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**Mark H Durkan MLA**  
**Minister of the Environment**  
Goodwood House, 44 - 58 May Street,  
Town Parks, Belfast BT1 4NN

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**Steven Agnew MLA**  
**Northern Ireland Assembly**  
**Parliament Buildings**  
**Ballymiscaw**  
**Stormont**

**AQW 30678/79/80/81/11-15**

**Steven Agnew has asked:**

**AQW 30678/11-15 To ask the Minister of the Environment what methods of tyre recycling are currently licensed.**

**AQW 30679/11-15 To ask the Minister of the Environment to detail (i) how many waste management licences have been issued for tyre recycling; and (ii) the conditions of the licences.**

**AQW 30680/11-15 To ask the Minister of the Environment what proportion of tyres are recycled.**

**AQW 30681/11-15 To ask the Minister of the Environment what proportion of tyres are recycled locally.**

**ANSWER**

Methods of tyre recycling currently licensed in Northern Ireland are a mixture of shredding, crumbing and retreading.

There are currently 6 licences dealing primarily with waste tyres as a waste stream, three of these have been suspended. Three are currently operating.

**WML      04/35      PPP : Shredding**

<b>WML</b>	<b>10/24</b>	Entyre: Baling for onward recovery (Suspended)
<b>WML</b>	<b>12/25</b>	R4: Shredding and Crumbing
<b>WML</b>	<b>13/70</b>	Ken Ferguson: Baling for onward recovery
<b>WML</b>	<b>14/37</b>	Crane Tyres: Baling for onward recovery (Suspended)
<b>WML</b>	<b>25/13</b>	Tyre Recycling: (Suspended)

There are currently 2 exemptions for recycling tyres.

**WMEX02/93** AC Tyres: Crumbing Tyres for the manufacture of finished goods from waste rubber into equestrian soft surface for outdoor and indoor riding arenas.

**WMEX11/54** EKS Tyres: Retreading of Tyres


All of the sites listed above have been given site specific licence conditions. A copy of the above authorisations has been placed in the Assembly Library.

The most recent available figures on the quantity of waste tyres come from a survey commissioned by the Department in March 2012 in collaboration with the Department of the Environment, Community and Local Government in the Republic of Ireland. This used the latest available figures (the 2010/11 financial year) in the report dated January 2013 subsequently published on the Department's web site in March 2013.

The report states that of the 18,597 tonnes of waste tyres generated in Northern Ireland in 2010/11 13,370 tonnes (**or 72%**) were sent to recycling / reprocessing facilities. Of this tonnage 7,761 were exported outside of Northern Ireland which leaves 5,609 tonnes (**or 58%**) sent to recycling / reprocessing facilities inside Northern Ireland.

The report provides further break-down in terms of management routes and tonnages for used tyres and can be viewed at the following web address:

[www.doeni.gov.uk/all\\_island\\_used\\_tyre\\_survey\\_report.pdf](http://www.doeni.gov.uk/all_island_used_tyre_survey_report.pdf)

**Signed:**   
**Mark H Durkan MLA**

**Date:** 18/02/14

Waste and Contaminated Land (NI) Order 1997  
**WASTE MANAGEMENT LICENCE**

**LICENCE REF No: LN/13/06**

**FACILITY TYPE :- Tyre Baling and Storage**

The Department of the Environment, in pursuance of the Waste and Contaminated Land (NI) Order 1997, hereby grants a waste management licence authorising the keeping and treating of controlled waste on the land specified in schedule 1 to this licence to:

**Ken Ferguson T/A KF Tyres  
120 Corrody Road  
Waterside  
Londonderry  
BT47 2QH**

they 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 area of the building at **120 Corrody Road, Tamnmore, Londonderry, BT47 2QH** (hereinafter called "the site") shown outlined in red on a copy of Drawing Reference No. 5 of planning permission A/2011/0572/F stamped "GRANTED" by the Planning Service on 12 December 2012 and attached to this licence.

Signed <u><i>Pamela Patterson</i></u>
Name :- Pamela Patterson Authorised Officer of NIEA
Dated <u>26 March 2013.</u>

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



**SCHEDULE 2 - CONDITIONS RELATING TO THIS LICENCE**



# 1 General considerations

## 1.1 Specified waste management operations

1.1.1 No waste management operations shall be authorised by this licence unless:

**a** specified in and undertaken in accordance with the limitations in the following Table 1.1; or

**b** otherwise required by the conditions of this licence as being an integral part of those operations:

1.1.2 Avoidance, recovery and disposal of wastes produced by the activities

The operator shall take appropriate measures to ensure that:

**(a)** the waste hierarchy referred to in Article 4 of the Waste Framework Directive is applied to the generation of waste by the activities; and

**(b)** any waste generated by the activities is treated in accordance with the waste hierarchy referred to in Article 4 of the Waste Framework Directive; and

**(c)** where disposal is necessary, this is undertaken in a manner which minimises its impact on the environment.

The operator shall review and record at least every four years whether changes to those measures should be made and take any further appropriate measures identified by a review.



<b>Table 1.1 Specified waste management operations</b>		
<b>Specified Waste Management Operation</b>	<b>Permitted Waste Types which may be subject to the Specified Operation</b>	<b>Limits on Specified Waste Management Operations</b>
<p>D15: Storage pending, on this site any of the category 'D' operations authorised under this column, or elsewhere than on this site, any of the operations listed in Schedule 3 of the 2003 Regulations, (excluding temporary storage, pending collection, on the site where it is produced).</p> <p>R13: Storage of waste pending any of the 'R' operations listed in Schedule 3 of the 2003 Regulations, (excluding temporary storage, pending collection, on the site where it is produced).</p>	<p>Waste described by the following EWC code:</p> <p>EWC 16 01 03 – end of life tyres</p>	<p>Bulking up and storage pending transfer to authorised disposal or recovery facilities.</p> <p>Storage may only take place on an impermeable pavement constructed and maintained in accordance with condition 2.1.2</p> <p>Storage of specified wastes shall only take place as detailed in the Grant of Planning Permission, reference number A/2011/0572/F dated 12<sup>th</sup> December 2012 and associated Drawing No.3.</p> <p>There shall be no external deposition or storage of tyres or tyre bales.</p>
<p>R12: Exchange of wastes for submission to any of the operations numbered R1 to R11 (R12)</p>		<p>Treatment shall be restricted to the baling of waste tyres.</p> <p>Treatment operations may only take place on an impermeable pavement constructed and maintained in accordance with condition 2.1.2</p> <p>Treatment operations shall only take place as detailed in the Grant of Planning Permission, reference number A/2011/0572/F dated 12<sup>th</sup> December 2012 and associated Drawing No.3.</p>

## **1.2 Permitted wastes**

### *Permitted categories and types of wastes*

1.2.1 No wastes other than those which are specified in Table 1.1 shall be accepted at the site.

### *Permitted quantities of wastes*

1.2.2 The quantities of wastes accepted shall not exceed those listed in Table 1.2. The total quantity of waste accepted at the site per year shall not exceed 25,000 tonnes.

**Table 1.2 Permitted quantities of waste**

Permitted Waste Categories	Maximum Permitted Quantities
Waste Tyres	Maximum daily intake – 25 tonnes Maximum storage capacity – 43 m3 Maximum annual throughput – 25,000 tonnes Maximum storage time - 1 month

*Exclusion of wastes with other specified characteristics*

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

**Table 1.2.A Excluded hazardous wastes with specified hazard codes**

Hazard Code	Hazardous Properties
H1	Explosive
H9	Infectious
H10	Teratogenic
H11	Mutagenic
H12	Substances or preparations which release toxic or very toxic gases in contact with water, air or an acid

**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 Table 1.3 below.

**Table 1.3 Permitted operating hours**

Specified waste management operations	Permitted hours
Waste acceptance and removal	0900 to 1700 Monday-Friday 0900 to 1400 Saturday Closed Sunday

**1.4 Working Plan**

All operations shall be carried out in accordance with the Working Plan. The Working Plan shall contain details of the operation, control, monitoring and maintenance of all specified waste management operations carried out at the site. Where any licence condition conflicts with the Working Plan, the licence condition shall take precedence over the Working Plan.

## **1.5 Staffing and understanding of requirements of licence conditions and Working Plan**

### *Minimum staffing and supervision*

- 1.5.1 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 Department.

### *Availability of licence and Working Plan*

- 1.5.2 A copy of this licence and the Working Plan shall be kept available on site for reference when required by all site staff carrying out work under the requirements of the licence.

### *Understanding of licence and Working Plan*

- 1.5.3 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.

## **1.6 Technically Competent Persons**

- 1.6.1 The management of all the specified waste management activities permitted by this licence shall be in the hands of a technically competent person. Any changes in the technically competent management of the site and the name of any incoming person together with evidence that such person has the required technical competence shall be submitted to the Department in writing within 5 working days of the change in management. Technically competent management and technical competence shall be as defined under Regulations 3 to 5 of the 2003 Regulations.

### *Attendance of Technically Competent Persons*

Attendance requirements for the technically competent person shall be as required in the EHS Guidance, 'Technical Competence for Operators of Authorised Waste Facilities', December 2003. Attendance of the technically competent person at the site shall be recorded in the site diary on arrival and departure.

## **1.7 Relevant convictions**

### *Notification of relevant convictions*

- 1.7.1 In the event of the Licence Holder and/or any relevant person being convicted of any prescribed offence (as defined by Regulation 2 of the 2003 Regulations) and which is in addition to any already notified to the Department, then full details shall be provided to the Department within 14 days following sentencing, whether or not the conviction or sentence is subsequently appealed. Such details shall include, in respect of each relevant person (as defined in Article 3 of the Waste and Contaminated Land (NI) Order 1997 or any subsequent amendments to those regulations), the nature of the offence, the place and date of conviction, and any fine or other penalty imposed.

### *Notifications of appeals against convictions*

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

## **1.8 Maintenance of financial provision**

The financial provision put in place by the Licence Holder for meeting the obligations under this Licence shall be maintained by the Licence Holder throughout the subsistence of this Licence and the Licence Holder shall produce evidence of such provision whenever required by the Department. Within 1 month of granting of this licence, the Licence Holder shall provide evidence to satisfy the Department that the financial provision referred to above is in place.

## **1.9 Amendments to Working Plan and supporting information**

- 1.9.1 The Licence Holder shall give the Department prior notice in writing of any proposed change to the Working Plan, and to any associated appendices, drawings and figures which are referenced in the Working Plan. 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.
- 1.9.2 The proposed change to the Working Plan shall not be implemented unless the Department has given its written consent to it. Following consent, the Licence Holder shall give the Department 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.

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

***This condition refers to changes in details concerning the existing licence holder/operator. Any change in licence holder or operator identity requires formal application to the Department. Change of licence holder or operator outside these requirements constitutes a breach of a licence condition.***

1.10.1 The following information shall be notified in writing within 5 working days to the Department:

- a 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;
  - 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)

**1.11 Notification of preparatory works**

1.11.1 No preparatory works shall be undertaken until at least 7 days prior notice in writing has been given to the Department of the intention to do so. The notification shall include details of what work is being done and when.

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

*Specified waste management operations*

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

*Cessation and recommencement of receiving wastes*

1.12.2 In the event that the site ceases receiving wastes for longer than 1 month then within 7 days following the elapse of that time, the Licence Holder shall inform the Department in writing of the date of cessation and of the planned date of recommencement. In the event that the site recommences receiving wastes sooner than the notified date then the Licence Holder shall give the Department not less than 7 days prior notice in writing.

**1.13        Notifications and submissions to Department**

1.13.1        Except where otherwise specified, all notifications and submissions to the Department under the requirements of these licence conditions:

**a**    shall be made in writing to the address specified by the Department in writing at the time of issue of this licence, or as subsequently specified by written notification to the Licence Holder;

**b**    shall quote the licence reference number and the name of the Licence Holder.

## 2 Site engineering for pollution prevention and control

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

#### *Provision and maintenance of site containment and drainage systems*

- 2.1.1 No waste shall be deposited, stored, treated or otherwise handled in any area of the site until the engineered site containment and drainage system for that area has been constructed and completed in accordance with this condition and 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.

**Table 2.1 Site containment and drainage standards**

<b>Type of Site Containment and Drainage</b>	<b>Minimum Specified Standards of Design, Construction and Maintenance</b>
a) Hardstanding	<p>Areas of hardstanding shall be constructed of granular material (e.g. crushed stone, aggregate, road planings or similar material) and maintained such that the working surface:</p> <ol style="list-style-type: none"><li>i) shall remain even</li><li>ii) shall not be subject to settlement</li><li>iii) shall not be subject to rutting by vehicles even when wet</li><li>iv) shall have sufficient durability to allow cleaning for example by scraping</li><li>v) shall remain free of standing water</li></ol>
b) Impermeable pavement, bunding and sills	<p>Areas of impermeable pavement, bunding and sills shall be constructed and maintained so as to prevent fluids running off the pavement and the transmission of fluids through the pavement or joints.</p> <p>Areas of impermeable pavement shall be:</p> <ol style="list-style-type: none"><li>i) laid to take the weight of relevant vehicles, plant and equipment without cracking or breaking</li><li>ii) free from cracks which could reduce impermeability</li><li>iii) resistant to mechanical, physical and chemical stresses to which they may be subjected</li><li>iv) fall towards the drainage system to prevent ponding</li></ol> <p>No liquid shall run off areas of impermeable pavement other than via the drainage system.</p>
c) Sealed drainage systems	<p>Drainage to areas of impermeable pavement shall be provided by a sealed drainage system that is comprised of a drainage system with impermeable components, which does not leak and, which will ensure that:</p> <ul style="list-style-type: none"><li>• no liquid will run off the pavement otherwise than via the system; and</li><li>• except where they may be lawfully discharged, all liquids entering the system are collected in a sealed sump.</li></ul> <ol style="list-style-type: none"><li>i) sealed sumps shall be inspected no less frequently than daily and after rain, emptied when the collected liquids reach 80% of its capacity as measured using a dipstick or equivalent gauge, and constructed and maintained so as to collect and contain all liquids which run off the pavement.</li><li>ii) inspections and emptying of sealed sumps shall be recorded in the site diary.</li><li>iii) uncontaminated drainage from clean yard areas shall be kept separate and discharged to either surface water or sewer or watercourse or soak away.</li></ol>
d) Covered buildings or roofed areas	<p>Where wastes are stored or treated in a building or roofed area:</p> <ol style="list-style-type: none"><li>i) The building or roofed area shall be designed, constructed and maintained to prevent ingress of rain and surface water.</li><li>ii) Roof water shall be kept separate from contaminated water and other liquids and shall be discharged to either surface water or a sewer or a water course or a soak away.</li></ol>
e) Fixed tanks	<p>a) All fixed tanks used for the storage and treatment of wastes must be constructed and maintained to a standard which is fit for purpose.</p>



**Table 2.1 Site containment and drainage standards**

Type of Site Containment and Drainage	Minimum Specified Standards of Design, Construction and Maintenance
	<p>b) All fixed tanks (and their associated inlet and outlet pipes and valves) used for the storage of potentially polluting or hazardous wastes, shall be located within a bund and on an impermeable pavement, which shall be isolated from the site drainage system. The capacity of any bund shall be at least 110% of the total capacity of all tanks within it.</p> <p>c) All underground tanks (and their associated inlet and outlet pipes and valves) used for the storage of potentially polluting or hazardous wastes in liquid, sludge or powder form shall be located within engineered secondary containment, which shall be isolated from the site drainage system.</p>
f) Storage areas for skips, drums and other mobile tanks and containers	All skips, drums and other mobile tanks and containers having individual capacities of greater than 10 litres which are used for the storage of wastes, shall be constructed and maintained so that they do not leak any liquids contained in them.

*Construction quality assurance of new site containment and drainage systems*

- 2.1.3 No wastes shall be deposited, stored, treated or otherwise handled in any area or in any fixed tank for which an engineered site containment and drainage system has been newly constructed to meet the requirements of this condition until:
- a details of the identities, relevant experience and relevant qualifications of the personnel who will be providing Quality Assurance of the engineered site containment and drainage systems have been submitted in writing to the Department and acknowledged in writing by the Department;
  - b the engineered site containment and drainage system has been constructed in accordance with the other requirements of this condition;
  - c the Validation Report on the construction of the engineered site containment and drainage system has been submitted in writing to the Department and has been acknowledged in writing by the Department.

*Construction quality assurance of existing site containment and drainage systems*

- 2.1.4 No wastes shall be deposited, stored, treated or otherwise handled in any area or in any fixed tank for which a previously constructed and existing engineered site containment and drainage system is being used to meet the requirements of this condition unless:
- a details of the identities, relevant experience and relevant qualifications of the suitably qualified Engineer who will be providing inspection and validation of the existing engineered site containment and drainage systems have been submitted in writing to the Department and acknowledged in writing by the Department;
  - b the engineered site containment and drainage system for that area has been inspected by the designated Engineer and has been maintained or improved, in accordance with their recorded advice, to meet the standards specified in Table 2.1;
  - c the Validation Report confirming that the engineered site containment and drainage system meets the specified standards has been submitted in writing to the Department and has been acknowledged in writing by the Department.

## 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 The identification board shall be inspected at least once per week. In the event of damage or defect, the board shall be repaired or replaced within 3 working days.

3.1.3 The board shall be easily readable from outside the site entrance in daylight hours, and shall display the following information:

**a** Site name and address;

**b** Licence Holder name (company name, not individual name unless justified as necessary);

**c** Operator name (company name, not individual name unless justified as necessary);

**d** Licence number;

**e** Emergency contact name and telephone number of licence holder/operator (for security reasons, personal names and home phone numbers should not be used except where no alternative is practicable);

**f** Statement that the site is licensed by Northern Ireland Environment Agency, Department of the Environment;

**g** Northern Ireland Environment Agency Telephone number 028 90 569359 (office hours),

**h** Days and hours site is open to receive waste.

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

### 3.2 Site security

3.2.1 Site security systems shall be provided at all times during the subsistence of this licence, the objective of which shall be to prevent access by humans and livestock which is not authorised either by the Licence Holder or under legal powers of entry.<sup>1</sup> These shall be installed, operated and maintained, and shall be fully documented and recorded, in accordance with the following requirements:

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<sup>1</sup> The Department will review site security requirements in the light of ongoing site operations and licences may be modified to specify specific requirements.

**Table 3.2 Site security system standards**

<b>Site security system</b>	<b>Specified standards</b>
Timetable of provision	Site security shall be provided prior to commencement of the specified operations.
Design standards	Type of security = solid wall, chainlink or palisade fencing or other alternative agreed in writing with the Department Minimum height = 1.8 metres Access = lockable gates of at least the same height as the perimeter fence.
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, and recorded in the site diary. Any defects or damage shall be made secure by the end of the working day, and shall be repaired within 7 working days of the damage being detected. All repairs shall be recorded in the site diary.

## 4 Site operations

### 4.1 Control of mud and debris

#### *Prevention of mud and debris on road*

- 4.1.1 Whenever the site is receiving or despatching wastes measures shall be provided, operated and maintained, with the objective of preventing the deposit or tracking of mud or debris arising from the site onto public areas outside the site, which shall include public highways and areas of public access outside the site.
- 4.1.2 All vehicles leaving areas of the site which are operational or upon which engineering works are being carried out shall, before leaving the site, be cleaned as necessary and shall be checked to ensure that they are clear of loose waste and that their loads are secure.

#### *Remediation of mud and debris on road*

- 4.1.3 In the event that mud or debris arising from the site is deposited onto public areas outside the site, remedial measures shall be implemented immediately, in accordance with the following requirements:
- a The affected public areas outside the site shall be cleaned
  - b Traffic shall be isolated from sources of mud, debris and loose waste within the site to prevent further tracking, and measures shall be taken to clear any such sources as soon as practicable. All such deposits shall be removed by the end of each working day.

### 4.2 Potentially polluting leaks and spillages of waste

#### *Potentially polluting leaks and spillages from vehicles, plant and equipment*

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

#### *Potentially polluting leaks and spillages from fixed tanks, skips, drums and other mobile containers*

- 4.2.2 Each tank, skip, drum or other mobile container used to hold wastes which consist of or contain potentially polluting liquids, or other potentially polluting materials shall be, while on the site:
- a loaded and unloaded in accordance with the specified handling procedures;
  - b filled and emptied in accordance with the specified filling and emptying procedures;

- c clearly and unambiguously labelled regarding its contents, unless the contents are clearly identifiable by visual inspection;
- d inspected and maintained according to the specified maintenance schedules and procedures, which shall be fully documented and recorded;
- e in the event of damage or deterioration to a container that is, or is likely to cause, a leak, that container shall be repaired or replaced immediately;
- f secured while the site is not operating

*Control and remediation of leaks and spillages*

4.2.3 Before the commencement of specified waste management operations, the licence holder shall forward to the Department, an emergency leaks and spillages action plan detailing precautions in place, equipment available and the measures to be taken in the event of a leak or spillage on site. Procedures detailed in the action plan shall meet the standards specified in Table 4.2. In the event of any potentially polluting leak or spillage occurring on site, documented control and remediation procedures shall be implemented immediately. Such action shall prevent the escape of the material to the environment

**Table 4.2 Standards for prevention and control of leaks and spillages**

Action	Specified standards
a) Control and remediation of leaks and spillages	<ul style="list-style-type: none"> <li>i) Minor spills shall be cleaned up immediately, using sand or proprietary absorbent to clean up liquids.</li> <li>ii) Where major spillages occur which are causing or are likely to cause pollution emissions to the environment: <ul style="list-style-type: none"> <li>• Immediate action shall be taken to contain the spillage and prevent liquid from entering surface water drains, water courses and unsurfaced ground;</li> <li>• The spillage shall be cleaned immediately and placed in alternative sealed containers;</li> <li>• The Department shall be informed immediately, and a record entered in the site diary.</li> </ul> </li> </ul>

**4.3 Fires on the site**

*Prohibition of unauthorised fires on site*

4.3.1 No fires shall be permitted within the area covered by this licence. Any fire arising on the site shall be treated as an emergency situation and appropriate action taken to immediately extinguish the fire.

*Fire action plan*

4.3.2 Before the commencement of specified waste management operations, the licence holder shall forward to the Department, a fire action plan detailing fire precautions in place, firefighting equipment available and the measures to be taken in the event of a fire on site. In the event of a fire on the site, the fire action plan shall be implemented and the Department shall be informed immediately and action taken shall be recorded in the site diary.

#### 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. All waste despatched from the site shall be sent to authorised facilities.

**Table 4.4 Standards for waste acceptance and control procedures**

Stage of Waste Handling	Specified standards
Waste inspection	Wastes stored at the site shall be regularly checked during the working day to ensure they comply with the permitted waste types detailed in condition 1.2.1 and that they are stored in the appropriate container and location within the site.
Waste Control procedures: Quarantine storage and rejection of 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 placed immediately in a designated quarantine area and stored in a manner that will not cause risk of environmental pollution, harm to human health or damage to local amenity.</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) Quarantined wastes shall be removed from site within 7 days.</li> <li>iv) A record shall be kept in the site diary of all rejected wastes and all wastes kept in quarantine storage</li> </ul>
Identification of wastes	<ul style="list-style-type: none"> <li>i) Areas, bays and containers shall be clearly defined and labelled to identify the wastes stored within them;</li> <li>ii) Containers for hazardous waste shall be appropriately labelled.</li> </ul>
Inspection of wastes for despatch	All wastes despatched from the site shall be inspected prior to despatch to confirm their description and composition.
Waste despatch and recording	Waste despatched from the site shall only be sent to appropriately licensed facilities.
Incompatible wastes	Incompatible wastes, which are likely, in combination with each other or with other material at the facility, to give rise to pollution of the environment or harm to human health outside the site, shall be clearly identified and kept physically separate in designated areas

#### 4.5 Waste quantity measurement systems

##### *Means of measurement*

- 4.5.1 All wastes despatched from the site shall be measured in accordance with either of the following requirements:

- a** The weight of all wastes despatched from the site shall be determined by means of a public weighbridge, or a weighbridge or scales located within the site. The weighbridge or scales used shall record quantities of wastes to an accuracy of 0.01 tonnes: or
- b** Waste quantities shall be recorded in cubic metres and measured on the basis of the capacity of the vehicles or containers used for transport. This shall be converted to tonnes on the basis of conversion factors which have been agreed in writing with NIEA.

#### **4.6 Storage of wastes with specified properties or forms**

- 4.6.1 Notwithstanding the specification of permitted waste types under section 1.2, wastes displaying any of the properties or forms specified in Table 4.6 shall only be handled and/or stored on the site in accordance with the standards specified in Table 4.6 below.

**Table 4.6 Standards for handling and/or storage of wastes with specified characteristics**

<b>Storage requirement</b>	<b>Specified standards</b>
a) Solids wastes which when handled or stored are likely to generate significant quantities of dust, fibres or particulates	These wastes only permitted if they are handled and stored in: <ol style="list-style-type: none"> <li>i) buildings or containers providing containment of aerial emissions of dusts and particulates; or</li> <li>ii) bays or roofed areas provided with a permanent water supply and water spraying or misting equipment is used at all times when significant quantities of dust, fibres or particulates are likely to be, or are being generated.</li> </ol>
b) Odorous wastes, including wastes which are likely to be odour producing during storage	<ol style="list-style-type: none"> <li>i) These wastes only permitted if:               <ul style="list-style-type: none"> <li>• Stored in sealed containers and in areas provided with impermeable pavement and sealed drainage; or</li> <li>• Stored in covered buildings providing containment of aerial emissions; or</li> <li>• Stored in bays provided with an impermeable pavement and sealed drainage.</li> </ul> </li> <li>ii) These wastes shall be subject to monitoring in accordance with condition 5.2 and shall in any case not be stored for longer than 48 hours, unless otherwise agreed in writing with the Department.</li> </ol>
c) Solid wastes which are likely to produce polluting or contaminating run-off.	<ol style="list-style-type: none"> <li>i) Inert wastes only permitted if stored in bays with:               <ul style="list-style-type: none"> <li>• Hardstanding and drainage that prevents run-off from the waste into adjacent surface water bodies or storm water drains; or</li> <li>• An impermeable pavement and sealed drainage.</li> </ul> </li> <li>ii) Degradable municipal wastes only permitted if stored in areas with impermeable pavement and sealed drainage and:               <ul style="list-style-type: none"> <li>• Stored in sealed containers; or</li> <li>• Stored in covered shelters or roofed areas</li> </ul> </li> </ol>
e) Combustible wastes	These wastes only permitted if stored in bays provided with an impermeable pavement and sealed drainage, and with access to fire fighting equipment.
f) Wastes which are likely to attract pests	These wastes shall be subject to monitoring in accordance with condition 5.3, and in any case not be stored for longer than 48 hours, unless otherwise agreed in writing with the Department.
g) Wastes which are likely to attract scavengers	<ol style="list-style-type: none"> <li>i) These waste only permitted if:               <ul style="list-style-type: none"> <li>• Stored in closed or secure containers; or</li> <li>• Stored in covered buildings providing security against scavengers, or</li> <li>• Stored in bays provided with netting or fencing providing security against scavengers.</li> </ul> </li> <li>ii) These wastes shall be subject to monitoring in accordance with condition 5.4</li> </ol>
h) Hazardous household waste – Except for WEEE	<p>Shall only be stored in sealed containers.</p> <ul style="list-style-type: none"> <li>• Lead acid batteries shall be stored in a covered area with an impermeable acid resistant base or acid resistant leak proof container with a close fitting lid</li> </ul>
i) Wastes which include light wastes or other wastes liable to give rise to litter	These wastes only permitted if: <ul style="list-style-type: none"> <li>• Stored in sealed containers and in areas provided with impermeable pavement and sealed drainage; or</li> <li>• Stored in covered buildings providing containment of aerial emissions of litter; or</li> <li>• Stored in bays provided with litter control netting or fencing.</li> </ul>
j) Waste Electrical and Electronic Equipment (WEEE) containing CFC	<ul style="list-style-type: none"> <li>• WEEE containing CFC (EWC code 20 01 23) shall be stored in a manner that will prevent the release of CFC. The number of refrigerator or freezer units in any stack shall not exceed 2 and the height of any stack shall not exceed 3.5 metres.</li> </ul>



## **4.7 Removal of residual wastes from site**

- 4.7.1 In the event that the specified waste management operations on the site cease and the Department has reasonable grounds to believe that they will not be resumed within 90 days, 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 Department in writing. This shall include, where required by the Department, cleaning of plant, equipment and engineered containment used in the specified waste management operations, and emptying of any sealed sumps or interceptors.

## 5 Amenity management and reporting

### 5.1 Monitoring and control of dusts, fibres and particulates

5.1.1 Measures shall be implemented and maintained throughout the operational life of the site to control and monitor emissions of dusts, fibres and particulates from the site, in accordance with Table 5.1 below.

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

**Table 5.1 Standards for monitoring and control of aerial emissions of dusts, fibres and particulates.**

Monitoring of aerial emissions	Site staff supervising individual waste handling operations shall, during the carrying out of those operations, undertake visual monitoring of aerial emissions.
Remedial action	On detection or notification of visible aerial emissions that are likely to be transported beyond the site boundary, 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.  The incident and the remedial action shall be recorded in the site diary.

### 5.2 Monitoring and control of odours

5.2.1 Measures shall be implemented and maintained throughout the operational life of the site to control and monitor emissions of odours from the site, in accordance with Table 5.2.

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 Department.

**Table 5.2 Standards for monitoring and control of emissions of odours**

Monitoring of odorous emissions	Olfactory monitoring of aerial emissions from the site shall be carried out: <ul style="list-style-type: none"><li>i. 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</li><li>ii. By site staff supervising individual waste handling operations during the carrying out of those operations.</li></ul>
Remedial action	On detection or notification of aerial emissions of odour that 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.  The incident and the remedial action shall be recorded in the site diary.

**5.3 Control of noise**

5.3.1 Measures shall be implemented and maintained throughout the operational life of the site, in accordance with this condition and the working plan, to control and minimise the levels of noise from operations on the site beyond the site boundary.

**5.4 Control of pest infestations**

5.4.1 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 Table 5.4.

**Table 5.4 Standards for monitoring and control of pest infestations**

Monitoring of pest infestations	An inspection of stored wastes for pest infestations shall be carried out at least at weekly intervals and shall be recorded in the site diary.
Remedial action	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.  The incident and the remedial action shall be recorded in the site diary.

## **5.5 Control of scavenging birds and other scavengers**

- 5.5.1 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. 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.

## **5.6 Control of litter**

- 5.6.1 Measures shall be implemented and maintained throughout the operational life of the site to control and monitor the escape of litter from the confines of the site.
- 5.6.2 In the event that litter does escape from the site, it shall be retrieved as soon as practicable and no later than 1 hour after its escape.

## 6 Site records

### 6.1 Security and availability of records

#### *Security of records*

- 6.1.1 All records which are required to be made under the other conditions of this licence, the working plan and The Hazardous Waste Regulations (Northern Ireland) 2005 shall be maintained and kept secure from loss, damage or deterioration, and shall be kept in accordance with the requirements specified in Table 6.1 below.

#### *Availability of records*

- 6.1.2 All records which are required to be made under the other conditions of this licence, the working plan and The Hazardous Waste Regulations (Northern Ireland) 2005 shall be made available for inspection at the place where they are kept immediately when required by an authorised officer of the Department.

**Table 6.1**

Site records	Specified standards
Wastes accepted	All records shall be stored either: i. On paper in a secure cabinet or cupboard; or ii. On computer disc with a back up copy
Wastes rejected	
Wastes dispatched	
Site diaries	
	Records shall be kept for a minimum of 2 years
	All hazardous waste consignment notes must be stored as paper copies in a secure cabinet or cupboard on site for a minimum of 3 years, in accordance with Regulation 40 of The Hazardous Waste Regulations (Northern Ireland) 2005

### 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 removed from site. This record shall include the following details:
- a** Loads out :- Nature (solid, liquid or sludge), waste type as specified under condition 1.2 and the relevant European Waste Catalogue code, quantity of waste removed (units for refrigeration equipment, tonnes for all other permitted wastes), date removed, authorised point of disposal, registered carrier, consignment note (DA) number

*Summary records of wastes accepted and removed*

- 6.2.2 A summary record of the waste types removed from the site shall be made for each quarter of the financial year and shall be submitted to the Department within one month following the end of that quarter. The summary record shall be in a format agreed by the Department 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 Department. This shall include a record of the following events:
- a construction work
  - b maintenance
  - c breakdowns
  - d emergencies
  - e problems with waste received and action plan
  - f site inspections, monitoring and consequent actions carried
  - g technically competent management attendance on site: the date and the time onto site and the time left site
  - h despatch of records to the Department
  - i severe weather conditions
  - j complaints about site operations and actions taken
  - k environmental problems and remedial actions

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

## 7 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. This also includes waste that does not conform to the licence conditions being stored in quarantine areas for removal from the site;

*“authorised officer of the Department”*

means any person(s) authorised in writing by the Department pursuant to Part IV of the Waste and Contaminated Land (NI) Order 1997;

*“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 Department 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 as defined in The Hazardous Waste Regulations (Northern Ireland) 2005 or any statutory provisions or regulations 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 Department, 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 Department within the conditions);

*“inert waste “*

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

*“maintenance”*

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

*“preparatory works”*

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

*“probability”*

means the quantified expression of chance, denoted either as:

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

*“received”*

for waste being delivered to the site, shall mean delivered to the site and undergoing the waste acceptance procedures specified in the working plan, including storage of those wastes during those procedures prior to acceptance of the waste and including wastes that do not conform to licence conditions being kept on the site in quarantine areas pending collection;

*“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/prescribed offences”*

are offences within the meaning of Regulation 2 of the Waste Management Licensing Regulations (NI) 2003, 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 Department 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 Department within the conditions;

*“specified waste management operations”*

means the waste management operations authorised by condition 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 1997 Order”*

means the Waste and Contaminated Land (Northern Ireland) Order 1997 any statutory provisions or regulations amending or replacing them.

*“the 2003 Regulations”*

means the Waste Management Licensing Regulations (Northern Ireland) 2003

*“the Department”*

means the Department of Environment;

*“the Licence Holder”*

means the Licence Holder specified in this licence or other person to whom the licence has been transferred in accordance with Article 14 of the 1997 Order.

*“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 waste as defined in Article 2(2) of the 1997 Order or any statutory provisions or regulations amending or replacing it;

*“working plan”*

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



## EXPLANATORY NOTES - including rights of appeal.

### RIGHTS OF APPEAL

Article 17 of the Waste and Contaminated Land (NI) Order makes provision for the applicant to appeal the Decision of the Department to the Planning Appeals Commission where:

1. An application for a licence, or a modification of the conditions of a licence is refused;
2. a licence is granted subject to conditions;
3. the conditions of a licence are modified;
4. a licence is suspended;
5. a licence is revoked under Article 12 or 16;
6. an application to surrender a licence is refused; or
7. an application for the transfer of a licence is refused.

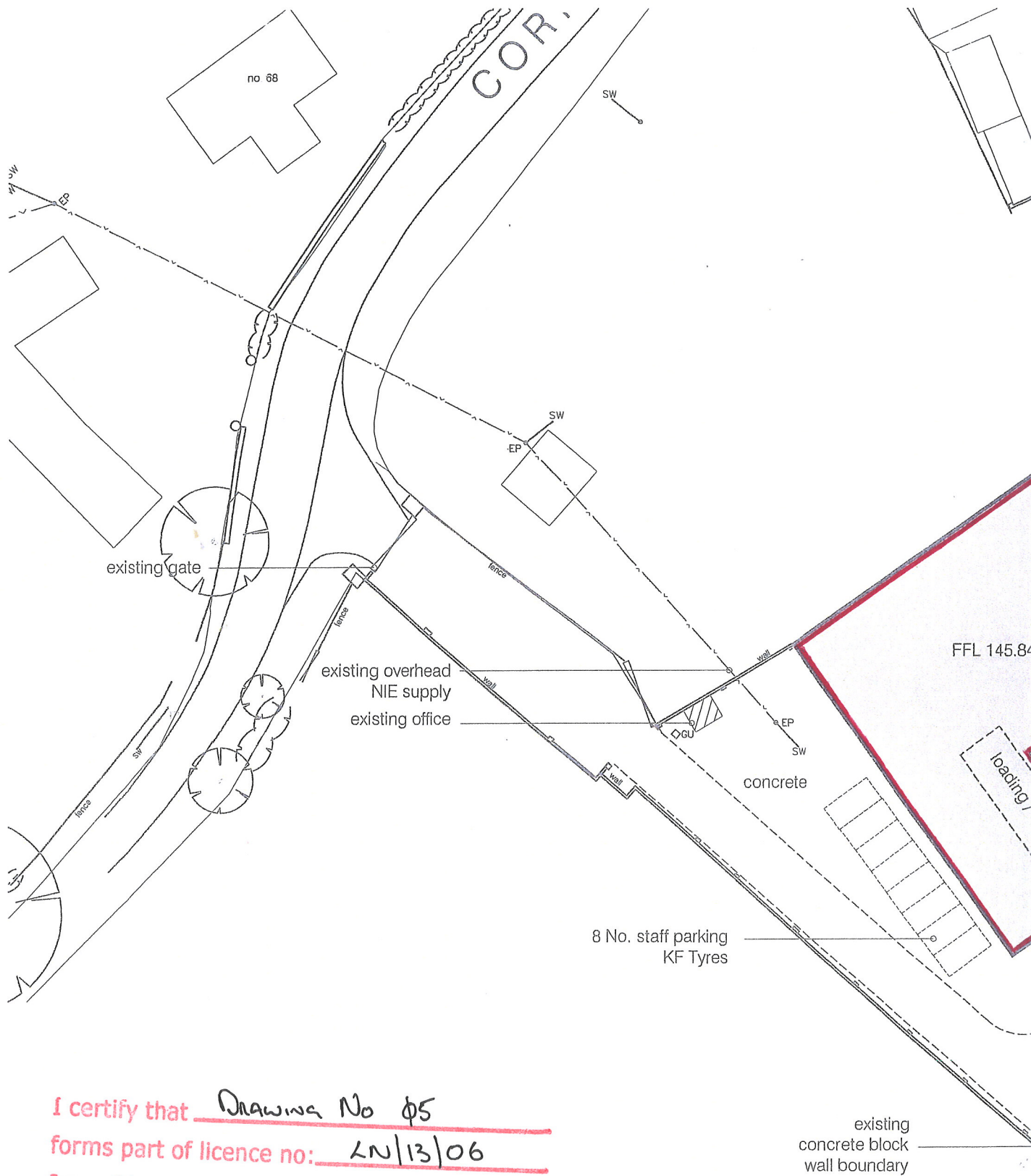
Appeals should be made by notice in writing. Such a notice shall be accompanied by:

1. a statement of the grounds of the appeal;
2. where the appeal relates to an application for a waste management licence or for the modification, surrender or transfer of a waste management licence, a copy of the appellants application and any supporting documents;
3. where the appeal relates to an existing waste management licence (including a waste management licence which has been suspended or revoked) a copy of that licence;
4. a copy of any correspondence relevant to the appeal;
5. a copy of any other document relevant to the appeal including, in particular, any relevant consent, determination, notice, planning permission under the Planning (NI) Order 1991(a) or consent under the Water (NI) Order 1999; and
6. a statement indicating whether the appellant wishes to appear before and be heard by the Planning Appeals Commission.

Notice of appeal must be given within 2 months of the date of the decision which is the subject of the appeal. Notices of appeal should be sent to:

The Planning Appeals Commission  
Park House  
87-91 Great Victoria Street  
Belfast  
BT2 7AG





I certify that Drawings No 05  
 forms part of licence no: LN/13/06  
 Issued by the Department of the Environment  
 on: 26 day of March 2013.

Signed: *Paula Peterson*  
 Authorised officer of the Department



Mr. Eamon Crane  
Managing Director  
Cranes Tyre Recycling  
1 Brannish Road  
Downpatrick  
BT30 6QW

Our Ref: WML 14/367

25<sup>th</sup> July 2011

Dear Mr Crane

### **The Waste Management Licensing Regulations (Northern Ireland) 2003**

In accordance with the above Regulations, I enclose Waste Management Licence LN/11/44 which the Department has granted under the above-mentioned regulations for the operation of a Tyre Shredding Facility.

You may appeal against the Department's decision within 2 months of the date of this letter. If you wish to appeal you should contact the Planning Appeals Commission at Park House, 87-91 Great Victoria Street, Belfast, BT2 7AG (Tel 9024 4710, Fax 9031 2536), to request an appeal application form and guidance notes.

Please note that under regulation 4 (6) of The Waste and Contaminated Land (Northern Ireland) Order 1997 that it is an offence to contravene any condition of a waste management licence. A person found guilty of such an offence shall be liable on conviction to a maximum fine of £20,000 and/or imprisonment for up to 6 months.

In addition failure to comply with licence conditions may result in the Department revoking or suspending the licence using powers under Article 16 of the Waste and Contaminated Land (Northern Ireland) Order 1997.

I would also ask you to complete and return the attached form to confirm that you have received your licence.

Yours sincerely

pp *Sharon O'Keilly*

**GARY TATE**  
Licensing and Authorisations  
Encs





**THE WASTE MANAGEMENT LICENSING REGULATIONS  
(NORTHERN IRELAND) 2003**

**File Ref: WML 14/37**

**Licence Ref: LN/11/44**

I confirm that I have received and read the waste management licence issued  
Crane's Tyre Re-cycling Ltd, lands at 40 Flying Horse Road, Downpatrick, Co Down,  
BT30 6QW.

I am aware of and accept the conditions contained therein.

Signed: \_\_\_\_\_

Date: \_\_\_\_\_



## Waste and Contaminated Land (NI) Order 1997 **WASTE MANAGEMENT LICENCE**

LICENCE REF No :- LN/11/44

FACILITY TYPE :- Tyre shredding facility

The Department of the Environment, in pursuance of the Waste and Contaminated Land (NI) Order 1997, hereby grants a waste management licence authorising the keeping and treating of controlled waste on the land specified in schedule 1 to this licence to:

**Crane's Tyre Re-cycling Ltd**  
40 Flying Horse Road  
Downpatrick  
Co Down  
BT30 6QW

**NI Company Number: NI 602963**

that person being in occupation of the said land, the said licence being subject to the conditions specified in schedule 2 to this licence.

### SCHEDULE 1.- SPECIFIED LAND.

The licence relates to the land at **1 Brannish Road, Downpatrick, Co Down, BT30 6QW** (hereinafter called "the site") shown edged in red on Drawing Reference No. 1 (Rev A) under planning permission R/2010/0016/F, granted by Planning Service on 11 October 2010 and attached to this licence.

Signed <u>Pamela Patterson</u>
Name :- Pamela Patterson Authorised Officer of NIEA
Dated <u>25 July 2011</u>

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





**SCHEDULE 2 - CONDITIONS RELATING TO THIS LICENCE**



# 1 General considerations

## 1.1 **Specified waste management operations**

1.1.1 No waste management operations shall be authorised by this licence unless:

- a** specified in and undertaken in accordance with the limitations in the following Table 1.1; 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**

<b>Specified Waste Management Operation</b>	<b>Permitted Waste Types which may be subject to the Specified Operation</b>	<b>Limits on Specified Waste Management Operations</b>
R 5: Recycling or reclamation of other inorganic materials	End of life tyres: EWC 16 01 03	All tyre shredding operations shall take place within buildings within the area indicated on the drawing no 05 (Rev C) included in granted planning application R/2010/0016/F dated 11 <sup>th</sup> October 2010.
R 12: Exchange of wastes for submission to any of the operations numbered R1 to R12	<b>The facility shall not accept putrescible or hazardous waste materials.</b>	Treatment operations may only take place on an impermeable pavement constructed in accordance with condition 2.1.2.
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 Schedule 3 of the 2003 Regulations, (excluding temporary storage, pending collection, on the site where it is produced).	End of life tyres: EWC 16 01 03 Ferrous metal: EWC 16 01 17 <b>The facility shall not accept putrescible or hazardous waste materials.</b>	Operations have further limits detailed in section 1.3  Storage may only take place on an impermeable pavement constructed in accordance with condition 2.1.2
D15: Storage pending, on this site any of the category 'D' operations authorised under this column, or elsewhere than on this site, any of the operations listed in Schedule 3 of the 2003 Regulations, (excluding temporary storage, pending collection, on the site where it is produced		Storage of all waste materials may only take place as indicated on the drawing no 05 (Rev C) included in granted planning application R/2010/0016/F dated 11 <sup>th</sup> October 2010.
D15: Storage pending any of the category 'D' operations listed in Schedule 3 of the 2003 Regulations, (excluding temporary storage, pending collection, on the site where it is produced).		Operations have further limits detailed in section 1.3

1.2 **Permitted wastes**

*Permitted categories and types of wastes*

1.2.1 No wastes other than those which are categorised in Table 1.1 shall be accepted at the site.

*Permitted quantities of wastes*

1.2.2 The quantities of wastes accepted shall not exceed those listed in Table 1.2. Whilst complying with the maximum quantities specified for each specified waste management operation, the total quantity of waste accepted at the site per year shall not exceed 25,000 tonnes.

**Table 1.2 Permitted quantities of waste**

Permitted Waste Categories	Maximum Permitted Quantities
Unprocessed waste Whole clean tyres	<p>Maximum daily intake = 74 tonnes</p> <p>The quantity of loose tyres stored must not exceed the boundaries of the bays constructed to hold them as per planning permission drawing no 05 (Rev C) included in granted planning application R/2010/0016/F dated 11<sup>th</sup> October 2010. They must also be stored in accordance with the Health and Safety Executive paper DIN TD5/004. Tyre stacks should not exceed the height of the boundary wall.</p> <p>Maximum annual throughput = 22,200 tonnes</p>
Rough (mobile) tyre shred	<p>Maximum daily intake = 9 tonnes</p> <p>The quantity of rough tyre shred stored must not exceed the boundaries of the bays constructed to hold the shred as per planning permission drawing no 05 (Rev C) included in granted planning application R/2010/0016/F dated 11<sup>th</sup> October 2010. They must also be stored in accordance with the Health and Safety Executive briefing note on 'Spontaneous heating of piled tyre shred and rubber crumb'.</p> <p>Maximum annual throughput = 2,800</p>
Processed tyre shred	<p>The quantity of tyre crumb shred stored must not exceed the boundaries of the shaded area, adjacent to the skip storage area per planning permission drawing no 05 (Rev C) included in granted planning application R/2010/0016/F dated 11<sup>th</sup> October 2010. They must also be stored in accordance with the Health and Safety Executive briefing note on 'Spontaneous heating of piled tyre shred and rubber crumb'</p>
Wastes derived from tyre shredding	<p>Maximum storage capacity for ferrous metals at any one time = 12 tonnes</p> <p>Maximum storage capacity for textiles at any one time = 0.5 tonne</p>

*Exclusion of wastes with other specified characteristics*

- 1.2.3 Notwithstanding the specification of permitted waste types under conditions 1.2.1 and 1.2.2 above, wastes shall not be accepted at the site in the form of powder, sludge or liquid.

1.3 **Hours of operation**

**Activities within the building:**

Monday – Saturday: 0700 to 2200hrs

**Activities external to the building:**

Monday – Saturday: 08.00 to 18.00

No operations of any kind within the building or external to the building shall take place on Sundays

1.4 **Working Plan**

All operations shall be carried out in accordance with the Working Plan Referenced 09074 and dated the 13 December 2010. Where any licence condition conflicts with the Working Plan, the licence condition shall take precedence over the Working Plan.

1.5 **Staffing and understanding of requirements of licence conditions and Working Plan**

*Minimum staffing and supervision*

- 1.5.1 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 Department.

*Availability of licence and Working Plan*

- 1.5.2 A copy of this licence and the Working Plan shall be kept available on site for reference when required by all site staff carrying out work under the requirements of the licence.

*Understanding of licence and Working Plan*

- 1.5.3 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.

1.6 **Technically Competent Persons**

- 1.6.1 The management of all the specified waste management activities permitted by this licence shall be in the hands of a technically competent person. Any changes in the technically competent management of the site and the name of any incoming person together with evidence that such person has the required technical competence shall be submitted to the Department in writing within 5 working days of the change in management. Technically competent management and technical competence shall be as defined under Regulations 3 to 5 of the 2003 Regulations.

*Attendance of Technically Competent Persons*

Attendance requirements for the technically competent person shall be as required in the EHS Guidance, 'Technical Competence for Operators of Authorised Waste Facilities', December 2003. Attendance of the technically competent person at the site shall be recorded in the site diary on arrival and departure.

1.7 **Relevant convictions**

*Notification of relevant convictions*

- 1.7.1 In the event of the Licence Holder and/or any relevant person being convicted of any prescribed offence (as defined by Regulation 2 of the 2003 Regulations) and which is in addition to any already notified to the Department, then full details shall be provided to the Department within 14 days following sentencing, whether or not the conviction or sentence is subsequently appealed. Such details shall include, in respect of each relevant person (as defined in Article 3 of the Waste and Contaminated Land (NI) Order 1997 or any subsequent amendments to those regulations), the nature of the offence, the place and date of conviction, and any fine or other penalty imposed.

*Notifications of appeals against convictions*

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

1.8 **Maintenance of financial provision**

The financial provision put in place by the Licence Holder for meeting the obligations under this Licence shall be maintained by the Licence Holder throughout the subsistence of this Licence and the Licence Holder shall produce evidence of such provision whenever required by the Department. Within 1 month of granting of this licence, the Licence Holder shall provide evidence to satisfy the Department that the financial provision referred to above is in place.

1.9 **Amendments to the Working Plan and supporting information**

- 1.9.1 The Licence Holder shall give the Department prior notice in writing of any proposed change to the Working Plan, and to any associated appendices, drawings and figures which are referenced in the Working Plan. 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.

- 1.9.2 The proposed change to the Working Plan shall not be implemented unless the Department has given its written consent to it. Following consent, the Licence Holder shall give the Department 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.

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

***This condition refers to changes in details concerning the existing licence holder/operator. Any change in licence holder identity requires formal application to the Department. Change of licence holder or operator outside these requirements constitutes a breach of a licence condition.***

- 1.10.1 The following information shall be notified in writing within 5 working days to the Department:
- a where the Licence Holder is an individual or named individuals:
    - i where the Licence Holder consists of more than one named individual, the death of any of those individuals;

- ii any change in the Licence Holder's name(s) or address(es);
  - iii 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 them being in a partnership, dissolving the partnership;
  - iv 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);
- b where the Licence Holder is a registered company:
  - i i) any change in the Licence Holder's trading name, registered name or registered office address;
  - ii ii) any steps taken with a view to the Licence Holder going into administration, entering into a company voluntary arrangement or being wound up;
  - iii the operator at the time of issue of the licence and of any change in the operator or in the operator's trading name, address, registered name or registered office address (if different from the Licence Holder);
- c 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;
  - 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)

1.11 **Notification of preparatory works**

- 1.11.1 No preparatory works shall be undertaken until at least 7 days prior notice in writing has been given to the Department of the intention to do so. The notification shall include details of what work is being done and when.

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

*Specified waste management operations*

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

*Cessation and recommencement of receiving wastes*

- 1.12.2 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 Department in writing of the date of cessation and of the planned date of recommencement. In the event that the site recommences receiving wastes sooner than the notified date then the Licence Holder shall give the Department not less than 7 days prior notice in writing.

1.13 **Notifications and submissions to Department**

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

## 2 Site engineering for pollution prevention and control

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

#### *Provision and maintenance of site containment and drainage systems*

2.1.1 No waste or other potentially polluting materials which are to be used in combination with those wastes in the specified waste management operations 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.

Before the commencement of any of the specified waste management operations, a site plan and construction details of the site containment and drainage system shall be supplied to the Department showing the details listed below. The acceptability of the system together with the timescale for required improvements shall be agreed in writing with the Department:

- a** Layout of areas of hardstanding;
- b** Layout of areas of impermeable pavement; and
- c** Layout of drainage systems, including details of following, where provided:
  - i** kerbing;
  - ii** interceptors ;
  - iii** discharge points ;
  - iv** sumps;
  - v** sealed drainage;
  - vi** isolation systems;
- d** Location and layout of covered buildings and roofed areas, where provided;
- e** Location and design of fixed tanks – above ground and underground – where provided, with layout of bunds and impermeable pavements or other engineered secondary containment;
- f** Location and layout of storage areas for drums and other mobile tanks and containers holding potentially polluting or hazardous wastes in liquid, sludge or powder form with layout of silled or bunded areas and impermeable pavements.

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



**Table 2.1 Site containment and drainage standards**

Type of Site Containment and Drainage	Minimum Specified Standards of Design, Construction and Maintenance
Hardstanding	Areas of hardstanding shall be constructed of granular material (e.g. crushed stone, aggregate, road planings or similar material) and maintained such that the working surface: <ul style="list-style-type: none"><li>i) shall remain even</li><li>ii) shall not be subject to settlement</li><li>iii) shall not be subject to rutting by vehicles even when wet</li><li>iv) shall have sufficient durability to allow cleaning for example by scraping</li><li>v) shall remain free of standing water.</li></ul>
Impermeable pavement, bunding and sills	Areas of impermeable pavement, bunding and sills shall be constructed so as to prevent fluids running off the pavement and the transmission of fluids through the pavement or joints.
Drainage systems	Drainage to areas of impermeable pavement shall be provided by a sealed drainage system comprised of impermeable components that do not leak and will ensure that : <ul style="list-style-type: none"><li>i) no liquid will run off the pavement other than via the system</li><li>ii) except where they may be lawfully discharged, all liquids entering the system are collected in a sealed sump</li><li>iii) sealed sumps shall be inspected no less frequently than daily and after rain, emptied when the collected liquids reach 80% capacity as measured using a dipstick or equivalent gauge and constructed and maintained so as to collect and contain all liquids which run off the pavement</li><li>iv) inspections and emptying of the sealed sump shall be recorded in the site diary</li><li>v) Uncontaminated drainage from clean yard areas shall be discharged to either surface water or a sewer or a water course or a soak away.</li></ul>
Covered buildings or roofed areas	Where wastes are stored in a building or roofed area: <ul style="list-style-type: none"><li>i) the building or roofed area shall be designed, constructed and maintained to prevent ingress of rain and surface water</li><li>ii) roof water shall be kept separate from contaminated water and other liquids and shall be discharged to either surface water or a sewer or a water course or a soak away.</li></ul>

**Table 2.1 Site containment and drainage standards**

Type of Site Containment and Drainage	Minimum Specified Standards of Design, Construction and Maintenance
Fixed tanks, bays and other fixed containers	All fixed tanks, fixed bays and other fixed containers used for the storage and treatment of wastes must be constructed and maintained to a standard which is fit for purpose.
Storage areas for skips, drums, and other mobile tanks and containers	All skips, drums and other mobile tanks and containers used for the storage and treatment of wastes shall be constructed and maintained so that they do not leak any liquids contained in them.
Inspection and maintenance of engineered containment	All areas of hardstanding, impermeable pavement, sealed drainage systems, covered buildings, roofed areas, fixed tanks, bays and other containers, storage areas for skips, drums and other mobile tanks and containers: <ul style="list-style-type: none"><li data-bbox="954 797 1426 909">i) shall be inspected no less frequently than monthly to ensure the continuing integrity and fitness for purpose of their construction</li><li data-bbox="954 920 1426 1256">ii) in the event of any damage occurring which breaches the integrity of the engineered containment so that it no longer meets the specified standards, the licence holder shall cease importing waste into or treating waste in the affected area, shall notify the Department immediately and shall not recommence importing waste into or treating waste in the affected area until it has been repaired to a standard at least as good as the original specification.</li><li data-bbox="954 1267 1426 1346">iii) All inspections and any necessary maintenance shall be recorded in the site diary.</li></ul>

*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 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 Department and acknowledged in writing by the Department;
- 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 Department and has been acknowledged and approved in writing by the Department.

*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 Department and acknowledged in writing by the Department;
- 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 might 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.
- c** the Validation Report confirming that the engineered site containment and drainage system meets the specified standards has been submitted in writing to the Department and has been acknowledged and approved in writing by the Department.
- d** The existing engineered site containment and drainage system shall be maintained in accordance with the recommendations of the designated engineer and the requirements of Table 2.1.

## 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 The identification board shall be inspected at least once per week. In the event of damage or defect, the board shall be repaired or replaced within 3 working days.
- 3.1.3 The board shall be easily readable from outside the site entrance in daylight hours and shall display the following information:
- a** Site name and address;
  - b** Licence Holder name (company name, not individual name unless justified as necessary);
  - c** Operator name (company name, not individual name unless justified as necessary);
  - d** Licence number;
  - e** Emergency contact name and telephone number of licence holder/operator (for security reasons, personal names and home phone numbers should not be used except where no alternative is practicable);
  - f** Statement that the site is licensed by Northern Ireland Environment Agency, Department of the Environment;
  - g** Northern Ireland Environment Agency Telephone number 028 90 569359 (office hours),
  - h** Days and hours site is open to receive waste.

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

### 3.2 **Site security**

- 3.2.1 Site security systems shall be provided at all times during the subsistence of this licence, the objective of which shall be to prevent access by humans and livestock which is not authorised either by the Licence Holder or under legal powers of entry.<sup>1</sup> These shall be installed, operated and maintained, and shall be fully documented and recorded, in accordance with section 3.2 of the working plan the requirements detailed in Table 3.2:

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<sup>1</sup> The Department will review site security requirements in the light of ongoing site operations and licences may be modified to specify specific requirements.

**Table 3.2 Site security system standards**

Site security system	Specified standards
Timetable of provision	Site security shall be provided before the commencement of the specified waste management operations.
Design standards	Type of security = solid wall, chainlink or palisade fencing or other alternative agreed in writing with the Department Minimum height = 1.8 metres Access = lockable gates of at least the same height as the perimeter fence.
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 and recorded in the site diary. Any defects or damage shall be made secure by the end of the working day, and shall be repaired within 3 working days of the damage being detected. All repairs shall be recorded in the site diary.

## 4 Site operations

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

#### *Prevention of mud and debris on road*

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

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

#### *Remediation of mud and debris on road*

4.1.3 In the event that mud or debris arising from the site is deposited onto public areas outside the site, 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

All such deposits shall be removed within 1 hour of its deposit.

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

#### *Potentially polluting leaks and spillages from vehicles, plant and equipment*

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

*Control and remediation of leaks and spillages*

- 4.2.2 Before the commencement of specified waste management operations, the licence holder shall forward to the Department, an emergency leaks and spillages action plan detailing precautions in place, equipment available and the measures to be taken in the event of a leak or spillage on site. In the event of any potentially polluting leak or spillage occurring on site, documented control and remediation procedures shall be implemented immediately. Such action shall prevent the escape of the material to the environment. Action shall be recorded in the site diary.

4.3 **Fires on the site**

*Prohibition of unauthorised fires on site*

- 4.3.1 No fires shall be permitted within the area covered by this licence. Any fire arising on the site shall be treated as an emergency situation and appropriate action taken to immediately extinguish the fire.

*Fire action plan*

- 4.3.2 Before the commencement of specified waste management operations, the licence holder shall forward to the Department, a fire action plan detailing fire precautions in place, firefighting equipment available and the measures to be taken in the event of a fire on site. In the event of a fire on the site, the fire action plan shall be implemented and the Department shall be informed immediately. Action taken shall be recorded in the site diary.

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 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 Table 4.4 below.

*Waste despatch procedures*

- 4.4.3 All outgoing wastes shall be inspected, despatched and recorded in accordance with Table 4.4 below. All waste despatched from the site shall be sent to licensed facilities.

**Table 4.4 Standards for waste acceptance and control procedures**

Stage of Waste Handling	Specified standards
Waste reception and inspection	All incoming wastes: <ol style="list-style-type: none"><li>shall be inspected on receipt to confirm their description and composition against the relevant waste transfer note and other accompanying documentation.</li><li>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><li>Rejected wastes shall be removed from the site immediately</li></ol>
Waste control procedures: quarantine storage and rejection of wastes	<ol style="list-style-type: none"><li>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 appear to be hazardous wastes, the Department shall be informed immediately.</li><li>In the quarantine area, wastes shall be kept segregated from other wastes which are or are likely to be incompatible and stored in a manner that will not cause risk of environmental pollution, harm to human health or damage to local amenity.</li><li>Quarantined non-permitted wastes, other than those listed in Table 1.2, shall be removed from the site within 7 days.</li><li>A record shall be kept in the site diary of all rejected wastes and all wastes kept in the storage area.</li></ol>
Identification of wastes	Bays and containers shall be clearly defined and labelled to identify the wastes stored within them.
Inspection of wastes for despatch	All wastes despatched from the site shall be inspected prior to despatch to confirm their description and composition. Waste despatched from the site shall only be sent to appropriately authorised facilities.
Incompatible wastes	Incompatible wastes which are likely, in combination with each other or with other material at the facility, to give rise to pollution of the environment or harm to human health, shall be clearly identified and kept physically separate in designated areas.



4.5 **Waste quantity measurement systems**

*Means of measurement*

4.5.1 The weight of all wastes accepted at and despatched from the site shall be determined by means of a weighbridge located within the site. The weighbridge shall record quantities of wastes to an accuracy of 0.02 tonnes and shall be calibrated at least once each year.

4.6 **Storage of specified wastes**

4.6.1 Notwithstanding the specification of permitted waste types under condition 1.2, wastes displaying any of the properties or forms specified in Table 4.6 shall only be handled or stored at the site in accordance with the standards specified in Table 4.6 below.

**Table 4.6 Standards for handling and storage of specified wastes**

Specified waste	Specified standards
Solid wastes which when handled or stored are likely to generate significant quantities of dusts, fibres or particulates.	These wastes are only permitted if they are handled and stored in buildings or containers providing containment of aerial emissions of dusts and particulates. These wastes shall be subject to monitoring in accordance with condition 5.1.
Odorous wastes including wastes which are likely to be odour producing during storage	These wastes are only permitted if stored in buildings providing containment of aerial emissions. These wastes shall be subject to monitoring in accordance with condition 5.2 and shall in any case not be stored for longer than 48 hours unless otherwise agreed in writing with the Department.
Wastes which are likely to attract pests	These wastes shall be subject to monitoring in accordance with condition 5.4 and shall in any case not be stored for longer than 48 hours unless otherwise agreed in writing with the Department.

4.7 **Removal of residual wastes from site**

4.7.1 In the event that the specified waste management operations on the site cease and the Department has reasonable grounds to believe that they will not be resumed within 1 month 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 Department in writing. This shall include, where required by the Department, decontamination of plant, equipment and engineered containment used in the specified waste management operations and emptying of any sealed sumps or interceptors.

5 **Amenity management and reporting**

5.1 **Monitoring and control of dusts, fibres and particulates**

5.1.1 Measures shall be implemented and maintained throughout the operational life of the site to control and monitor emissions of dusts, fibres and particulates from the site, in accordance with Table 5.1 below.

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

**Table 5.1 Standards for monitoring and control of aerial emissions of dusts, fibres and particulates.**

Monitoring of aerial emissions	Site staff supervising individual waste handling operations shall, during the carrying out of those operations, undertake visual monitoring of aerial emissions.
Remedial action	On detection or notification of visible aerial emissions that are likely to be transported beyond the site boundary, 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.  The incident and the remedial action shall be recorded in the site diary.

5.2 **Monitoring and control of odours**

5.2.1 Measures shall be implemented and maintained throughout the operational life of the site to control and monitor emissions of odours from the site, in accordance with Table 5.2.

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 Department.

**Table 5.2 Standards for monitoring and control of emissions of odours**

Monitoring of odorous emissions	Olfactory monitoring of aerial emissions from the site shall be carried out: <ul style="list-style-type: none"><li>i. 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</li><li>ii. By site staff supervising individual waste handling operations during the carrying out of those operations.</li></ul>
Remedial action	<p>On detection or notification of aerial emissions of odour that 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>The incident and the remedial action shall be recorded in the site diary.</p>

5.3 **Control of noise**

5.3.1 Measures shall be implemented and maintained throughout the operational life of the site, in accordance with this condition and the working plan, to control and minimise the levels of noise from operations on the site beyond the site boundary.

5.4 **Control of pest infestations**

5.4.1 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 Table 5.4.

**Table 5.4 Standards for monitoring and control of pest infestations**

Monitoring of pest infestations	An inspection of stored wastes for pest infestations shall be carried out at least at weekly intervals and shall be recorded in the site diary.
Remedial action	<p>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>The incident and the remedial action shall be recorded in the site diary.</p>

5.5 **Control of litter**

- 5.5.1 Measures shall be implemented and maintained throughout the operational life of the site to control and monitor the escape of litter from the confines of the site.
- 5.5.2 In the event that litter does escape from the site, it shall be retrieved as soon as practicable and no later than 1 hour after its escape.

## 6 Site records

### 6.1 Security and availability of records

#### *Security of records*

- 6.1.1 All records which are required to be made under the other conditions of this licence and the working plan shall be maintained and kept secure from loss, damage or deterioration, and shall be kept in accordance with the requirements specified in Table 6.1 below.

#### *Availability of records*

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

**Table 6.1**

Site records	Specified standards
Wastes accepted Wastes rejected Wastes dispatched Site diaries	All records shall be stored either: i. On paper in a secure cabinet or cupboard; or ii. On computer disc with a back up copy  Records shall be kept for a minimum of 2 years.  All hazardous waste consignment notes must be stored as paper copies in a secure cabinet or cupboard on site for a minimum of 3 years, in accordance with Regulation 40 of The Hazardous Waste Regulations (Northern Ireland) 2005

### 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 site. This record shall include the following details:
- a** Loads in :- Waste type as specified under condition 1.2 and the relevant European Waste Catalogue code , quantity (tonnes), date received, date accepted, producer, registered carrier.

- b** Loads out :- Waste type as specified under condition 1.2 and the relevant European Waste Catalogue code, quantity of waste removed (tonnes), date removed, authorised point of disposal, registered carrier, consignment note number.

*Summary records of wastes accepted and removed*

- 6.2.2 A summary record of the waste types accepted and removed from the site shall be made for each quarter of the financial year, and shall be submitted to the Department within 1 month following the end of the quarter. The summary record shall be in a format agreed by the Department 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 Department. This shall include a record of all events listed below as well as information required under any other condition of this licence. Each record shall be completed by the end of each working day.

- a** construction work
- b** start and finish of daily waste management activities on site
- c** maintenance
- d** breakdowns
- e** incidents and 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** any instruction issued to staff regarding compliance with licence conditions
- j** despatch of records to the Agency
- k** severe weather conditions
- l** complaints about site operations and actions taken
- m** environmental problems and remedial actions
- n** any actions taken in response to site monitoring

## 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. This also includes waste that does not conform to the licence conditions being stored in quarantine areas for removal from the site;

*“authorised officer of the Department”*

means any person(s) authorised in writing by the Department pursuant to Part IV of the Waste and Contaminated Land (NI) Order 1997;

*“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 Department 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 Department, 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 Department within the conditions);

*“inert waste “*

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

*“maintenance”*

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

*“preparatory works”*

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

*“probability”*

means the quantified expression of chance, denoted either as:

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

*“received”*

for waste being delivered to the site, shall mean delivered to the site and undergoing the waste acceptance procedures specified in the working plan, including storage of those wastes during those procedures prior to acceptance of the waste and including wastes that do not conform to licence conditions being kept on the site in quarantine areas pending collection;

*“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/prescribed offences”*

are offences within the meaning of Regulation 2 of the Waste Management Licensing Regulations (NI) 2003, 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 Department 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 Department within the conditions;

*“hazardous waste”*

has the meaning as defined in the Hazardous Waste Regulations (Northern Ireland) 2005 or any statutory provisions or regulations amending or replacing them;

*“specified waste management operations”*

means the waste management operations authorised by condition 1 of this licence;

*“surface water”*

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

*“the 1997 Order”*

means the Waste and Contaminated Land (Northern Ireland) Order 1997 any statutory provisions or regulations amending or replacing them.

*“the 2003 Regulations”*

Means the Waste Management Licensing Regulations (Northern Ireland) 2003

*“the Department”*

means the Department of Environment;

*"the Licence Holder"*

means the Licence Holder specified in this licence or other person to whom the licence has been transferred in accordance with Article 14 of the 1997 Order.

*"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 waste as defined in Article 2(2) of the 1997 Order or any statutory provisions or regulations amending or replacing it;

*"working plan"*

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



EXPLANATORY NOTES - including rights of appeal.

**RIGHTS OF APPEAL**

Article 17 of the Waste and Contaminated Land (NI) Order makes provision for the applicant to appeal the Decision of the Department to the Planning Appeals Commission where:

1. An application for a licence, or a modification of the conditions of a licence is refused;
2. a licence is granted subject to conditions;
3. the conditions of a licence are modified;
4. a licence is suspended;
5. a licence is revoked under Article 12 or 16;
6. an application to surrender a licence is refused; or
7. an application for the transfer of a licence is refused.

Appeals should be made by notice in writing. Such a notice shall be accompanied by:

1. a statement of the grounds of the appeal;
2. where the appeal relates to an application for a waste management licence or for the modification, surrender or transfer of a waste management licence, a copy of the appellants application and any supporting documents;
3. where the appeal relates to an existing waste management licence (including a waste management licence which has been suspended or revoked) a copy of that licence;
4. a copy of any correspondence relevant to the appeal;
5. a copy of any other document relevant to the appeal including, in particular, any relevant consent, determination, notice, planning permission under the Planning (NI) Order 1991(a) or consent under the Water (NI) Order 1999; and
6. a statement indicating whether the appellant wishes to appear before and be heard by the Planning Appeals Commission.

Notice of appeal must be given within 2 months of the date of the decision which is the subject of the appeal. Notices of appeal should be sent to:

The Planning Appeals Commission  
Park House  
87-91 Great Victoria Street  
Belfast  
BT2 7AG



Northern Ireland  
Environment Agency  
RECEIVED

14 JAN 2011



**Samuel Wilson**  
DESIGN ASSOCIATES

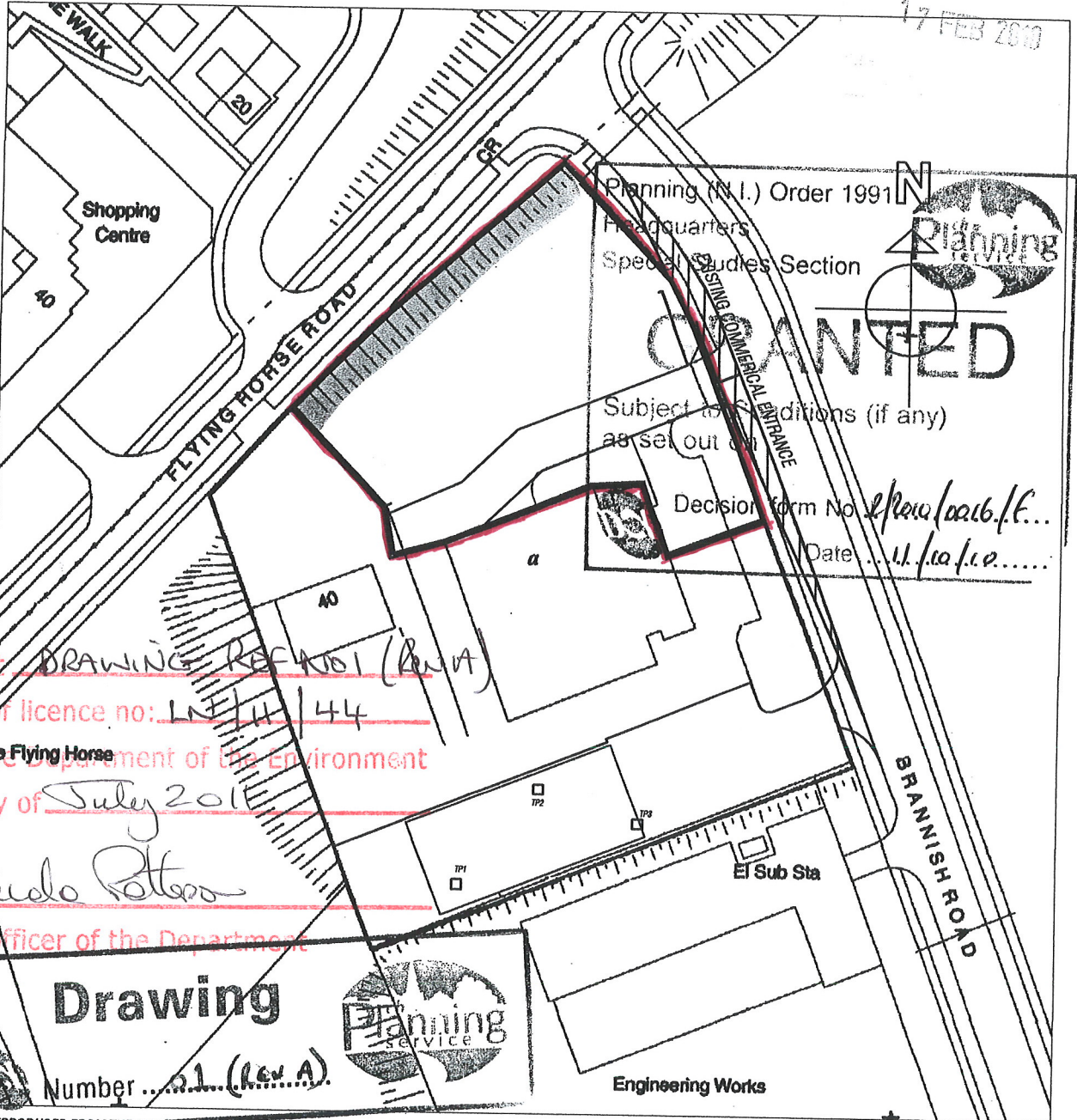
CONSULTING ENGINEERS  
&  
SURVEYORS



Land & Resource Management

Map No. 09074-00A *Site Location Map*

17 FEB 2010



I certify that DRAWING REF NO 1 (Rev A)  
forms part of licence no: LN/11/44  
Issued by the Department of the Environment  
on 25 day of July 2010

Signed: Paulo Peters  
Authorised officer of the Department

**Drawing**  
Number 01 (Rev A)  
Planning Service logo

REPRODUCED FROM THE ORDNANCE SURVEY MAP WITH THE SANCTION OF THE CONTROLLER OF HER MAJESTYS STATIONERY OFFICE  
LICENCENo. :1862

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*Address 1 Brannish Road*  
*OS Ref: 224-12SW3 Down*

**AREA OF SITE 0.39Ha**

*Scale 1:1250*

"WILSON HOUSE" 33B ALBERT ROAD, CARRICKFERGUS CO. ANTRIM BT38 8AD  
TEL: (028) 9336 9542 FAX: (028) 9332 9333  
EMAIL: INFO@WILSONDESIGNASSOCIATES.CO.UK  
WEBSITE: WWW.WILSONDESIGNASSOCIATES.CO.UK



**Waste and Contaminated Land (NI) Order 1997**  
**WASTE MANAGEMENT LICENCE**

**LICENCE REF No: LN/09/20 FACILITY TYPE :- Tyre Shredding/Crumbing Facility**

The Department of the Environment, in pursuance of the Waste and Contaminated Land (NI) Order 1997, hereby grants a waste management licence authorising the keeping and treating of controlled waste on the land specified in schedule 1 to this licence to:

**Entyre Recycling**  
**17 Culbane Lane**  
**Garvagh**  
**Co Londonderry**  
**BT51 5BT**

they 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 17 Culbane Lane, Garvagh, Co. Londonderry, BT51 5BT (hereinafter called "the site") outlined in red on Drawing No.02, included in Planning Application C/2007/1122/F, stamped approved 18<sup>th</sup> November 2008 and attached to this licence.

Signed <u>Jim Wright</u>
Name :- Jim Wright Authorised Officer of NIEA
Dated <u>05/03/2009</u>

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



Waste and Contaminated Land (NI) Order 1997  
**WASTE MANAGEMENT LICENCE**

**LICENCE REF No:LN/12/29**

**FACILITY TYPE :- Authorised  
Treatment Facility for the Depollution and  
Dismantling of End-of-life Vehicles.  
Tyre Baling, Shredding and Storage.  
Metal Sorting and Storage.**

The Department of the Environment, in pursuance of the Waste and Contaminated Land (NI) Order 1997, hereby grants a waste management licence authorising the keeping and treating of controlled waste on the land specified in schedule 1 to this licence to:

**Mr Peter O'Kane and Mrs Mary O'Kane T/A PPP Group  
79 Gortgole Road  
Portglenone  
Co Antrim  
BT44 8AN**

they 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 79 Gortgole Road, Portglenone (hereinafter called "the site") outlined in red on Drawing No. 01, included in Planning Application G/2010/0389/F dated 18<sup>th</sup> June 2010, stamped approved 7<sup>th</sup> June 2011 and attached to this licence.

**The Waste Management Licence (Licence REF No :- LN/10/53 provided by Northern Ireland Environment Agency on 26<sup>th</sup> October 2010 shall be deleted in total and replaced by the conditions contained in the attached Schedule 2 which shall take effect forthwith.**

Signed Pamela Patterson

Name :- Pamela Patterson  
Authorised Officer of NIEA

Dated 5 September 2012

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





**SCHEDULE 2 - CONDITIONS RELATING TO THIS LICENCE**



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 1.1; or

otherwise required by the conditions of this licence as being an integral part of those operations:

1.1.2 **Avoidance, recovery and disposal of wastes produced by the activities**

The operator shall take appropriate measures to ensure that:

(a) the waste hierarchy referred to in Article 4 of the Waste Framework Directive is applied to the generation of waste by the activities; and

(b) any waste generated by the activities is treated in accordance with the waste hierarchy referred to in Article 4 of the Waste Framework Directive; and

(c) where disposal is necessary, this is undertaken in a manner which minimises its impact on the environment.

The operator shall review and record at least every four years whether changes to those measures should be made and take any further appropriate measures identified by a review.

## General considerations

**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
R12: Exchange of wastes for submission to any of the operations numbered R1 to R11 (R12)	<p>Wastes identified by the following EWC codes:</p> <p>13 02 05* - mineral-based non-chlorinated engine, gear and lubricating oils</p> <p>13 02 08* - other engine, gear and lubricating oils</p> <p>13 07 01* - fuel oil and diesel</p> <p>13 07 02* - petrol</p> <p>13 07 03* - other fuels (including mixtures)</p> <p>14 06 01* - chlorofluorocarbons, HCFC, HFC</p> <p>16 01 03 – end of life tyres</p> <p>16 01 04* - end of life vehicles</p> <p>16 01 06 – end of life vehicles, containing neither liquids nor other hazardous components</p> <p>16 01 07* - oil filters</p> <p>16 01 08* - components containing mercury</p> <p>16 01 09* - components containing PCBs</p> <p>16 01 10* - explosive components (for example air bags)</p> <p>16 01 13* - brake fluids</p> <p>16 01 15 – antifreeze fluids other than those mentioned in 16 01 14</p> <p>16 01 16 – tanks for liquefied gas</p> <p>16 01 17 – ferrous metal</p> <p>16 01 18 – non-ferrous metal</p> <p>16 01 19 – plastic</p> <p>16 01 20 – glass</p> <p>16 01 22 – components not otherwise specified</p> <p>16 01 99 – wastes not otherwise specified</p> <p>16 06 01* - lead batteries</p> <p>16 06 02* - Ni-Cd batteries</p> <p>16 06 03* - mercury-containing batteries</p> <p>16 06 04 – alkaline batteries (except 16 06 03)</p> <p>16 08 01 – spent catalysts</p>	<p>Treatment restricted to:</p> <ol style="list-style-type: none"> <li>i. depollution of ELV's,</li> <li>ii. dismantling of ELV's</li> <li>iii. the sorting and shredding of end-of-life tyres.</li> <li>iv. The sorting of scrap metal</li> </ol> <p>The treatment of ELV's shall meet the requirements set out in Parts I and II of Schedule 5 of The Waste Management Licensing Regulations (Northern Ireland) 2003.</p> <p>All wastes shall be treated in compliance with planning application G/2010/0389/F dated 18<sup>th</sup> June 2010 and stamped approved 7<sup>th</sup> June 2011.</p> <p>Infrastructure and equipment provided to meet these obligations shall be maintained in working order and shall be used to give effect to their purpose.</p> <p>Immediately after the depollution process is completed, each ELV shall be marked to indicate that it has been depolluted. The method of marking vehicles shall be agreed in writing with the Department.</p>

**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
	containing gold, silver, rhenium, rhodium, palladium, iridium or platinum (except 16 08 07) 19 10 01 – iron and steel waste 19 10 02 – non-ferrous waste 19 10 04 – fluff-light fraction and dust other than those mentioned in 19 10 03 19 10 06 – other fractions other than those mentioned in 19 10 05 19 12 02 – ferrous metal 19 12 03 – non-ferrous metal 19 12 04 – plastic and rubber	
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 Schedule 3 of the 2003 Regulations, (excluding temporary storage, pending collection, on the site where it is produced).	All treated and untreated wastes identified by EWC Codes above as well as articles and materials removed from End-of-life Vehicles during the depollution process.	The storage of ELV's and any article or material removed from them shall meet the requirements set out in Parts I and II of Schedule 5 of The Waste Management Licensing Regulations (Northern Ireland) 2003.
D15: Storage pending, on this site any of the category 'D' operations authorised under this column, or elsewhere than on this site, any of the operations listed in Schedule 3 of the 2003 Regulations, (excluding temporary storage, pending collection, on the site where it is produced).		All wastes shall be stored in compliance with planning application G/2010/0389/F dated 18 <sup>th</sup> June 2010 and stamped approved 7 <sup>th</sup> June 2011.  All wastes shall be stored so that incompatible wastes which are likely to give rise to pollution of the environment or result in harm to human health, either in combination with each other, or with other material at the facility, will be clearly identified and kept physically separate.  Lead batteries shall be stored in appropriate weatherproof containment sited on impermeable pavement constructed and maintained in compliance with condition 2.1.  Hazardous waste storage shall be in appropriate, weatherproof containment sited on impermeable pavement constructed and maintained in compliance with condition 2.1.  All other wastes shall be stored on areas of impermeable pavement or hardstanding, constructed and maintained in compliance with condition 2.1.

*Specified Waste Management Operations and Exempt Waste Management Operations*

- 2.1.1 Where wastes are being brought onto the site for waste management operations which are exempt from licensing under the 2003 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.

2.2 **Permitted wastes**

*Permitted categories and types of wastes*

- 2.2.1 No wastes other than those which are categorised in Table 1.1 shall be accepted at the site.

Permitted quantities of wastes

- 2.2.2 The quantities of wastes accepted shall not exceed those listed in Table 1.2. Whilst complying with the maximum quantities specified for each specified waste management operation, the total quantity of waste accepted at the site per year shall not exceed 42,000 tonnes and the total quantity of waste stored at the site at any one time shall not exceed 9,000 tonnes.



**Table 1.2 Permitted quantities of waste**

<b>Permitted Waste Categories</b>	<b>Maximum Permitted Quantities</b>
Undepolluted End-of-life vehicles	Maximum daily intake – 50 vehicles Maximum storage capacity – 50 vehicles Maximum annual throughput – 20,000 vehicles Maximum storage time before depollution - 1 month
Depolluted End-of-life vehicles	Maximum storage capacity – 100 vehicles Maximum storage time after depollution – 12 months
Residual wastes produced as a result of depollution of End-of-life vehicles	
Fuel oils – Petrol	Maximum storage capacity – 100 litres
Fuel oils - Red Diesel	Maximum storage capacity – 1000 litres
- Clear Diesel	Maximum storage capacity – 1000 litres
Dirty Fuels	Maximum storage capacity – 1000 litres
Coolant	Maximum storage capacity – 1000 litres
Engine/Transmission/Hydraulic oils	Maximum storage capacity – 1000 litres
Brake Fluid	Maximum storage capacity – 1000 litres
Window wash	Maximum storage capacity – 200 litres
Batteries	Maximum storage capacity – 5 tonnes
Other residual wastes	Maximum storage capacity –20 tonnes
Maximum Storage Time after Depollution	6 months
Tyre waste consisting of	Maximum daily intake – 70 tonnes
Whole Tyres	Maximum storage capacity – 10,000 m3
Tyre Bales	Maximum annual throughput – 22,000 tonnes
Tyre Shred	Maximum storage time - 6 months
<u>Scrap Metal</u>	Maximum daily intake – 6 tonnes Maximum storage capacity – 1500 tonnes Maximum annual throughput – 1500 tonnes Maximum storage time – 12 months

*Exclusion of wastes with other specified characteristics*

- 2.2.3 Notwithstanding the specification of permitted waste types under conditions 1.2.1 and 1.2.2 above, wastes shall not be accepted at the site in the form of powder, sludge or liquid.

**Table 1.2.A Excluded hazardous wastes with specified hazard codes**

Hazard Code	Hazardous Properties
H1	Explosive
H9	Infectious
H10	Teratogenic
H11	Mutagenic
H12	Substances or preparations which release toxic or very toxic gases in contact with water, air or an acid

2.3 **Hours of operation**

Monday – Friday: 08:00hrs to 18:00hrs

Saturday: 08:00hrs to 18:00hrs

Sunday: Closed

2.4 **Working Plan**

All operations shall be carried out in accordance with the Working Plan included with this application. Where any licence condition conflicts with the Working Plan, the licence condition shall take precedence over the Working Plan.

2.5 **Staffing and understanding of requirements of licence conditions and Working Plan**

*Minimum staffing and supervision*

2.5.1 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 Department.

*Availability of licence and Working Plan*

- 2.5.2 A copy of this licence and the Working Plan shall be kept available on site for reference when required by all site staff carrying out work under the requirements of the licence.

*Understanding of licence and Working Plan*

- 2.5.3 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.

2.6 **Technically Competent Persons**

- 2.6.1 The management of all the specified waste management activities permitted by this licence shall be in the hands of a technically competent person. Any changes in the technically competent management of the site and the name of any incoming person together with evidence that such person has the required technical competence shall be submitted to the Department in writing within 5 working days of the change in management. Technically competent management and technical competence shall be as defined under Regulations 3 to 5 of the 2003 Regulations.

*Attendance of Technically Competent Persons*

Attendance requirements for the technically competent person shall be as required in the EHS Guidance, 'Technical Competence for Operators of Authorised Waste Facilities', December 2003. Attendance of the technically competent person at the site shall be recorded in the site diary on arrival and departure.

2.7 **Relevant convictions**

*Notification of relevant convictions*

- 2.7.1 In the event of the Licence Holder and/or any relevant person being convicted of any prescribed offence (as defined by Regulation 2 of the 2003 Regulations) and which is in addition to any already notified to the Department, then full details shall be provided to the Department within 14 days following sentencing, whether or not the conviction or sentence is subsequently appealed. Such details shall include, in respect of each relevant person (as defined in Article 3 of the Waste and Contaminated Land (NI) Order 1997 or any subsequent amendments to those regulations), the nature of the offence, the place and date of conviction, and any fine or other penalty imposed.

*Notifications of appeals against convictions*

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

2.8 **Maintenance of financial provision**

The financial provision put in place by the Licence Holder for meeting the obligations under this Licence shall be maintained by the Licence Holder throughout the subsistence of this Licence and the Licence Holder shall produce evidence of such provision whenever required by the Department. Within 1 month of granting of this licence, the Licence Holder shall provide evidence to satisfy the Department that the financial provision referred to above is in place.

2.9 **Amendments to the Working Plan and supporting information**

- 2.9.1 The Licence Holder shall give the Department prior notice in writing of any proposed change to the Working Plan, and to any associated appendices, drawings and figures which are referenced in the Working Plan. 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.

- 2.9.2 The proposed change to the Working Plan shall not be implemented unless the Department has given its written consent to it. Following consent, the Licence Holder shall give the Department 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.

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

***This condition refers to changes in details concerning the existing licence holder/operator. Any change in licence holder identity requires formal application to the Department. Change of licence holder or operator outside these requirements constitutes a breach of a licence condition.***

- 2.10.1 The following information shall be notified in writing within 5 working days to the Department:
- a** where the Licence Holder is an individual or named individuals:
    - i** where the Licence Holder consists of more than one named individual, the death of any of those individuals;

- ii any change in the Licence Holder's name(s) or address(es);
  - iii 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 them being in a partnership, dissolving the partnership;
  - iv 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);
- b where the Licence Holder is a registered company:
  - i i) any change in the Licence Holder's trading name, registered name or registered office address;
  - ii ii) any steps taken with a view to the Licence Holder going into administration, entering into a company voluntary arrangement or being wound up;
  - iii the operator at the time of issue of the licence and of any change in the operator or in the operator's trading name, address, registered name or registered office address (if different from the Licence Holder);
- c 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;
  - 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)

2.11 **Notification of preparatory works**

- 2.11.1 No preparatory works shall be undertaken until at least 7 days prior notice in writing has been given to the Department of the intention to do so. The notification shall include details of what work is being done and when.

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

*Specified waste management operations*

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

*Cessation and recommencement of receiving wastes*

2.12.2 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 Department in writing of the date of cessation and of the planned date of recommencement. In the event that the site recommences receiving wastes sooner than the notified date then the Licence Holder shall give the Department not less than 7 days prior notice in writing.

2.13 **Notifications and submissions to Department**

2.13.1 Except where otherwise specified, all notifications and submissions to the Department under the requirements of these licence conditions:

- a** shall be made in writing to the address specified by the Department 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.

### 3 Site engineering for pollution prevention and control

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

##### *Provision and maintenance of site containment and drainage systems*

3.1.1 No waste or other potentially polluting materials which are to be used in combination with those wastes in the specified waste management operations 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.

Before the commencement of any of the specified waste management operations, a site plan and construction details of the site containment and drainage system shall be supplied to the Department showing the details listed below. The acceptability of the system together with the timescale for required improvements shall be agreed in writing with the Department:

- a** Layout of areas of hardstanding;
- b** Layout of areas of impermeable pavement; and
- c** Layout of drainage systems, including details of following, where provided:
  - i** kerbing;
  - ii** interceptors;
  - iii** discharge points;
  - iv** sumps;
  - v** sealed drainage;
  - vi** isolation systems;
- d** Location and layout of covered buildings and roofed areas, where provided;
- e** Location and design of fixed tanks – above ground and underground – where provided, with layout of bunds and impermeable pavements or other engineered secondary containment;
- f** Location and layout of storage areas for drums and other mobile tanks and containers holding potentially polluting or hazardous wastes in liquid, sludge or powder form with layout of silled or bunded areas and impermeable pavements.

3.1.2 The engineered site containment and drainage systems shall be designed, constructed, inspected and maintained, and shall be fully documented and recorded, to be fit for purpose and to meet the standards specified in Table 2.1 below:

**Table 2.1 Site containment and drainage standards**

Type of Site Containment and Drainage	Minimum Specified Standards of Design, Construction and Maintenance
a) Hardstanding	<p>Areas of hardstanding shall be constructed of granular material (e.g. crushed stone, aggregate, road planings or similar material) and maintained such that the working surface:</p> <ol style="list-style-type: none"><li>shall remain even</li><li>shall not be subject to settlement</li><li>shall not be subject to rutting by vehicles even when wet</li><li>shall have sufficient durability to allow cleaning for example by scraping</li><li>shall remain free of standing water</li></ol>
b) Impermeable pavement, bunding and sills	<p>Areas of impermeable pavement, bunding and sills shall be constructed and maintained so as to prevent fluids running off the pavement and the transmission of fluids through the pavement or joints.</p> <p>Areas of impermeable pavement shall be:</p> <ol style="list-style-type: none"><li>laid to take the weight of relevant vehicles, plant and equipment without cracking or breaking</li><li>free from cracks which could reduce impermeability</li><li>resistant to mechanical, physical and chemical stresses to which they may be subjected</li><li>fall towards the drainage system to prevent ponding</li></ol> <p>No liquid shall run off areas of impermeable pavement other than via the drainage system.</p>
c) Sealed drainage systems	<p>Drainage to areas of impermeable pavement shall be provided by a sealed drainage system that is comprised of a drainage system with impermeable components, which does not leak and, which will ensure that:</p> <ul style="list-style-type: none"><li>no liquid will run off the pavement otherwise than via the system; and</li><li>except where they may be lawfully discharged, all liquids entering the system are collected in a sealed sump.</li></ul> <ol style="list-style-type: none"><li>sealed sumps shall be inspected no less frequently than daily and after rain, emptied when the collected liquids reach 80% of its capacity as measured using a dipstick or equivalent gauge, and constructed and maintained so as to collect and contain all liquids which run off the pavement.</li><li>inspections and emptying of sealed sumps shall be recorded in the site diary.</li><li>uncontaminated drainage from clean yard areas shall be kept separate and discharged to either surface water or sewer or watercourse or soak away.</li></ol>
d) Covered buildings or roofed areas	<p>Where wastes are stored or treated in a building or roofed area:</p> <ol style="list-style-type: none"><li>The building or roofed area 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 soak away.</li></ol>
e) Fixed tanks	<ol style="list-style-type: none"><li>All fixed tanks used for the storage and treatment of wastes must be constructed and maintained to a standard which is fit for purpose.</li><li>All fixed tanks (and their associated inlet and outlet pipes and valves) used for the storage of potentially polluting or hazardous wastes, shall be located within a bund and on an impermeable pavement, which shall be</li></ol>



**Table 2.1 Site containment and drainage standards**

Type of Site Containment and Drainage	Minimum Specified Standards of Design, Construction and Maintenance
	<p>isolated from the site drainage system. The capacity of any bund shall be at least 110% of the total capacity of all tanks within it.</p> <p>c) All underground tanks (and their associated inlet and outlet pipes and valves) used for the storage of potentially polluting or hazardous wastes in liquid, sludge or powder form shall be located within engineered secondary containment, which shall be isolated from the site drainage system.</p>
f) Storage areas for skips, drums and other mobile tanks and containers	<p>All skips, drums and other mobile tanks and containers having individual capacities of greater than 10 litres which are used for the storage of wastes, shall be constructed and maintained so that they do not leak any liquids contained in them.</p>
g) Inspection and maintenance of engineered containment	<p>All areas of hardstanding, impermeable pavement, sealed drainage systems, covered buildings, roofed areas, fixed tanks, bays and other containers, storage areas for skips, drums and other mobile tanks and containers:</p> <ul style="list-style-type: none"> <li data-bbox="762 775 1410 860">i) shall be inspected no less frequently than monthly to ensure the continuing integrity and fitness for purpose of their construction</li> <li data-bbox="762 869 1410 1093">ii) in the event of any damage occurring which breaches the integrity of the engineered containment so that it no longer meets the specified standards, the licence holder shall cease importing waste into or treating waste in the affected area, shall notify the Department immediately and shall not recommence importing waste into or treating waste in the affected area until it has been repaired to a standard at least as good as the original specification.</li> <li data-bbox="762 1102 1410 1155">iii) All inspections and any necessary maintenance shall be recorded in the site diary.</li> </ul>

*Construction quality assurance of new site containment and drainage systems*

- 3.1.3 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 Department and acknowledged in writing by the Department;
  - 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 Department and has been acknowledged and approved in writing by the Department.

*Construction quality assurance of existing site containment and drainage systems*

3.1.4 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 Department and acknowledged in writing by the Department;
- 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 might 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.
- c** the Validation Report confirming that the engineered site containment and drainage system meets the specified standards has been submitted in writing to the Department and has been acknowledged and approved in writing by the Department.
- d** The existing engineered site containment and drainage system shall be maintained in accordance with the recommendations of the designated engineer and the requirements of Table 2.1.

## 4 Site infrastructure

### 4.1 **Provision of site identification board**

4.1.1 No wastes shall be received at the site until an identification board has been provided at or near the site entrance.

4.1.2 The identification board shall be inspected at least once per week. In the event of damage or defect, the board shall be repaired or replaced within 3 working days.

4.1.3 The board shall be easily readable from outside the site entrance in daylight hours and shall display the following information:

- a** Site name and address;
- b** Licence Holder name (company name, not individual name unless justified as necessary);
- c** Operator name (company name, not individual name unless justified as necessary);
- d** Licence number;
- e** Emergency contact name and telephone number of licence holder/operator (for security reasons, personal names and home phone numbers should not be used except where no alternative is practicable);
- f** Statement that the site is licensed by Northern Ireland Environment Agency, Department of the Environment;
- g** Northern Ireland Environment Agency telephone number: 028 90 569359 (office hours),
- h** Days and hours site is open to receive waste.

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

### 4.2 **Site security**

4.2.1 Site security systems shall be provided at all times during the subsistence of this licence, the objective of which shall be to prevent access by humans and livestock which is not authorised either by the Licence Holder or under legal powers of entry.<sup>1</sup> These shall be installed, operated and maintained, and shall be fully documented and recorded, in accordance with the working plan and the requirements detailed in Table 3.2:

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<sup>1</sup> The Department will review site security requirements in the light of ongoing site operations and licences may be modified to specify specific requirements.

**Table 3.2 Site security system standards**

Site security system	Specified standards
Timetable of provision	Site security shall be provided before the commencement of the specified waste management operations.
Design standards	Type of security = solid wall, chainlink or palisade fencing or other agreed alternative Minimum height = 1.8 metres Access = lockable gates of at least the same height as the perimeter fence.
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 and recorded in the site diary. Any defects or damage shall be made secure by the end of the working day, and shall be repaired within 3 working days of the damage being detected. All repairs shall be recorded in the site diary.

## 5 Site operations

### 5.1 **Control of mud and debris**

#### *Prevention of mud and debris on road*

5.1.1 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 outside the site.

5.1.2 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 their loads are secure.

#### *Remediation of mud and debris on road*

5.1.3 In the event that mud or debris 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

All such deposits shall be removed within 1 hour of its deposit.

### 5.2 **Potentially polluting leaks and spillages of waste**

#### *Potentially polluting leaks & spillages from vehicles, plant & equipment*

5.2.1 All vehicles used on the site by the operator, and all plant and all equipment used on the site in connection with specified waste management operations, shall be operated and maintained with the objective of preventing potentially polluting leaks and spillages of wastes or other potentially polluting materials which are to be used in combination with those wastes in the specified waste management operations.

*Potentially polluting leaks & spillages from tanks, skips, drums & other containers*

- 5.2.2 Each tank, skip, drum or other container used to hold wastes which consist of or contain end of life vehicle fluids or hazardous residual wastes, or other potentially polluting materials which are to be used in combination with those wastes in the specified waste management operations shall be:
- a** loaded and unloaded in accordance with the handling procedures specified in Table 4.2;
  - b** filled and emptied in accordance with the filling and emptying procedures specified in Table 4.2;
  - c** clearly and unambiguously labelled regarding its contents, unless the contents are clearly identifiable by visual inspection;
  - d** inspected and maintained according to the maintenance schedules and procedures specified in Table 4.2, which shall be fully documented and recorded;
  - e** in the event of damage or deterioration to a container that is, or is likely to cause, a leak, that container shall be repaired or replaced immediately.

*Control & remediation of leaks & spillages*

- 5.2.3 All areas of impermeable pavement shall be provided with suitable cleanser-degreaser equipment.
- 5.2.4 In the event of any potentially polluting leak or spillage occurring on site, documented control and remediation procedures shall be implemented immediately and recorded, and shall meet the standards specified in Table 4.2 below.

**Table 4.2 Standards for prevention & control of leaks and spillages**

Action	Specified standards
a) Loading and unloading skips, drums and other containers	i) Loading and unloading of skips, drums and other containers shall be supervised at all times by a member of staff. ii) Lids/ caps/ bungs or other closures shall be in place during loading/ unloading. iii) Loading/ unloading shall be carried out in an area provided with engineered containment of the type required for that waste and of the standard of containment specified under condition 2.1
b) Filling and emptying, tanks, drums and other containers	i) Filling and emptying of tanks, drums and other containers shall be supervised at all times by a member of staff. ii) Lids/ caps/ bungs or other closures shall be in place at the end of filling iii) Containers, tanks and drums shall not be filled beyond their operational capacity. iv) Filling and emptying shall be carried out in a bunded area maintained in accordance with condition 2.1 v) Measurement of level/ void space shall be by physical dipping prior to loading.
c) Inspection, maintenance and repair of skips, tanks, drums and other containers	i) Skips, tanks, drums and other containers shall be inspected daily for leaks. ii) Any fixed tanks found to be leaking shall have their contents immediately transferred to an alternative appropriate tank or container. iii) Any skips, drums and/or other containers found to be leaking either shall be immediately transferred to a larger appropriate over-container or shall have their contents immediately transferred to an alternative appropriate tank or container.
d) Control and remediation of leaks and spillages	i) Minor spillages of oil, fuel or other end of life vehicle fluid shall be cleaned up immediately, using sand or proprietary absorbent to clean up liquids and placed in alternative containers. ii) Major spillages of oil, fuel or other end of life vehicle fluid which are causing or are likely to cause polluting emissions to the environment: <ul style="list-style-type: none"> <li>• Immediate action shall be taken to contain the spillage and prevent liquid from entering surface water drains, water courses and unsurfaced ground;</li> <li>• the spillage shall be cleared immediately and placed in alternative appropriate containers;</li> <li>• the NIEA shall be informed immediately.</li> </ul>

### 5.3 **Fires on the site**

#### *Prohibition of unauthorised fires on site*

- 5.3.1 No fires shall be permitted within the area covered by this licence. Any fire arising on the site shall be treated as an emergency situation and appropriate action taken to immediately extinguish the fire. No smoking shall be permitted within the area covered by this licence.

*Fire action plan*

- 5.3.2 Before the commencement of specified waste management operations, the licence holder shall forward to the Department, a fire action plan detailing fire precautions in place, fire-fighting equipment available and the measures to be taken in the event of a fire on site. In the event of a fire on the site, the fire action plan shall be implemented immediately in accordance with the working plan and the Department shall be informed immediately. Action taken shall be recorded in the site diary.

5.4 **Waste acceptance and control procedures**

*Waste acceptance procedures*

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

*Waste control procedures*

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

*Waste despatch procedures*

- 5.4.3 All outgoing wastes shall be inspected, despatched and recorded in accordance with Table 4.4 below. All waste despatched from the site shall be sent to licensed facilities.



**Table 4.4 Standards for waste acceptance and control procedures**

<b>Stage of Waste Handling</b>	<b>Specified standards</b>
Waste reception and inspection	<p>Wastes shall only be received at the site through the site entrance.</p> <p>All incoming wastes:</p> <ol 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> <li>iii. Rejected wastes shall be removed from the site immediately</li> </ol>
Waste control procedures: quarantine storage and rejection of wastes	<ol style="list-style-type: none"> <li>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 appear to be hazardous wastes, the Department shall be informed immediately.</li> <li>ii. In the quarantine area, wastes shall be kept segregated from other wastes which are or are likely to be incompatible and stored in a manner that will not cause risk of environmental pollution, harm to human health or damage to local amenity..</li> <li>iii. Quarantined wastes shall be removed from the site within 7 days.</li> <li>iv. A record shall be kept in the site diary of all rejected wastes and all wastes kept in the storage area.</li> </ol>
Identification of wastes	Bays and containers shall be clearly defined and labelled to identify the wastes stored within them.
Inspection of wastes for despatch	All wastes despatched from the site shall be inspected prior to despatch to confirm their description and composition. Waste despatched from the site shall only be sent to appropriately licensed facilities.
Incompatible wastes	Incompatible wastes which are likely, in combination with each other or with other material at the facility, to give rise to pollution of the environment or harm to human health, shall be clearly identified and kept physically separate in designated areas.

## 5.5

### **Waste quantity measurement systems**

#### *Means of measurement*

##### 5.5.1

All wastes accepted at and despatched from the site shall be measured in accordance with the following requirements:

- a** The weight of all wastes accepted at and despatched from the site shall be determined by means of a weighbridge or scales located within the site or, public weighbridge.
- b** The weighbridge shall record quantities of wastes in tonnes to an accuracy of 0.01 tonnes.

- c** The weighbridge shall be maintained in working order and shall be independently calibrated at least once each year.
- d** If access to a suitable weighbridge facility is not available, established weights derived from manufacturers' data or, the average weight established in DTI Shredder Trials (971kg average weight per vehicle - DTI report September 2005) may be used for ELVs received. In the case of wastes despatched from the site, weighbridge records from the receiving site will be retained on condition that the weighbridge complies with b & c.
- e** Fluids despatched from the site shall be recorded in litres or cubic metres.
- f** Data on items which are re-used must be retained and be available for inspection by NIEA and be in a form which will enable identification of the component.

## 5.6 **Storage of specified wastes**

- 5.6.1 Notwithstanding the specification of permitted waste types under condition 1.2, wastes displaying any of the properties or forms specified in Table 4.6 shall only be handled or stored at the site in accordance with the standards specified in Table 4.6 below.

**Table 4.6 Standards for handling and/or storage of wastes with specified characteristics**

<b>Storage requirement</b>	<b>Specified standards</b>
a) Solids wastes which when handled or stored are likely to generate significant quantities of dust, fibres or particulates	These wastes only permitted if they are handled and stored in: (i) buildings or containers providing containment of aerial emissions of dusts and particulates; or (ii) bays or roofed areas provided with a permanent water supply and water spraying or misting equipment is used at all times when significant quantities of dust, fibres or particulates are likely to be, or are being generated.
b) Odorous wastes, including wastes which are likely to be odour producing during storage	i) These wastes only permitted if: <ul style="list-style-type: none"><li>• Stored in sealed containers and in areas provided with impermeable pavement and sealed drainage; or</li><li>• Stored in covered buildings providing containment of aerial emissions; or</li><li>• Stored in bays provided with an impermeable pavement and sealed drainage.</li></ul> ii) These wastes shall be subject to monitoring in accordance with condition 5.2 and shall in any case not be stored for longer than 48 hours, unless otherwise agreed in writing with the Department.
c) Solid wastes which are likely to produce polluting or contaminating run-off.	i) Inert wastes only permitted if stored in bays with: <ul style="list-style-type: none"><li>• Hardstanding and drainage that prevents run-off from the waste into adjacent surface water bodies or storm water drains; or</li><li>• An impermeable pavement and sealed drainage.</li></ul> ii) Degradable municipal wastes only permitted if stored in areas with impermeable pavement and sealed drainage and: <ul style="list-style-type: none"><li>• Stored in sealed containers; or</li><li>• Stored in covered shelters or roofed areas; or</li><li>• Stored in bays.</li></ul>
d) Wastes which are in a form which is either sludge or liquid	These wastes only permitted if: <ul style="list-style-type: none"><li>• Stored in liquid-retaining, covered containers; and</li><li>• Stored in areas provided with impermeable pavement and sealed drainage.</li></ul>
e) Combustible wastes	These wastes only permitted if stored in bays provided with an impermeable pavement and sealed drainage, and with access to fire fighting equipment.
f) Wastes which are likely to attract pests	These wastes shall be subject to monitoring in accordance with condition 5.4, and in any case not be stored for longer than 48 hours, unless otherwise agreed in writing with the Department.
g) Wastes which are likely to attract scavengers	i) These waste only permitted if: <ul style="list-style-type: none"><li>• Stored in closed or secure containers; or</li><li>• Stored in covered buildings providing security against scavengers, or</li><li>• Stored in bays provided with netting or fencing providing security against scavengers.</li></ul> ii) These wastes shall be subject to monitoring in accordance with condition 5.5
h) Wastes which include light wastes or other wastes liable to give rise to litter	These wastes only permitted if: <ul style="list-style-type: none"><li>• Stored in sealed containers and in areas provided with impermeable pavement and sealed drainage; or</li><li>• Stored in covered buildings providing containment of aerial emissions of litter; or</li><li>• Stored in bays provided with litter control netting or fencing.</li></ul>

5.7 **Removal of residual wastes from site**

5.7.1 In the event that the specified waste management operations on the site cease and the Department has reasonable grounds to believe that they will not be resumed within 1 month 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 Department in writing. This shall include, where required by the Department, decontamination of plant, equipment and engineered containment used in the specified waste management operations and emptying of any sealed sumps or interceptors.

## 6 Amenity management and reporting

### 6.1 **Monitoring and control of dusts, fibres and particulates**

6.1.1 Measures shall be implemented and maintained throughout the operational life of the site to control and monitor emissions of dusts, fibres and particulates from the site, in accordance with Table 5.1 below.

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

**Table 5.1 Standards for monitoring and control of aerial emissions of dusts, fibres and particulates.**

Monitoring of aerial emissions	Site staff supervising individual waste handling operations shall, during the carrying out of those operations, undertake visual monitoring of aerial emissions.
Remedial action	On detection or notification of visible aerial emissions that are likely to be transported beyond the site boundary, 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.  The incident and the remedial action shall be recorded in the site diary.

### 6.2 **Monitoring and control of odours**

6.2.1 Measures shall be implemented and maintained throughout the operational life of the site to control and monitor emissions of odours from the site, in accordance with Table 5.2.

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

**Table 5.2 Standards for monitoring and control of emissions of odours**

Monitoring of odorous emissions	Olfactory monitoring of aerial emissions from the site shall be carried out: <ul style="list-style-type: none"><li>i. 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</li><li>ii. By site staff supervising individual waste handling operations during the carrying out of those operations.</li></ul>
Remedial action	On detection or notification of aerial emissions of odour that 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.  The incident and the remedial action shall be recorded in the site diary.

6.3 **Control of noise**

6.3.1 Measures shall be implemented and maintained throughout the operational life of the site to control and minimise the levels of noise from operations on the site beyond the site boundary.

6.4 **Control of pest infestations**

6.4.1 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 Table 5.3.

**Table 5.3 Standards for monitoring and control of pest infestations**

Monitoring of pest infestations	An inspection of stored wastes for pest infestations shall be carried out at least at weekly intervals and shall be recorded in the site diary.
Remedial action	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.  The incident and the remedial action shall be recorded in the site diary.

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

6.5.1 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. 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.

6.6 **Control of litter**

6.6.1 Measures shall be implemented and maintained throughout the operational life of the site to control and monitor the escape of litter from the confines of the site.

6.6.2 In the event that litter does escape from the site, it shall be retrieved as soon as practicable and no later than 1 hour after its escape.

## 7 Site records

### 7.1 Security and availability of records

#### *Security of records*

- 7.1.1 All records which are required to be made under the other conditions of this licence and the working plan shall be maintained and kept secure from loss, damage or deterioration, and shall be kept in accordance with the requirements specified in Table 6.1 below.

#### *Availability of records*

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

<b>Site records</b>	<b>Specified standards</b>
Wastes accepted	All records shall be stored either: i. On paper in a secure cabinet or cupboard; or ii. On computer disc with a back up copy
Wastes rejected	
Wastes dispatched	
Site diaries	
	Records shall be kept for a minimum of 2 years
	All hazardous waste consignment notes must be stored as paper copies in a secure cabinet or cupboard on site for a minimum of 3 years, in accordance with Regulation 40 of The Hazardous Waste Regulations (Northern Ireland) 2005

### 7.2 Records of waste movements

#### *Recording of wastes accepted and removed*

- 7.2.1 A record shall be kept of each load of waste accepted and each load of waste removed from site. This record shall include the following details:
- a** Loads in :- Nature (solid, sludge or liquid), waste type as specified under condition 1.2 and the relevant European Waste Catalogue code , quantity (tonnes), date received, date accepted, producer, carrier.
  - b** Loads out :- Nature (solid, liquid or sludge), waste type as specified under condition 1.2 and the relevant European Waste Catalogue code, quantity of waste removed (tonnes), date removed, authorised point of disposal, registered carrier, consignment note number.



*Summary records of wastes accepted and removed*

- 7.2.2 A summary record of the waste types accepted and removed from the site shall be made for each quarter of the financial year, and shall be submitted to the Department within 1 month following the end of the quarter. The summary record shall be in a format agreed by the Department 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 Department. This shall include a record of all information and events required under any condition of this licence. This will include a record of the following events:

- a** construction work
- b** maintenance
- c** breakdowns
- d** emergencies
- e** problems with waste received and action plan
- f** site inspections, monitoring and consequent actions carried
- g** technically competent management attendance on site: the date and the time onto site and the time left site
- h** despatch of records to the Department
- i** severe weather conditions
- j** complaints about site operations and actions taken
- k** environmental problems and remedial actions

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

## 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. This also includes waste that does not conform to the licence conditions being stored in quarantine areas for removal from the site;

*“authorised officer of the Department”*

means any person(s) authorised in writing by the Department pursuant to Part IV of the Waste and Contaminated Land (NI) Order 1997;

*“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 Department 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 Department, 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 Department within the conditions);

*“inert waste “*

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

*“maintenance”*

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

*“preparatory works”*

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

*“probability”*

means the quantified expression of chance, denoted either as:

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

*“received”*

for waste being delivered to the site, shall mean delivered to the site and undergoing the waste acceptance procedures specified in the working plan, including storage of those wastes during those procedures prior to acceptance of the waste and including wastes that do not conform to licence conditions being kept on the site in quarantine areas pending collection;

*“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/prescribed offences”*

are offences within the meaning of Regulation 2 of the Waste Management Licensing Regulations (NI) 2003, 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 Department 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 Department within the conditions;

*“hazardous waste”*

has the meaning as defined in the Hazardous Waste Regulations (Northern Ireland) 2005 or any statutory provisions or regulations amending or replacing them;

*“specified waste management operations”*

means the waste management operations authorised by condition 1 of this licence;

*“surface water”*

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

*“the 1997 Order”*

means the Waste and Contaminated Land (Northern Ireland) Order 1997 any statutory provisions or regulations amending or replacing them.

*“the 2003 Regulations”*

means the Waste Management Licensing Regulations (Northern Ireland) 2003

*“the Department”*

means the Department of Environment;

*“the Licence Holder”*

means the Licence Holder specified in this licence or other person to whom the licence has been transferred in accordance with Article 14 of the 1997 Order.

*“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 waste as defined in Article 2(2) of the 1997 Order or any statutory provisions or regulations amending or replacing it;

*“working plan”*

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



EXPLANATORY NOTES - including rights of appeal.

**RIGHTS OF APPEAL**

Article 17 of the Waste and Contaminated Land (NI) Order makes provision for the applicant to appeal the Decision of the Department to the Planning Appeals Commission where:

1. An application for a licence, or a modification of the conditions of a licence is refused;
2. a licence is granted subject to conditions;
3. the conditions of a licence are modified;
4. a licence is suspended;
5. a licence is revoked under Article 12 or 16;
6. an application to surrender a licence is refused; or
7. an application for the transfer of a licence is refused.

Appeals should be made by notice in writing. Such a notice shall be accompanied by:

1. a statement of the grounds of the appeal;
2. where the appeal relates to an application for a waste management licence or for the modification, surrender or transfer of a waste management licence, a copy of the appellants application and any supporting documents;
3. where the appeal relates to an existing waste management licence (including a waste management licence which has been suspended or revoked) a copy of that licence;
4. a copy of any correspondence relevant to the appeal;
5. a copy of any other document relevant to the appeal including, in particular, any relevant consent, determination, notice, planning permission under the Planning (NI) Order 1991(a) or consent under the Water (NI) Order 1999; and
6. a statement indicating whether the appellant wishes to appear before and be heard by the Planning Appeals Commission.

Notice of appeal must be given within 2 months of the date of the decision which is the subject of the appeal. Notices of appeal should be sent to:

The Planning Appeals Commission  
Park House  
87-91 Great Victoria Street  
Belfast  
BT2 7AG

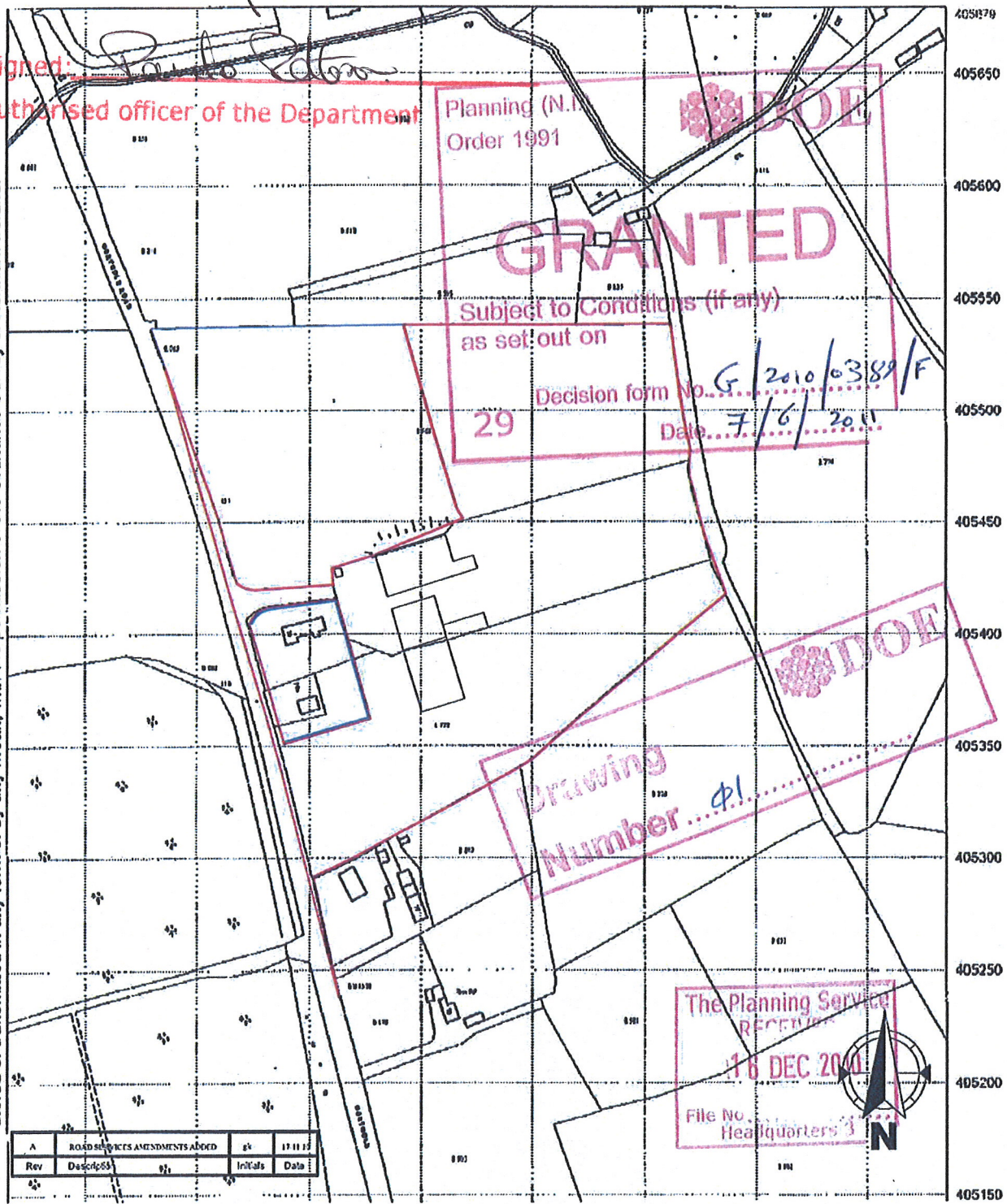




I certify that DRAWING No.01  
 forms part of licence no: LN/12/29  
 Issued by the Department of the Environment  
 on 5 day of September 2012

Signed: [Signature]  
 Authorised officer of the Department

stored or transmitted in any form or by any mean, with the permission of the Ordnance Survey of Northern Ireland.



A	ROAD SERVICES AMENDMENTS ADDED	gk	17 11 12
Rev	Description	By	Date

**Client:**  
MR PETER O'KANE

**Title:**  
SITE LOCATION MAP - PLANNING

**Job No:**  
DH139-08-01'A  
gk/connorjd

**Scale:** 1:2500  
**Date:** June 2010

**Drawn By:** gk  
**OS Map Ref:**

## Diamond Architecture

Joe Diamond MCIAT RMaPS

**Project:**  
PROPOSED RETENTION OF CAR STORAGE COMPOUND AND AUCTION AREA INCLUDING CAR PARKING AREA AND NEW ACCESS ONTO GORTGOLE ROAD; EXTENSION TO TYRE SHREDDING AND STORAGE FACILITIES; AND, RETENTION OF 7NO. SHEDS FOR VEHICLE PROCESSING, STORAGE AND STAFF FACILITIES

**Contact info:**  
77 Main Street  
Maghera  
BT46 5AB  
Email: joe@diamondarchitecture.com  
Tel: 028796 44111  
Fax: 02879644393



FIGURED DIMENSIONS TO BE FOLLOWED IN PREFERENCE TO THE DIMENSIONS SCALED FROM THE DRAWING. ALL DIMENSIONS TO BE CHECKED ON SITE BY CONTRACTOR AND SUCH DIMENSIONS TO BE HIS RESPONSIBILITY. ANY DRAWING ERRORS AND OMISSIONS TO BE REPORTED TO DIAMOND ARCHITECTURE



Waste and Contaminated Land (NI) Order 1997  
**WASTE MANAGEMENT LICENCE**

LICENCE REF No :- LN/10 /14

FACILITY TYPE :- Tyre Sorting, Baling  
and Shredding Facility

The Department of the Environment, in pursuance of the Waste and Contaminated Land (NI) Order 1997, hereby grants a waste management licence authorising the keeping and treating of controlled waste on the land specified in schedule 1 to this licence to:

**R4 Limited**  
**16 Seagoe Industrial Estate**  
**Portadown**  
**Craigavon**  
**BT63 5QD**

that person being in occupation of the said land, the said licence being subject to the conditions specified in schedule 2 to this licence.

**SCHEDULE 1.- SPECIFIED LAND.**

The licence relates to the land at 16 Seagoe Industrial Estate, Portadown, Craigavon. BT63 5QD (hereinafter called "the site") shown edged red on the attached Drawings, forming part of the licence application of 9<sup>th</sup> March 2009 and attached to this licence.

**The Schedule of Conditions attached to the Resolution, passed by Craigavon Borough Council on 12<sup>th</sup> May 2003 shall be deleted in total and replaced by the conditions contained in the attached Schedule 2 which shall take effect forthwith.**

Signed <u>Pamela Patterson</u>
Name :- Pamela Patterson Authorised Officer of NIEA
Dated <u>24 March 2010</u>

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





**SCHEDULE 2 - CONDITIONS RELATING TO THIS LICENCE**



# 1 General considerations

## **1.1 Specified waste management operations**

- 1.1.1 No waste management operations shall be authorised by this licence unless:
- a specified in and undertaken in accordance with the following Table 1.1; or
  - b otherwise required by the conditions of this licence as being an integral part of those operations:

**Table 1.1 Specified waste management operations**

Specified Waste Management Operation	Permitted Waste Types which may be subject to the Specified Operation	Limits on Specified Waste Management Operations
<p>D15: Storage pending, on this site any of the category 'D' operations authorised under this column, or elsewhere than on this site, any of the operations listed in Schedule 3 of the 2003 Regulations, (excluding temporary storage, pending collection, on the site where it is produced).</p>	<p>End of life tyres: EWC 16 01 03</p>	<p>All tyre baling operations shall take place in the area indicated on the drawings submitted as part of the licence application</p>
<p>R13: Storage of waste consisting of materials intended for submission, on this site to any of the category 'R' operations authorised under this column, or elsewhere than on this site, to any of the operations listed in Schedule 3 of the 2003 Regulations, (excluding temporary storage, pending collection, on the site where it is produced).</p>		<p>All tyre shredding operations shall take place within the building as indicated on the drawings submitted as part of the licence application</p>
<p>R4: Recycling/reclamation of metals and metal compounds</p>		<p>Treatment operations may only take place on an impermeable pavement constructed in accordance with condition 2.1.2.</p>
<p>R5: Recycling/ reclamation of other inorganic materials.</p>		<p>Storage may only take place on an impermeable pavement constructed in accordance with condition 2.1.2</p>
		<p>Storage of whole tyres, prior to shredding, shall take place in the external compound as indicated on the drawings submitted as part of the licence application</p>
		<p>Storage of metal fractions removed in the tyre shredding process, pending removal to a suitably authorised metal recycler.</p>
		<p>Storage of all other materials may only take place in the external compound as indicated on the drawings submitted as part of the licence application</p>



## 1.2 Permitted wastes

### *Permitted categories and types of wastes*

- 1.2.1 **No wastes other than those which are specified in Table 1.1 shall be accepted at the site.**

### *Permitted quantities of wastes*

- 1.2.2 The quantities of wastes accepted shall not exceed those listed in Table 1.2. The total quantity of waste accepted at the site per year shall not exceed 8,000 tonnes. The maximum storage capacities and maximum storage times shall not exceed those listed in Table 1.2 unless agreed in writing with the Department and only in an emergency.

**Table 1.2 Permitted quantities of waste**

<b>Permitted Waste Categories</b>	<b>Maximum Permitted Quantities</b>
<b>Unprocessed Wastes – material to be put into tunnels</b>	<b>(tonnes/year)</b>
<hr/>	
<u>Unprocessed waste</u>	
Whole Tyres	Maximum daily intake – 35 tonnes Maximum storage capacity – 300 tonnes Maximum annual throughput – 8,000 tonnes Maximum storage time - 1 month
<hr/>	
<u>Processed Waste</u>	
Shredded tyres	Maximum storage capacity – 150 tonnes Maximum storage time - 1 month
Metal	Maximum storage capacity – 20 tonnes Maximum storage time - 1 month
<hr/>	

*Exclusion of wastes with other specified characteristics*

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

**Table 1.2.A Excluded hazardous wastes with specified hazard codes**

Hazard Code	Hazardous Properties
H1	Explosive
H9	Infectious
H10	Teratogenic
H11	Mutagenic
H12	Substances or preparations which release toxic or very toxic gases in contact with water, air or an acid

**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 Table 1.3 below.

**Table 1.3 Permitted operating hours**

Specified waste management operations	Permitted hours
Waste acceptance, sorting, baling and shredding	0700 to 1800 Monday to Saturday (including Bank Holidays and Public Holidays) No operations on a Sunday

**1.4 Working Plan**

- 1.4.1 All operations shall be carried out in accordance with the Operation and Working Plan, received by the Department on 10<sup>th</sup> February 2010. Where any licence condition conflicts with the Working Plan, the licence condition shall take precedence over the Working Plan.

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

### *Minimum staffing and supervision*

- 1.5.1 Whenever the site is open to receive or despatch waste, or is carrying out any of the specified waste management treatment 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 Department.

### *Availability of licence and working plan*

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

### *Understanding of licence and working plan*

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

### *Attendance of Technically Competent Persons*

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

## **1.6 Changes in technically competent persons**

- 1.6.1 Any changes in the technically competent management of the site and the name of any incoming person, together with evidence that such person has the required technical competence, shall be submitted to the Department in writing within 5 working days of the change in management. Technically competent management and technical competence shall be as defined under Regulations 3 to 5 of the 2003 Regulations.

## **1.7 Relevant convictions**

### *Notification of relevant convictions*

- 1.7.1 In the event of the Licence Holder and/or any relevant person being convicted of any prescribed offence (as defined by Regulation 2 of the 2003 Regulations) and which is in addition to any already notified to the Department, then full details shall be provided to the Department within 14 days following sentencing, whether or not the conviction or sentence is subsequently appealed. Such details shall include, in respect of each relevant person (as defined in Article 3 of the Waste and Contaminated Land (NI) Order 1997 or any subsequent amendments to those regulations), the nature of the offence, the place and date of conviction, and any fine or other penalty imposed.

### *Notifications of appeals against convictions*

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

## **1.8 Amendments to working plan and supporting information**

- 1.8.1 The Licence Holder shall give the Department prior notice in writing of any proposed change to the Working Plan, and to any associated appendices, drawings and figures which are referenced in the Working Plan. 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.
- 1.8.2 The proposed change to the Working Plan shall not be implemented unless the Department has given its written consent to it. Following consent, the Licence Holder shall give the Department 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.

## **1.9 Notification of change of operator's or holder's details**

***This condition refers to changes in details concerning the existing licence holder/operator. Any change in licence holder or operator identity requires formal application to the Department. Change of licence holder or operator outside these requirements constitutes a breach of a licence condition.***

1.9.1 The following information shall be notified in writing within 5 working days to the Department:

- a 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;
  - 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)

**1.10 Notification of preparatory works**

1.10.1 No preparatory works shall be undertaken until at least 7 days prior notice in writing has been given to the Department of the intention to do so. The notification shall include details of what work is being done and when.

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

*Specified waste management operations*

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

*Cessation and recommencement of receiving wastes*

1.11.2 In the event that the site ceases receiving wastes for longer than 1 month then within 7 days following the elapse of that time, the Licence Holder shall inform the Department in writing of the date of cessation and of the planned date of recommencement. In the event that the site recommences receiving wastes sooner than the notified date then the Licence Holder shall give the Department not less than 7 days prior notice in writing.

**1.12 Notifications and submissions to Department**

1.12.1 Except where otherwise specified, all notifications and submissions to the Department under the requirements of these licence conditions:

- a shall be made in writing to the address specified by the Department in writing at the time of issue of this licence, or as subsequently specified by written notification to the Licence Holder;
- b shall quote the licence reference number and the name of the Licence Holder.

## 2 Site engineering for pollution prevention and control

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

#### *Provision and maintenance of site containment and drainage systems*

- 2.1.1 No waste shall be deposited, stored, treated or otherwise handled in any area of the site until the engineered site containment and drainage system for that area has been constructed and completed in accordance with this condition and 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.

**Table 2.1 Site containment and drainage standards**

Type of Site Containment and Drainage	Minimum Specified Standards of Design, Construction and Maintenance
a) Hardstanding	<p>Areas of hardstanding shall be constructed of granular material (e.g. crushed stone, aggregate, road planings or similar material) and maintained such that the working surface:</p> <ul style="list-style-type: none"><li>i) shall remain even</li><li>ii) shall not be subject to settlement</li><li>iii) shall not be subject to rutting by vehicles even when wet</li><li>iv) shall have sufficient durability to allow cleaning for example by scraping</li><li>v) shall remain free of standing water</li></ul>
b) Impermeable pavement, bunding and sills	<p>Areas of impermeable pavement, bunding and sills shall be constructed and maintained so as to prevent fluids running off the pavement and the transmission of fluids through the pavement or joints.</p> <p>Areas of impermeable pavement shall be:</p> <ul style="list-style-type: none"><li>i) laid to take the weight of relevant vehicles, plant and equipment without cracking or breaking</li><li>ii) free from cracks which could reduce impermeability</li><li>iii) resistant to mechanical, physical and chemical stresses to which they may be subjected</li><li>iv) fall towards the drainage system to prevent ponding</li></ul> <p>No liquid shall run off areas of impermeable pavement other than via the drainage system.</p>
c) Sealed drainage systems	<p>Drainage to areas of impermeable pavement shall be provided by a sealed drainage system that is comprised of a drainage system with impermeable components, which does not leak and, which will ensure that:</p> <ul style="list-style-type: none"><li>• no liquid will run off the pavement otherwise than via the system; and</li><li>• except where they may be lawfully discharged, all liquids entering the system are collected in a sealed sump.</li></ul> <ul style="list-style-type: none"><li>i) sealed sumps shall be inspected no less frequently than daily and after rain, emptied when the collected liquids reach 80% of its capacity as measured using a dipstick or equivalent gauge, and constructed and maintained so as to collect and contain all liquids which run off the pavement.</li><li>ii) inspections and emptying of sealed sumps shall be recorded in the site diary.</li><li>iii) uncontaminated drainage from clean yard areas shall be kept separate and discharged to either surface water or sewer or watercourse or soak away.</li></ul>
d) Covered buildings or roofed areas	<p>Where wastes are stored or treated in a building or roofed area:</p> <ul style="list-style-type: none"><li>i) The building or roofed area shall be designed, constructed and maintained to prevent ingress of rain and surface water.</li><li>ii) Roof water shall be kept separate from contaminated water and other liquids and shall be discharged to either surface water or a sewer or a water course or a soak away.</li></ul>
e) Fixed tanks	<ul style="list-style-type: none"><li>a) All fixed tanks used for the storage and treatment of wastes must be constructed and maintained to a standard which is fit for purpose.</li><li>b) All fixed tanks (and their associated inlet and outlet pipes and valves) used for the storage of potentially polluting or hazardous wastes, shall be located within a bund and on an impermeable pavement, which shall be</li></ul>

**Table 2.1 Site containment and drainage standards**

Type of Site Containment and Drainage	Minimum Specified Standards of Design, Construction and Maintenance
	isolated from the site drainage system. The capacity of any bund shall be at least 110% of the total capacity of all tanks within it. c) All underground tanks (and their associated inlet and outlet pipes and valves) used for the storage of potentially polluting or hazardous wastes in liquid, sludge or powder form shall be located within engineered secondary containment, which shall be isolated from the site drainage system.
f) Storage areas for skips, drums and other mobile tanks and containers	All skips, drums and other mobile tanks and containers having individual capacities of greater than 10 litres which are used for the storage of wastes, shall be constructed and maintained so that they do not leak any liquids contained in them.

*Construction quality assurance of new site containment and drainage systems*

- 2.1.3 No wastes shall be deposited, stored, treated or otherwise handled in any area or in any fixed tank for which an engineered site containment and drainage system has been newly constructed to meet the requirements of this condition until:
- a details of the identities, relevant experience and relevant qualifications of the personnel who will be providing Quality Assurance of the engineered site containment and drainage systems have been submitted in writing to the Department and acknowledged in writing by the Department;
  - b the engineered site containment and drainage system has been constructed in accordance with the other requirements of this condition;
  - c the Validation Report on the construction of the engineered site containment and drainage system has been submitted in writing to the Department and has been acknowledged in writing by the Department.

*Construction quality assurance of existing site containment and drainage systems*

- 2.1.4 No wastes shall be deposited, stored, treated or otherwise handled in any area or in any fixed tank for which a previously constructed and existing engineered site containment and drainage system is being used to meet the requirements of this condition unless:
- a details of the identities, relevant experience and relevant qualifications of the suitably qualified Engineer who will be providing inspection and validation of the existing engineered site containment and drainage systems have been submitted in writing to the Department and acknowledged in writing by the Department;
  - b the engineered site containment and drainage system for that area has been inspected by the designated Engineer and has been maintained or improved, in accordance with their recorded advice, to meet the standards specified in Table 2.1;
  - c the Validation Report confirming that the engineered site containment and drainage system meets the specified standards has been submitted in writing to the Department and has been acknowledged in writing by the Department.



## 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 The identification board shall be inspected at least once per week. In the event of damage or defect, the board shall be repaired or replaced within 3 working days.
- 3.1.3 The board shall be easily readable from outside the site entrance in daylight hours, and shall display the following information:
- a Site name and address;
  - b Licence Holder name (company name, not individual name unless justified as necessary);
  - c Operator name (company name, not individual name unless justified as necessary);
  - d Licence number;
  - e Emergency contact name and telephone number of licence holder/operator (for security reasons, personal names and home phone numbers should not be used except where no alternative is practicable);
  - f Statement that the site is licensed by Northern Ireland Environment Agency, Department of the Environment;
  - g Northern Ireland Environment Agency telephone number 028 90 569359 (office hours),
  - h Days and hours site is open to receive waste.

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

### 3.2 Site security

- 3.2.1 Site security systems shall be provided at all times during the subsistence of this licence, the objective of which shall be to prevent access by humans and livestock which is not authorised either by the Licence Holder or under legal powers of entry.<sup>1</sup> These shall be installed, operated and maintained, and shall be fully documented and recorded, in accordance with the following requirements:

---

<sup>1</sup> The Department will review site security requirements in the light of ongoing site operations and licences may be modified to specify specific requirements.

**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 Department, 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 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, and recorded in the site diary. Any defects or damage shall be made secure by the end of the working day, and shall be repaired within 7 working days of the damage being detected. All repairs shall be recorded in the site diary.

## 4 Site operations

### 4.1 Control of mud and debris

#### *Prevention of mud and debris on road*

- 4.1.1 Whenever the site is receiving or despatching wastes measures shall be provided, operated and maintained, with the objective of preventing the deposit or tracking of mud or debris arising from the site onto public areas outside the site, which shall include public highways and areas of public access outside the site.
- 4.1.2 All vehicles leaving areas of the site which are operational or upon which engineering works are being carried out shall, before leaving the site, be cleaned as necessary and shall be checked to ensure that they are clear of loose waste and that their loads are secure.

#### *Remediation of mud and debris on road*

- 4.1.3 In the event that mud or debris arising from the site is deposited onto public areas outside the site, remedial measures shall be implemented immediately, in accordance with the following requirements:
- a The affected public areas outside the site shall be cleaned
  - b Traffic shall be isolated from sources of mud, debris and loose waste within the site to prevent further tracking, and measures shall be taken to clear any such sources as soon as practicable. All such deposits shall be removed by the end of each working day.

### 4.2 Potentially polluting leaks and spillages of waste

#### *Potentially polluting leaks and spillages from vehicles, plant and equipment*

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

#### *Potentially polluting leaks and spillages from fixed tanks, skips, drums and other mobile containers*

- 4.2.2 Each tank, skip, drum or other mobile container used to hold wastes which consist of or contain potentially polluting liquids, or other potentially polluting materials shall be, while on the site:
- a loaded and unloaded in accordance with the specified handling procedures;
  - b filled and emptied in accordance with the specified filling and emptying procedures;

- c clearly and unambiguously labelled regarding its contents, unless the contents are clearly identifiable by visual inspection;
- d inspected and maintained according to the specified maintenance schedules and procedures, which shall be fully documented and recorded;
- e in the event of damage or deterioration to a container that is, or is likely to cause, a leak, that container shall be repaired or replaced immediately;
- f secured while the site is not operating

*Control and remediation of leaks and spillages*

4.2.3 Before the commencement of specified waste management operations, the licence holder shall forward to the Department, an emergency leaks and spillages action plan detailing precautions in place, equipment available and the measures to be taken in the event of a leak or spillage on site. Procedures detailed in the action plan shall meet the standards specified in Table 4.2. In the event of any potentially polluting leak or spillage occurring on site, documented control and remediation procedures shall be implemented immediately. Such action shall prevent the escape of the material to the environment

**Table 4.2 Standards for prevention and control of leaks and spillages**

Action	Specified standards
a) Control and remediation of leaks and spillages	<ul style="list-style-type: none"> <li>i) Minor spills shall be cleaned up immediately, using sand or proprietary absorbent to clean up liquids.</li> <li>ii) Where major spillages occur which are causing or are likely to cause pollution emissions to the environment:               <ul style="list-style-type: none"> <li>• Immediate action shall be taken to contain the spillage and prevent liquid from entering surface water drains, water courses and unsurfaced ground;</li> <li>• The spillage shall be cleaned immediately and placed in alternative sealed containers;</li> <li>• The Department shall be informed immediately, and a record entered in the site diary.</li> </ul> </li> </ul>

**4.3 Fires on the site**

*Prohibition of unauthorised fires on site*

4.3.1 No fires shall be permitted within the area covered by this licence. Any fire arising on the site shall be treated as an emergency situation and appropriate action taken to immediately extinguish the fire.

*Fire action plan*

4.3.2 Before the commencement of specified waste management operations, the licence holder shall forward to the Department, a fire action plan detailing fire precautions in place, firefighting equipment available and the measures to be taken in the event of a fire on site. In the event of a fire on the site, the fire action plan shall be implemented and the Department shall be informed immediately and action taken shall be recorded in the site diary.

#### 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. All waste despatched from the site shall be sent to authorised facilities.

**Table 4.4 Standards for waste acceptance and control procedures**

Stage of Waste Handling	Specified standards
Waste inspection	Wastes stored at the site shall be regularly checked during the working day to ensure they comply with the permitted waste types detailed in condition 1.2.1 and that they are stored in the appropriate container and location within the site.
Waste Control procedures: Quarantine storage and rejection of 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 placed immediately in a designated quarantine area and stored in a manner that will not cause risk of environmental pollution, harm to human health or damage to local amenity.</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) Quarantined wastes shall be removed from site within 7 days.</li> <li>iv) A record shall be kept in the site diary of all rejected wastes and all wastes kept in quarantine storage</li> </ul>
Identification of wastes	<ul style="list-style-type: none"> <li>i) Areas, bays and containers shall be clearly defined and labelled to identify the wastes stored within them;</li> <li>ii) Containers for hazardous waste shall be appropriately labelled.</li> </ul>
Inspection of wastes for despatch	All wastes despatched from the site shall be inspected prior to despatch to confirm their description and composition.
Waste despatch and recording	Waste despatched from the site shall only be sent to appropriately licensed facilities.
Incompatible wastes	Incompatible wastes, which are likely, in combination with each other or with other material at the facility, to give rise to pollution of the environment or harm to human health outside the site, shall be clearly identified and kept physically separate in designated areas

## **4.5 Waste quantity measurement systems**

### *Means of measurement*

The weight of all wastes accepted at and despatched from the site shall be determined by means of a public weighbridge, or a weighbridge or scales located within the site. The weighbridge or scales used shall record quantities of wastes to an accuracy of 0.01 tonnes.

## **4.6 Storage of wastes with specified hazardous properties or forms**

- 4.6.1 Notwithstanding the specification of permitted waste types under section 1.2, wastes displaying any of the hazardous properties or forms specified in Table 4.6 shall only be handled and/or stored on the site in accordance with the standards specified in Table 4.6 below.

**Table 4.6 Standards for handling and/or storage of wastes with specified characteristics**

Storage requirement	Specified standards
a) Solids wastes which when handled or stored are likely to generate significant quantities of dust, fibres or particulates	These wastes only permitted if they are handled and stored in: (i) buildings or containers providing containment of aerial emissions of dusts and particulates; or (ii) bays or roofed areas provided with a permanent water supply and water spraying or misting equipment is used at all times when significant quantities of dust, fibres or particulates are likely to be, or are being generated.
b) Odorous wastes, including wastes which are likely to be odour producing during storage	i) These wastes only permitted if: <ul style="list-style-type: none"><li>• Stored in sealed containers and in areas provided with impermeable pavement and sealed drainage; or</li><li>• Stored in covered buildings providing containment of aerial emissions; or</li><li>• Stored in bays provided with an impermeable pavement and sealed drainage.</li></ul> ii) These wastes shall be subject to monitoring in accordance with condition 5.2 and shall in any case not be stored for longer than 48 hours, unless otherwise agreed in writing with the Department.
c) Solid wastes which are likely to produce polluting or contaminating run-off.	i) Inert wastes only permitted if stored in bays with: <ul style="list-style-type: none"><li>• Hardstanding and drainage that prevents run-off from the waste into adjacent surface water bodies or storm water drains; or</li><li>• An impermeable pavement and sealed drainage.</li></ul> ii) Degradable municipal wastes only permitted if stored in areas with impermeable pavement and sealed drainage and: <ul style="list-style-type: none"><li>• Stored in sealed containers; or</li><li>• Stored in covered shelters or roofed areas; or</li><li>• Stored in bays.</li></ul>
d) Wastes which are in a form which is either sludge or liquid	These wastes only permitted if: <ul style="list-style-type: none"><li>• Stored in liquid-retaining, covered containers; and</li><li>• Stored in areas provided with impermeable pavement and sealed drainage.</li></ul>
e) Combustible wastes	These wastes only permitted if stored in bays provided with an impermeable pavement and sealed drainage, and with access to fire fighting equipment.
f) Wastes which are likely to attract pests	These wastes shall be subject to monitoring in accordance with condition 5.4, and in any case not be stored for longer than 48 hours, unless otherwise agreed in writing with the Department.
g) Wastes which are likely to attract scavengers	i) These wastes only permitted if: <ul style="list-style-type: none"><li>• Stored in closed or secure containers; or</li><li>• Stored in covered buildings providing security against scavengers, or</li><li>• Stored in bays provided with netting or fencing providing security against scavengers.</li></ul> ii) These wastes shall be subject to monitoring in accordance with condition 5.5
h) Wastes which include light wastes or other wastes liable to give rise to litter	These wastes only permitted if: <ul style="list-style-type: none"><li>• Stored in sealed containers and in areas provided with impermeable pavement and sealed drainage; or</li><li>• Stored in covered buildings providing containment of aerial emissions of litter; or</li><li>• Stored in bays provided with litter control netting or fencing.</li></ul>

#### **4.7 Removal of residual wastes from site**

- 4.7.1 In the event that the specified waste management operations on the site cease and the Department has reasonable grounds to believe that they will not be resumed within 90 days, 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 Department in writing. This shall include, where required by the Department, cleaning of plant, equipment and engineered containment used in the specified waste management operations, and emptying of any sealed sumps or interceptors.



## 5 Amenity management and reporting

### 5.1 Monitoring and control of dusts, fibres and particulates

- 5.1.1 Measures shall be implemented and maintained throughout the operational life of the site to control and monitor emissions of dusts, fibres and particulates from the site, in accordance with Table 5.1 below.
- 5.1.2 All emissions to air from the specified waste management operations on the site shall be free from visible concentrations of dusts, fibres or particulates as are likely to cause pollution of the environment or harm to human health or serious detriment to the amenity of the locality outside the site boundary, as perceived by an authorised officer of the Department.

**Table 5.1 Standards for monitoring and control of aerial emissions of dusts, fibres and particulates.**

Monitoring of aerial emissions	Site staff supervising individual waste handling operations shall, during the carrying out of those operations, undertake visual monitoring of aerial emissions.
Remedial action	On detection or notification of visible aerial emissions that are likely to be transported beyond the site boundary, 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.  The incident and the remedial action shall be recorded in the site diary.

### 5.2 Monitoring and control of odours

- 5.2.1 Measures shall be implemented and maintained throughout the operational life of the site to control and monitor emissions of odours from the site, in accordance with Table 5.2.
- 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 Department.

**Table 5.2 Standards for monitoring and control of emissions of odours**

Monitoring of odorous emissions	Olfactory monitoring of aerial emissions from the site shall be carried out: <ul style="list-style-type: none"><li>i. 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</li><li>ii. By site staff supervising individual waste handling operations during the carrying out of those operations.</li></ul>
Remedial action	On detection or notification of aerial emissions of odour that 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.  The incident and the remedial action shall be recorded in the site diary.

**5.3 Control of noise**

5.3.1 Measures shall be implemented and maintained throughout the operational life of the site, in accordance with this condition and the working plan, to control and minimise the levels of noise from operations on the site beyond the site boundary.

**5.4 Control of pest infestations**

5.4.1 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 Table 5.4.

**Table 5.4 Standards for monitoring and control of pest infestations**

Monitoring of pest infestations	An inspection of stored wastes for pest infestations shall be carried out at least at weekly intervals and shall be recorded in the site diary.
Remedial action	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.  The incident and the remedial action shall be recorded in the site diary.

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

- 5.5.1 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. 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.

**5.6 Control of litter**

- 5.6.1 Measures shall be implemented and maintained throughout the operational life of the site to control and monitor the escape of litter from the confines of the site.
- 5.6.2 In the event that litter does escape from the site, it shall be retrieved as soon as practicable and no later than 1 hour after its escape.

## 6 Site records

### 6.1 Security and availability of records

#### *Security of records*

- 6.1.1 All records which are required to be made under the other conditions of this licence, the working plan and The Hazardous Waste Regulations (Northern Ireland) 2005 shall be maintained and kept secure from loss, damage or deterioration, and shall be kept in accordance with the requirements specified in Table 6.1 below.

#### *Availability of records*

- 6.1.2 All records which are required to be made under the other conditions of this licence, the working plan and The Hazardous Waste Regulations (Northern Ireland) 2005 shall be made available for inspection at the place where they are kept immediately when required by an authorised officer of the Department.

**Table 6.1**

Site records	Specified standards
Wastes accepted	All records shall be stored either: i. On paper in a secure cabinet or cupboard; or ii. On computer disc with a back up copy
Wastes rejected	
Wastes dispatched	
Site diaries	Records shall be kept for a minimum of 2 years  All hazardous waste consignment notes must be stored as paper copies in a secure cabinet or cupboard on site for a minimum of 3 years, in accordance with Regulation 40 of The Hazardous Waste Regulations (Northern Ireland) 2005

### 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 site. This record shall include the following details:
- a Loads in :- Waste type as specified under condition 1.2 and the relevant European Waste Catalogue code , quantity (tonnes), date received, date accepted, producer, registered carrier.

- b Loads out :- Waste type as specified under condition 1.2 and the relevant European Waste Catalogue code, quantity (tonnes), date removed, authorised point of disposal, registered carrier, consignment note number.

*Summary records of wastes accepted and removed*

- 6.2.2 A summary record of the waste types removed from the site shall be made for each quarter of the financial year and shall be submitted to the Department within one month following the end of that quarter. The summary record shall be in a format agreed by the Department 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 Department. This shall include a record of the following events:
  - a construction work
  - b maintenance
  - c breakdowns
  - d emergencies
  - e problems with waste received and action plan
  - f site inspections, monitoring and consequent actions carried
  - g technically competent management attendance on site: the date and the time onto site and the time left site
  - h despatch of records to the Department
  - i severe weather conditions
  - j complaints about site operations and actions taken
  - k environmental problems and remedial actions
- 6.3.2 Each record shall be completed within 24 hours of the relevant event.

## 7 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. This also includes waste that does not conform to the licence conditions being stored in quarantine areas for removal from the site;

*“authorised officer of the Department”*

means any person(s) authorised in writing by the Department pursuant to Part IV of the Waste and Contaminated Land (NI) Order 1997;

*“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 Department 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 as defined in The Hazardous Waste Regulations (Northern Ireland) 2005 or any statutory provisions or regulations 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 Department, 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 Department within the conditions);

*“inert waste “*

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

*“maintenance”*

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

*“preparatory works”*

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

*“probability”*

means the quantified expression of chance, denoted either as:

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

*“received”*

for waste being delivered to the site, shall mean delivered to the site and undergoing the waste acceptance procedures specified in the working plan, including storage of those wastes during those procedures prior to acceptance of the waste and including wastes that do not conform to licence conditions being kept on the site in quarantine areas pending collection;

*“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/prescribed offences”*

are offences within the meaning of Regulation 2 of the Waste Management Licensing Regulations (NI) 2003, 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 Department 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 Department within the conditions;

*“specified waste management operations”*

means the waste management operations authorised by condition 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 1997 Order”*

means the Waste and Contaminated Land (Northern Ireland) Order 1997 any statutory provisions or regulations amending or replacing them.

*“the 2003 Regulations”*

means the Waste Management Licensing Regulations (Northern Ireland) 2003

*“the Department”*

means the Department of Environment;

*“the Licence Holder”*

means the Licence Holder specified in this licence or other person to whom the licence has been transferred in accordance with Article 14 of the 1997 Order.

*“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 waste as defined in Article 2(2) of the 1997 Order or any statutory provisions or regulations amending or replacing it;

*“working plan”*

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



EXPLANATORY NOTES - including rights of appeal.

**RIGHTS OF APPEAL**

Article 17 of the Waste and Contaminated Land (NI) Order makes provision for the applicant to appeal the Decision of the Department to the Planning Appeals Commission where:

1. An application for a licence, or a modification of the conditions of a licence is refused;
2. a licence is granted subject to conditions;
3. the conditions of a licence are modified;
4. a licence is suspended;
5. a licence is revoked under Article 12 or 16;
6. an application to surrender a licence is refused; or
7. an application for the transfer of a licence is refused.

Appeals should be made by notice in writing. Such a notice shall be accompanied by:

1. a statement of the grounds of the appeal;
2. where the appeal relates to an application for a waste management licence or for the modification, surrender or transfer of a waste management licence, a copy of the appellants application and any supporting documents;
3. where the appeal relates to an existing waste management licence (including a waste management licence which has been suspended or revoked) a copy of that licence;
4. a copy of any correspondence relevant to the appeal;
5. a copy of any other document relevant to the appeal including, in particular, any relevant consent, determination, notice, planning permission under the Planning (NI) Order 1991(a) or consent under the Water (NI) Order 1999; and
6. a statement indicating whether the appellant wishes to appear before and be heard by the Planning Appeals Commission.

Notice of appeal must be given within 2 months of the date of the decision which is the subject of the appeal. Notices of appeal should be sent to:

The Planning Appeals Commission  
Park House  
87-91 Great Victoria Street  
Belfast  
BT2 7AG



LAND REGISTRY  
NORTHERN IRELAND

MAP APPROVED  
downland of Seagoe lower

BY E. GREENE. DATE 20/4/89

REGISTERED/UNREGISTERED

COUNTY ARMAGH

FOLIO N: 28335 PART 1

EDGED. RED. SHADED. BLUE

O.S. MAP 181-12 SE3

AREA AGREED/DISAGREED

COMPUTED TO CONTAIN

AREA NOT CONSIDERED

YOUR REF SEAGOE IND EST

THIS MAP MUST BE REVISITED  
WITH ANY FUTURE TRANSACTION  
GA 155/89

LAND REGISTRY  
NORTHERN IRELAND

MAP APPROVED

BY E. GREENE. DATE 20/4/89

REGISTERED/UNREGISTERED

COUNTY ARMAGH

FOLIO N: 28335 PART 16

EDGED. RED

O.S. MAP 181-12 SE3

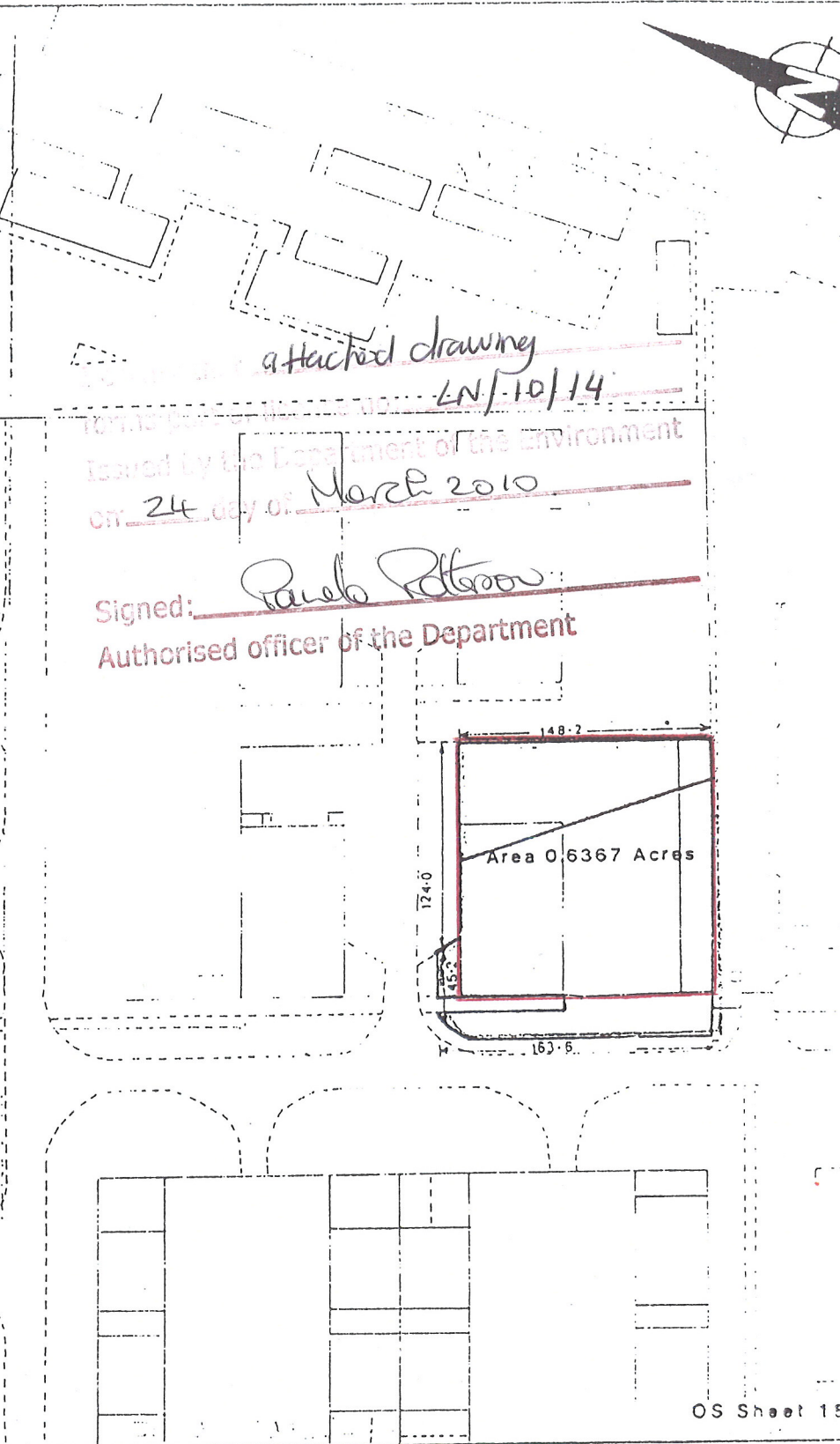
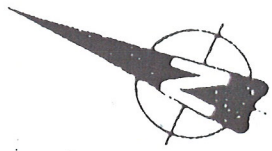
AREA AGREED/DISAGREED

COMPUTED TO CONTAIN

AREA NOT CONSIDERED

YOUR REF SEAGOE IND EST

THIS MAP MUST BE REVISITED  
WITH ANY FUTURE TRANSACTION  
GA 156/89



as per the attached drawing  
LN/10/14  
Issued by the Department of the Environment  
on 24 day of March 2010

Signed: Paula Peterson  
Authorised officer of the Department

All Dimensions in feet

OS Sheet 181-

job title Adco Distributors (N.I.) Limited

drawing title Lease Map Seagoe Ind Est Craigavon Co Armagh

scale 1:1250

drawn MCM checked APR

date March 1989

F / 1200

Department of Economic Development,  
I.D.B. House,  
64, Chichester Street,  
Belfast,  
BT1 4JX.

tele. 233233



**CERTIFICATE OF REGISTRATION UNDER THE WASTE AND CONTAMINATED LAND  
(NORTHERN IRELAND) ORDER 1997 AS AMENDED**

Name: THE DEPARTMENT OF THE ENVIRONMENT  
NORTHERN IRELAND ENVIRONMENT AGENCY  
Address: LICENSING SECTION  
1ST FLOOR, KLONDYKE BUILDING  
CROMAC AVENUE  
GASWORKS BUSINESS PARK  
BELFAST BT7 2JA  
Tel: (028) 9056 9360 / (028) 9056 9358 Fax: (028) 9056 9376

The following details are hereby certified by the Department of the Environment to be information which at the date of this certificate is entered in the register, maintained under Article 34(1) of The Waste and Contaminated Land (Northern Ireland) Order 1997 as amended.

Reference: WMEX 02/93  
Name(s) of operator: Andy Coulter  
T/A A C Tyres  
Site Address: 11 Innishargie Road  
Kircubbin  
Co Down  
BT22 2RG

Date of registration 24 September 2012

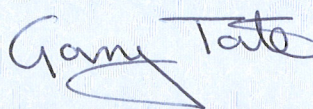
Expiry Date: 23 September 2015

Details of Exempt Activity:

The manufacture of finished goods from waste rubber EWC code 16 01 03 into equestrian soft surface for outdoor and indoor riding arenas. The total waste stored at anyone time must not exceed 500 tonnes

This activity is exempt under Paragraph 15 of Schedule 2 Part 1 of The Waste Management Licensing Regulations (Northern Ireland) 2003 as amended (subject to any conditions specified in the accompanying schedule).

Signature of Authorised Officer  
Of the Department of the Environment



Date 20/9/12

Mr Kenneth Short  
E K S Tyres (NI) Ltd  
145 Moneymore Road  
Cookstown  
BT80 9UU

Our Ref: WMEX 11/54

06<sup>th</sup> August 2012

Dear Mr Short,

**THE WASTE MANAGEMENT LICENSING REGULATIONS  
(NORTHERN IRELAND) 2003**

**SITE ADDRESS: 145 Moneymore Road, Cookstown, BT80 9UU**

I refer to your application for exemption under the above-mentioned regulations which was received in this office on 23/07/2012.

I am pleased to confirm that, based on the information you have provided to the Department, your activity at the above-mentioned site is now registered exempt from waste management licensing, under paragraph 15 of the above-mentioned Regulations.

The exemption covers the period –

**07 August 2012 – 06 August 2015**

I now enclose your Certificate of Exemption along with the relevant conditions that must be adhered to at all times.

Subject to Schedule 3 of the Waste Management Licensing Regulations (Northern Ireland) 2003, paragraph 13, your site shall be subject to appropriate periodic inspections and subject to Regulation 19, sub-paragraph (3) you are required to keep records under paragraph 14, Part 1, Schedule 3 and make information available to the Northern Ireland Environment Agency (see Appendix 1).

The Northern Ireland Environment Agency will write to you 2 months prior to the expiry date of the exemption regarding renewal of the registration.

If you have any queries, please contact me on the telephone number 028 9056 9389.

Yours sincerely



pp  
**GARY TATE**  
Licensing and Authorisation  
Encs



**CERTIFICATE OF REGISTRATION UNDER THE WASTE AND CONTAMINATED LAND  
(NORTHERN IRELAND) ORDER 1997 AS AMENDED**

Name: THE DEPARTMENT OF THE ENVIRONMENT  
NORTHERN IRELAND ENVIRONMENT AGENCY  
Address: LICENSING SECTION  
1ST FLOOR, KLONDYKE BUILDING  
CROMAC AVENUE  
GASWORKS BUSINESS PARK  
BELFAST BT7 2JA  
Tel: (028) 9056 9360 / (028) 9056 9358 Fax: (028) 9056 9376

The following details are hereby certified by the Department of the Environment to be information which at the date of this certificate is entered in the register, maintained under Article 34(1) of The Waste and Contaminated Land (Northern Ireland) Order 1997 as amended.

Reference: WMEX 11/54  
Name(s) of operator: E K S Tyres (NI) Ltd  
Site Address: 145 Moneymore Road  
Cookstown  
BT80 9UU  
Date of registration 07<sup>th</sup> August 2012  
Expiry Date: 06<sup>th</sup> August 2015

**Details of Exempt Activity:**

The manufacture of retread tyres from end-of-life tyres (EWC 16 01 03), and the storage of these wastes. There should be no more than 80 tonnes of waste tyres stored on site at any one time. All waste must be stored at the place of manufacturing only.

This activity is exempt under Paragraph 15 of Schedule 2 Part 1 of The Waste Management Licensing Regulations (Northern Ireland) 2003 as amended (subject to any conditions specified in the accompanying schedule).

Signature of Authorised Officer  
Of the Department of the Environment

*Garry Tate*

Date 6/8/12

# 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 following Table 1.1; or
  - b otherwise required by the conditions of this licence as being an integral part of those operations:

**Table 1.1 Specified waste management operations**

Specified Waste Management Operation	Permitted Waste Types which may be subject to the Specified Operation	Limits on Specified Waste Management Operations
<p>D15: Storage pending, on this site any of the category 'D' operations authorised under this column, or elsewhere than on this site, any of the operations listed in Schedule 3 of the 2003 Regulations, (excluding temporary storage, pending collection, on the site where it is produced).</p>	<p>End of life tyres: EWC 16 01 03</p>	<p>Storage pending disposal or recovery elsewhere than on this site</p>
<p>R13: Storage of waste consisting of materials intended for submission, on this site to any of the category 'R' operations authorised under this column, or elsewhere than on this site, to any of the operations listed in Schedule 3 of the 2003 Regulations, (excluding temporary storage, pending collection, on the site where it is produced).</p>		<p>Storage may only take place on an impermeable pavement constructed in accordance with condition 2.1.2</p>
<p>R4: Recycling/reclamation of metals and metal compounds</p>		<p>All tyre shredding operations shall take place within the building as indicated on stamped approved Drawing 02 of planning permission C/2007/1122/F.</p>
<p>R5: Recycling/ reclamation of other inorganic materials.</p>		<p>Treatment operations may only take place on an impermeable pavement constructed in accordance with condition 2.1.2.</p>
		<p>Storage of whole tyres, prior to shredding, shall take place in the external compound according to planning permission C/2007/1122/F.</p>
		<p>Storage of metal fractions removed in the tyre shredding process, pending removal to a suitably authorised metal recycler.</p>
		<p>Storage of all other materials may only take place in the external compound according to planning permission C/2007/1122/F.</p>

## 1.2 Permitted wastes

### *Permitted categories and types of wastes*

- 1.2.1 **No wastes other than those which are specified in Table 1.1 shall be accepted at the site.**

### *Permitted quantities of wastes*

- 1.2.2 The quantities of wastes accepted shall not exceed those listed in Table 1.2. The total quantity of waste accepted at the site per year shall not exceed 7,500 tonnes. The maximum storage capacities and maximum storage times shall not exceed those listed in Table 1.2 unless agreed in writing with the Department and only in an emergency.

**Table 1.2 Permitted quantities of waste**

<b>Permitted Waste Categories</b>	<b>Maximum Permitted Quantities</b>
<b>Unprocessed Wastes – material to be put into tunnels</b>	<b>(tonnes/year)</b>
<u>Unprocessed waste</u>	Maximum daily intake – 50 tonnes
Whole Tyres	Maximum storage capacity – 250 tonnes Maximum annual throughput – 7,500 tonnes Maximum storage time - 1 month
<u>Processed Waste</u>	Maximum storage capacity – 150 tonnes
Shredded tyres	Maximum storage time - 1 month
Metal	Maximum storage capacity – 20 tonnes Maximum storage time - 1 month

### *Exclusion of wastes with other specified characteristics*

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

**Table 1.2.A Excluded hazardous wastes with specified hazard codes**

Hazard Code	Hazardous Properties
H1	Explosive
H9	Infectious
H10	Teratogenic
H11	Mutagenic
H12	Substances or preparations which release toxic or very toxic gases in contact with water, air or an acid

### **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 Table 1.3 below.

**Table 1.3 Permitted operating hours**

Specified waste management operations	Permitted hours
Waste acceptance, shredding, mixing and screening	0900 to 1800 Monday to Saturday (including Bank Holidays)

### **1.4 Working Plan**

1.4.1 All operations shall be carried out in accordance with the Operation and Working Plan, received by the Department on 10<sup>th</sup> February 2009. Where any licence condition conflicts with the Working Plan, the licence condition shall take precedence over the Working Plan.

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

#### *Minimum staffing and supervision*

1.5.1 Whenever the site is open to receive or despatch waste, or is carrying out any of the specified waste management treatment 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 Department.

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

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

#### *Understanding of licence and working plan*

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

#### *Attendance of Technically Competent Persons*

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

### **1.6 Changes in technically competent persons**

- 1.6.1 Any changes in the technically competent management of the site and the name of any incoming person, together with evidence that such person has the required technical competence, shall be submitted to the Department in writing within 5 working days of the change in management. Technically competent management and technical competence shall be as defined under Regulations 3 to 5 of the 2003 Regulations.

### **1.7 Relevant convictions**

#### *Notification of relevant convictions*

- 1.7.1 In the event of the Licence Holder and/or any relevant person being convicted of any prescribed offence (as defined by Regulation 2 of the 2003 Regulations) and which is in addition to any already notified to the Department, then full details shall be provided to the Department within 14 days following sentencing, whether or not the conviction or sentence is subsequently appealed. Such details shall include, in respect of each relevant person (as defined in Article 3 of the Waste and Contaminated Land (NI) Order 1997 or any subsequent amendments to those regulations), the nature of the offence, the place and date of conviction, and any fine or other penalty imposed.

### *Notifications of appeals against convictions*

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

## **1.8 Amendments to working plan and supporting information**

- 1.8.1 The Licence Holder shall give the Department prior notice in writing of any proposed change to the Working Plan, and to any associated appendices, drawings and figures which are referenced in the Working Plan. 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.
- 1.8.2 The proposed change to the Working Plan shall not be implemented unless the Department has given its written consent to it. Following consent, the Licence Holder shall give the Department 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.

## **1.9 Notification of change of operator's or holder's details**

***This condition refers to changes in details concerning the existing licence holder/operator. Any change in licence holder or operator identity requires formal application to the Department. Change of licence holder or operator outside these requirements constitutes a breach of a licence condition.***

- 1.9.1 The following information shall be notified in writing within 5 working days to the Department:
- a 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;
    - 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)

**1.10 Notification of preparatory works**

1.10.1 No preparatory works shall be undertaken until at least 7 days prior notice in writing has been given to the Department of the intention to do so. The notification shall include details of what work is being done and when.

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

*Specified waste management operations*

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

*Cessation and recommencement of receiving wastes*

1.11.2 In the event that the site ceases receiving wastes for longer than 1 month then within 7 days following the elapse of that time, the Licence Holder shall inform the Department in writing of the date of cessation and of the planned date of recommencement. In the event that the site recommences receiving wastes sooner than the notified date then the Licence Holder shall give the Department not less than 7 days prior notice in writing.

**1.12 Notifications and submissions to Department**

1.12.1 Except where otherwise specified, all notifications and submissions to the Department under the requirements of these licence conditions:

- a shall be made in writing to the address specified by the Department in writing at the time of issue of this licence, or as subsequently specified by written notification to the Licence Holder;
- b shall quote the licence reference number and the name of the Licence Holder.



## 2 Site engineering for pollution prevention and control

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

#### *Provision and maintenance of site containment and drainage systems*

- 2.1.1 No waste shall be deposited, stored, treated or otherwise handled in any area of the site until the engineered site containment and drainage system for that area has been constructed and completed in accordance with this condition and 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.

**Table 2.1 Site containment and drainage standards**

<b>Type of Site Containment and Drainage</b>	<b>Minimum Specified Standards of Design, Construction and Maintenance</b>
a) Hardstanding	<p>Areas of hardstanding shall be constructed of granular material (e.g. crushed stone, aggregate, road planings or similar material) and maintained such that the working surface:</p> <ul style="list-style-type: none"><li>i) shall remain even</li><li>ii) shall not be subject to settlement</li><li>iii) shall not be subject to rutting by vehicles even when wet</li><li>iv) shall have sufficient durability to allow cleaning for example by scraping</li><li>v) shall remain free of standing water</li></ul>
b) Impermeable pavement, bunding and sills	<p>Areas of impermeable pavement, bunding and sills shall be constructed and maintained so as to prevent fluids running off the pavement and the transmission of fluids through the pavement or joints.</p> <p>Areas of impermeable pavement shall be:</p> <ul style="list-style-type: none"><li>i) laid to take the weight of relevant vehicles, plant and equipment without cracking or breaking</li><li>ii) free from cracks which could reduce impermeability</li><li>iii) resistant to mechanical, physical and chemical stresses to which they may be subjected</li><li>iv) fall towards the drainage system to prevent ponding</li></ul> <p>No liquid shall run off areas of impermeable pavement other than via the drainage system.</p>
c) Sealed drainage systems	<p>Drainage to areas of impermeable pavement shall be provided by a sealed drainage system that is comprised of a drainage system with impermeable components, which does not leak and, which will ensure that:</p> <ul style="list-style-type: none"><li>• no liquid will run off the pavement otherwise than via the system; and</li><li>• except where they may be lawfully discharged, all liquids entering the system are collected in a sealed sump.</li></ul> <ul style="list-style-type: none"><li>i) sealed sumps shall be inspected no less frequently than daily and after rain, emptied when the collected liquids reach 80% of its capacity as measured using a dipstick or equivalent gauge, and constructed and maintained so as to collect and contain all liquids which run off the pavement.</li><li>ii) inspections and emptying of sealed sumps shall be recorded in the site diary.</li><li>iii) uncontaminated drainage from clean yard areas shall be kept separate and discharged to either surface water or sewer or watercourse or soak away.</li></ul>
d) Covered buildings or roofed areas	<p>Where wastes are stored or treated in a building or roofed area:</p> <ul style="list-style-type: none"><li>i) The building or roofed area shall be designed, constructed and maintained to prevent ingress of rain and surface water.</li><li>ii) Roof water shall be kept separate from contaminated water and other liquids and shall be discharged to either surface water or a sewer or a water course or a soak away.</li></ul>
e) Fixed tanks	<ul style="list-style-type: none"><li>a) All fixed tanks used for the storage and treatment of wastes must be constructed and maintained to a standard which is fit for purpose.</li><li>b) All fixed tanks (and their associated inlet and outlet pipes and valves) used for the storage of potentially polluting or hazardous wastes, shall be located within a bund and on an impermeable pavement, which shall be</li></ul>

**Table 2.1 Site containment and drainage standards**

Type of Site Containment and Drainage	Minimum Specified Standards of Design, Construction and Maintenance
	isolated from the site drainage system. The capacity of any bund shall be at least 110% of the total capacity of all tanks within it. c) All underground tanks (and their associated inlet and outlet pipes and valves) used for the storage of potentially polluting or hazardous wastes in liquid, sludge or powder form shall be located within engineered secondary containment, which shall be isolated from the site drainage system.
f) Storage areas for skips, drums and other mobile tanks and containers	All skips, drums and other mobile tanks and containers having individual capacities of greater than 10 litres which are used for the storage of wastes, shall be constructed and maintained so that they do not leak any liquids contained in them.

*Construction quality assurance of new site containment and drainage systems*

- 2.1.3 No wastes shall be deposited, stored, treated or otherwise handled in any area or in any fixed tank for which an engineered site containment and drainage system has been newly constructed to meet the requirements of this condition until:
- a details of the identities, relevant experience and relevant qualifications of the personnel who will be providing Quality Assurance of the engineered site containment and drainage systems have been submitted in writing to the Department and acknowledged in writing by the Department;
  - b the engineered site containment and drainage system has been constructed in accordance with the other requirements of this condition;
  - c the Validation Report on the construction of the engineered site containment and drainage system has been submitted in writing to the Department and has been acknowledged in writing by the Department.

*Construction quality assurance of existing site containment and drainage systems*

- 2.1.4 No wastes shall be deposited, stored, treated or otherwise handled in any area or in any fixed tank for which a previously constructed and existing engineered site containment and drainage system is being used to meet the requirements of this condition unless:
- a details of the identities, relevant experience and relevant qualifications of the suitably qualified Engineer who will be providing inspection and validation of the existing engineered site containment and drainage systems have been submitted in writing to the Department and acknowledged in writing by the Department;
  - b the engineered site containment and drainage system for that area has been inspected by the designated Engineer and has been maintained or improved, in accordance with their recorded advice, to meet the standards specified in Table 2.1;
  - c the Validation Report confirming that the engineered site containment and drainage system meets the specified standards has been submitted in writing to the Department and has been acknowledged in writing by the Department.

## 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 The identification board shall be inspected at least once per week. In the event of damage or defect, the board shall be repaired or replaced within 3 working days.
- 3.1.3 The board shall be easily readable from outside the site entrance in daylight hours, and shall display the following information:
- a Site name and address;
  - b Licence Holder name (company name, not individual name unless justified as necessary);
  - c Operator name (company name, not individual name unless justified as necessary);
  - d Licence number;
  - e Emergency contact name and telephone number of licence holder/operator (for security reasons, personal names and home phone numbers should not be used except where no alternative is practicable);
  - f Statement that the site is licensed by Northern Ireland Environment Agency, Department of the Environment;
  - g Northern Ireland Environment Agency telephone number 028 90 569359 (office hours),
  - h Days and hours site is open to receive waste.

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

### 3.2 Site security

- 3.2.1 Site security systems shall be provided at all times during the subsistence of this licence, the objective of which shall be to prevent access by humans and livestock which is not authorised either by the Licence Holder or under legal powers of entry.<sup>1</sup> These shall be installed, operated and maintained, and shall be fully documented and recorded, in accordance with the following requirements:

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<sup>1</sup> The Department will review site security requirements in the light of ongoing site operations and licences may be modified to specify specific requirements.

**Table 3.2 Site security system standards**

<b>Site security system</b>	<b>Specified standards</b>
Timetable of provision	Site security shall be provided prior to commencement of the specified operations.
Design standards	Unless otherwise agreed in writing by the Department, 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 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, and recorded in the site diary. Any defects or damage shall be made secure by the end of the working day, and shall be repaired within 7 working days of the damage being detected. All repairs shall be recorded in the site diary.

## 4 Site operations

### 4.1 Control of mud and debris

#### *Prevention of mud and debris on road*

- 4.1.1 Whenever the site is receiving or despatching wastes measures shall be provided, operated and maintained, with the objective of preventing the deposit or tracking of mud or debris arising from the site onto public areas outside the site, which shall include public highways and areas of public access outside the site.
- 4.1.2 All vehicles leaving areas of the site which are operational or upon which engineering works are being carried out shall, before leaving the site, be cleaned as necessary and shall be checked to ensure that they are clear of loose waste and that their loads are secure.

#### *Remediation of mud and debris on road*

- 4.1.3 In the event that mud or debris arising from the site is deposited onto public areas outside the site, remedial measures shall be implemented immediately, in accordance with the following requirements:
- a The affected public areas outside the site shall be cleaned
  - b Traffic shall be isolated from sources of mud, debris and loose waste within the site to prevent further tracking, and measures shall be taken to clear any such sources as soon as practicable. All such deposits shall be removed by the end of each working day.

### 4.2 Potentially polluting leaks and spillages of waste

#### *Potentially polluting leaks and spillages from vehicles, plant and equipment*

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

#### *Potentially polluting leaks and spillages from fixed tanks, skips, drums and other mobile containers*

- 4.2.2 Each tank, skip, drum or other mobile container used to hold wastes which consist of or contain potentially polluting liquids, or other potentially polluting materials shall be, while on the site:
- a loaded and unloaded in accordance with the specified handling procedures;
  - b filled and emptied in accordance with the specified filling and emptying procedures;

- c clearly and unambiguously labelled regarding its contents, unless the contents are clearly identifiable by visual inspection;
- d inspected and maintained according to the specified maintenance schedules and procedures, which shall be fully documented and recorded;
- e in the event of damage or deterioration to a container that is, or is likely to cause, a leak, that container shall be repaired or replaced immediately;
- f secured while the site is not operating

*Control and remediation of leaks and spillages*

4.2.3 Before the commencement of specified waste management operations, the licence holder shall forward to the Department, an emergency leaks and spillages action plan detailing precautions in place, equipment available and the measures to be taken in the event of a leak or spillage on site. Procedures detailed in the action plan shall meet the standards specified in Table 4.2. In the event of any potentially polluting leak or spillage occurring on site, documented control and remediation procedures shall be implemented immediately. Such action shall prevent the escape of the material to the environment

<b>Table 4.2 Standards for prevention and control of leaks and spillages</b>	
<b>Action</b>	<b>Specified standards</b>
a) Control and remediation of leaks and spillages	<ul style="list-style-type: none"> <li>i) Minor spills shall be cleaned up immediately, using sand or proprietary absorbent to clean up liquids.</li> <li>ii) Where major spillages occur which are causing or are likely to cause pollution emissions to the environment: <ul style="list-style-type: none"> <li>• Immediate action shall be taken to contain the spillage and prevent liquid from entering surface water drains, water courses and unsurfaced ground;</li> <li>• The spillage shall be cleaned immediately and placed in alternative sealed containers;</li> <li>• The Department shall be informed immediately, and a record entered in the site diary.</li> </ul> </li> </ul>

**4.3 Fires on the site**

*Prohibition of unauthorised fires on site*

4.3.1 No fires shall be permitted within the area covered by this licence. Any fire arising on the site shall be treated as an emergency situation and appropriate action taken to immediately extinguish the fire.

*Fire action plan*

4.3.2 Before the commencement of specified waste management operations, the licence holder shall forward to the Department, a fire action plan detailing fire precautions in place, firefighting equipment available and the measures to be taken in the event of a fire on site. In the event of a fire on the site, the fire action plan shall be implemented and the Department shall be informed immediately and action taken shall be recorded in the site diary.

## 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. All waste despatched from the site shall be sent to authorised facilities.

**Table 4.4 Standards for waste acceptance and control procedures**

Stage of Waste Handling	Specified standards
Waste inspection	Wastes stored at the site shall be regularly checked during the working day to ensure they comply with the permitted waste types detailed in condition 1.2.1 and that they are stored in the appropriate container and location within the site.
Waste Control procedures: Quarantine storage and rejection of 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 placed immediately in a designated quarantine area and stored in a manner that will not cause risk of environmental pollution, harm to human health or damage to local amenity.</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) Quarantined wastes shall be removed from site within 7 days.</li><li>iv) A record shall be kept in the site diary of all rejected wastes and all wastes kept in quarantine storage</li></ul>
Identification of wastes	<ul style="list-style-type: none"><li>i) Areas, bays and containers shall be clearly defined and labelled to identify the wastes stored within them;</li><li>ii) Containers for hazardous waste shall be appropriately labelled.</li></ul>
Inspection of wastes for despatch	All wastes despatched from the site shall be inspected prior to despatch to confirm their description and composition.
Waste despatch and recording	Waste despatched from the site shall only be sent to appropriately licensed facilities.
Incompatible wastes	Incompatible wastes, which are likely, in combination with each other or with other material at the facility, to give rise to pollution of the environment or harm to human health outside the site, shall be clearly identified and kept physically separate in designated areas



## **4.5 Waste quantity measurement systems**

### *Means of measurement*

The weight of all wastes accepted at and despatched from the site shall be determined by means of a public weighbridge, or a weighbridge or scales located within the site. The weighbridge or scales used shall record quantities of wastes to an accuracy of 0.01 tonnes.

## **4.6 Storage of wastes with specified hazardous properties or forms**

- 4.6.1 Notwithstanding the specification of permitted waste types under section 1.2, wastes displaying any of the hazardous properties or forms specified in Table 4.6 shall only be handled and/or stored on the site in accordance with the standards specified in Table 4.6 below.

**Table 4.6 Standards for handling and/or storage of wastes with specified characteristics**

<b>Storage requirement</b>	<b>Specified standards</b>
a) Solids wastes which when handled or stored are likely to generate significant quantities of dust, fibres or particulates	These wastes only permitted if they are handled and stored in: (i) buildings or containers providing containment of aerial emissions of dusts and particulates; or (ii) bays or roofed areas provided with a permanent water supply and water spraying or misting equipment is used at all times when significant quantities of dust, fibres or particulates are likely to be, or are being generated.
b) Odorous wastes, including wastes which are likely to be odour producing during storage	i) These wastes only permitted if: <ul style="list-style-type: none"><li>• Stored in sealed containers and in areas provided with impermeable pavement and sealed drainage; or</li><li>• Stored in covered buildings providing containment of aerial emissions; or</li><li>• Stored in bays provided with an impermeable pavement and sealed drainage.</li></ul> ii) These wastes shall be subject to monitoring in accordance with condition 5.2 and shall in any case not be stored for longer than 48 hours, unless otherwise agreed in writing with the Department.
c) Solid wastes which are likely to produce polluting or contaminating run-off.	i) Inert wastes only permitted if stored in bays with: <ul style="list-style-type: none"><li>• Hardstanding and drainage that prevents run-off from the waste into adjacent surface water bodies or storm water drains; or</li><li>• An impermeable pavement and sealed drainage.</li></ul> ii) Degradable municipal wastes only permitted if stored in areas with impermeable pavement and sealed drainage and: <ul style="list-style-type: none"><li>• Stored in sealed containers; or</li><li>• Stored in covered shelters or roofed areas; or</li><li>• Stored in bays.</li></ul>
d) Wastes which are in a form which is either sludge or liquid	These wastes only permitted if: <ul style="list-style-type: none"><li>• Stored in liquid-retaining, covered containers; and</li><li>• Stored in areas provided with impermeable pavement and sealed drainage.</li></ul>
e) Combustible wastes	These wastes only permitted if stored in bays provided with an impermeable pavement and sealed drainage, and with access to fire fighting equipment.
f) Wastes which are likely to attract pests	These wastes shall be subject to monitoring in accordance with condition 5.4, and in any case not be stored for longer than 48 hours, unless otherwise agreed in writing with the Department.
g) Wastes which are likely to attract scavengers	i) These wastes only permitted if: <ul style="list-style-type: none"><li>• Stored in closed or secure containers; or</li><li>• Stored in covered buildings providing security against scavengers, or</li><li>• Stored in bays provided with netting or fencing providing security against scavengers.</li></ul> ii) These wastes shall be subject to monitoring in accordance with condition 5.5
h) Wastes which include light wastes or other wastes liable to give rise to litter	These wastes only permitted if: <ul style="list-style-type: none"><li>• Stored in sealed containers and in areas provided with impermeable pavement and sealed drainage; or</li><li>• Stored in covered buildings providing containment of aerial emissions of litter; or</li><li>• Stored in bays provided with litter control netting or fencing.</li></ul>

## **4.7 Removal of residual wastes from site**

- 4.7.1 In the event that the specified waste management operations on the site cease and the Department has reasonable grounds to believe that they will not be resumed within 90 days, 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 Department in writing. This shall include, where required by the Department, cleaning of plant, equipment and engineered containment used in the specified waste management operations, and emptying of any sealed sumps or interceptors.

## 5 Amenity management and reporting

### 5.1 Monitoring and control of dusts, fibres and particulates

5.1.1 Measures shall be implemented and maintained throughout the operational life of the site to control and monitor emissions of dusts, fibres and particulates from the site, in accordance with Table 5.1 below.

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

**Table 5.1 Standards for monitoring and control of aerial emissions of dusts, fibres and particulates.**

Monitoring of aerial emissions	Site staff supervising individual waste handling operations shall, during the carrying out of those operations, undertake visual monitoring of aerial emissions.
Remedial action	On detection or notification of visible aerial emissions that are likely to be transported beyond the site boundary, 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.  The incident and the remedial action shall be recorded in the site diary.

### 5.2 Monitoring and control of odours

5.2.1 Measures shall be implemented and maintained throughout the operational life of the site to control and monitor emissions of odours from the site, in accordance with Table 5.2.

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 Department.

**Table 5.2 Standards for monitoring and control of emissions of odours**

Monitoring of odorous emissions	Olfactory monitoring of aerial emissions from the site shall be carried out: <ul style="list-style-type: none"><li>i. 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</li><li>ii. By site staff supervising individual waste handling operations during the carrying out of those operations.</li></ul>
Remedial action	On detection or notification of aerial emissions of odour that 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.  The incident and the remedial action shall be recorded in the site diary.

**5.3 Control of noise**

5.3.1 Measures shall be implemented and maintained throughout the operational life of the site, in accordance with this condition and the working plan, to control and minimise the levels of noise from operations on the site beyond the site boundary.

**5.4 Control of pest infestations**

5.4.1 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 Table 5.4.

**Table 5.4 Standards for monitoring and control of pest infestations**

Monitoring of pest infestations	An inspection of stored wastes for pest infestations shall be carried out at least at weekly intervals and shall be recorded in the site diary.
Remedial action	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.  The incident and the remedial action shall be recorded in the site diary.

## **5.5 Control of scavenging birds and other scavengers**

- 5.5.1 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. 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.

## **5.6 Control of litter**

- 5.6.1 Measures shall be implemented and maintained throughout the operational life of the site to control and monitor the escape of litter from the confines of the site.
- 5.6.2 In the event that litter does escape from the site, it shall be retrieved as soon as practicable and no later than 1 hour after its escape.

## 6 Site records

### 6.1 Security and availability of records

#### *Security of records*

- 6.1.1 All records which are required to be made under the other conditions of this licence, the working plan and The Hazardous Waste Regulations (Northern Ireland) 2005 shall be maintained and kept secure from loss, damage or deterioration, and shall be kept in accordance with the requirements specified in Table 6.1 below.

#### *Availability of records*

- 6.1.2 All records which are required to be made under the other conditions of this licence, the working plan and The Hazardous Waste Regulations (Northern Ireland) 2005 shall be made available for inspection at the place where they are kept immediately when required by an authorised officer of the Department.

**Table 6.1**

Site records	Specified standards
Wastes accepted	All records shall be stored either: i. On paper in a secure cabinet or cupboard; or ii. On computer disc with a back up copy
Wastes rejected	
Wastes dispatched	
Site diaries	
	Records shall be kept for a minimum of 2 years
	All hazardous waste consignment notes must be stored as paper copies in a secure cabinet or cupboard on site for a minimum of 3 years, in accordance with Regulation 40 of The Hazardous Waste Regulations (Northern Ireland) 2005

### 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 site. This record shall include the following details:
- a Loads in :- Waste type as specified under condition 1.2 and the relevant European Waste Catalogue code , quantity (tonnes), date received, date accepted, producer, registered carrier.

- b Loads out :- Waste type as specified under condition 1.2 and the relevant European Waste Catalogue code, quantity (tonnes), date removed, authorised point of disposal, registered carrier, consignment note number.

*Summary records of wastes accepted and removed*

- 6.2.2 A summary record of the waste types removed from the site shall be made for each quarter of the financial year and shall be submitted to the Department within one month following the end of that quarter. The summary record shall be in a format agreed by the Department 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 Department. This shall include a record of the following events:
  - a construction work
  - b maintenance
  - c breakdowns
  - d emergencies
  - e problems with waste received and action plan
  - f site inspections, monitoring and consequent actions carried
  - g technically competent management attendance on site: the date and the time onto site and the time left site
  - h despatch of records to the Department
  - i severe weather conditions
  - j complaints about site operations and actions taken
  - k environmental problems and remedial actions
- 6.3.2 Each record shall be completed within 24 hours of the relevant event.



## 7 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. This also includes waste that does not conform to the licence conditions being stored in quarantine areas for removal from the site;

*“authorised officer of the Department”*

means any person(s) authorised in writing by the Department pursuant to Part IV of the Waste and Contaminated Land (NI) Order 1997;

*“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 Department 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 as defined in The Hazardous Waste Regulations (Northern Ireland) 2005 or any statutory provisions or regulations 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 Department, 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 Department within the conditions);

*“inert waste “*

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

*“maintenance”*

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

*“preparatory works”*

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

*“probability”*

means the quantified expression of chance, denoted either as:

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

*“received”*

for waste being delivered to the site, shall mean delivered to the site and undergoing the waste acceptance procedures specified in the working plan, including storage of those wastes during those procedures prior to acceptance of the waste and including wastes that do not conform to licence conditions being kept on the site in quarantine areas pending collection;

*“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/prescribed offences”*

are offences within the meaning of Regulation 2 of the Waste Management Licensing Regulations (NI) 2003, 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 Department 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 Department within the conditions;

*“specified waste management operations”*

means the waste management operations authorised by condition 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 1997 Order”*

means the Waste and Contaminated Land (Northern Ireland) Order 1997 any statutory provisions or regulations amending or replacing them.

*“the 2003 Regulations”*

means the Waste Management Licensing Regulations (Northern Ireland) 2003

*“the Department”*

means the Department of Environment;

*“the Licence Holder”*

means the Licence Holder specified in this licence or other person to whom the licence has been transferred in accordance with Article 14 of the 1997 Order.

*“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 waste as defined in Article 2(2) of the 1997 Order or any statutory provisions or regulations amending or replacing it;

*“working plan”*

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