

WML / Permit

ELV Site Licence under WML

PERMIT

**ENVIRONMENTAL PROTECTION ACT 1990.  
SITE LICENCE.**

LICENCE REF No: EAWML/34233

FACILITY TYPE: Vehicle Depollution & Dismantling  
(Authorised Treatment) Facility

The Environment Agency, in pursuance of Part II of the Environmental Protection Act 1990 and Regulation 45 of The End-of-Life Vehicles Regulations 2003, hereby grant a site licence authorising the keeping and treating of controlled waste on the land specified in schedule 1 to this licence to **Mr. Paul Jones** 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 **Unit 16, Bona Road, Llandow Trading Estate, Cowbridge, CF71 7PB** (hereinafter called "the site") shown edged red on Drawing Reference Number **PJ/001**, and attached to this licence.

Signed



Authorised to sign on behalf of the Environment Agency

Name:- **Audrey Evans**

Team Leader Regulatory Waste

Dated 16<sup>th</sup> August 2004

FOR ENVIRONMENT AGENCY OFFICIAL USE ONLY

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

EXPLANATORY NOTES - including rights of appeal.

**RIGHTS OF APPEAL**

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

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

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

The Planning Inspectorate  
Room 4/19  
Eagle Wing, Temple Quay House  
2 The Square  
Temple Quay  
Bristol  
BS1 6PN

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

Tel: 0117 372 8812  
Fax: 0117 372 6093

Tel: 02920 823859  
Fax: 02920 825150

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

a statement of the grounds of appeal;

a copy of the licence;

a copy of any correspondence relevant to the appeal;

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

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

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

## Schedule 2: Conditions

### 1 General considerations

#### 1 1 **Application of conditions to all waste motor vehicles**

1 1 1 The conditions of this licence apply to the recovery (including storage) of all waste motor vehicles as defined by regulation 50 of the End-of-life Vehicles Regulations 2003

#### 1 2 **Technical Requirements for the Treatment and Storage of waste motor vehicles**

1 2 1 The storage (including temporary storage) and treatment of waste motor vehicles shall only be carried out at the site if it meets the standards set out in Schedule 5 of the End-of-life Vehicles Regulations 2003

1 2 2 Storage and treatment operations of waste motor vehicles shall meet the requirements of Schedule 5 of the ELV Regulations. Infrastructure and equipment provided to meet these obligations shall be maintained in working order and shall be used to give effect to their purpose.

1 2 3 The removal of coolants from air-conditioning units shall be in accordance with the "Guidance on the Recovery and Disposal of Controlled Substances Contained in Refrigerators and Freezers" published by the Environment Agency.

### 2 Specific considerations

#### 2 1 **Specified waste motor vehicle storage and treatment operations**

#### 2 2 **The Operator is authorised to carry out the activities specified in Table 2.1**

2 2 1 The Operator is authorised to carry out the activities specified in Table 2.1

2 2 2 Where discharge to surface water is taking place as part of the site operations the Discharge shall consist solely of surface run off (site drainage) from the treatment and storage areas within the licensed area. The discharge shall be made in the manner and at the place specified as

- a) discharging via a Class 1 interceptor
- b) discharging to the Sutton Brook
- c) at National Grid Reference SS95230 71981 being a reasonable conversion from the largest scale Admiralty chart including the waters described in

- paragraph (b) above
- d) shown marked "X" on Drawing Reference Number PJ/003 attached to this licence

2.3 **Specified Waste Management Operations & Exempt Waste Management Operations**

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

**Table 2.1 Specified end-of-life vehicle storage and treatment operations**

Specified Operation	Permitted Waste Types (and European Waste Catalogue number) which may be subject to the Specified Operation	Limits on Specified Operations
<b>STORAGE</b>		
<b>R13</b> Storage of wastes pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where it is produced)	(i) 16 01 04 End of life vehicles **	<ul style="list-style-type: none"> <li>Maximum storage capacity 100 vehicles stored on an Impermeable Pavement with a sealed drainage system</li> <li>Vehicles shall only be stored on the area marked on the site plan referenced <b>Llandow Metals 002</b>.</li> </ul>
<b>D15</b> Storage of wastes pending any of the operations numbered D1 to D14 (excluding temporary storage, pending collection, on the site where it is produced)	(ii) 16 01 06 End of life vehicles (containing neither liquids nor other hazardous components)	<ul style="list-style-type: none"> <li>Maximum storage capacity 1000 vehicles</li> <li>Vehicles shall only be stored on the area marked on the site plan referenced <b>Llandow Metals 002</b>.</li> </ul>
	(iii) Residual wastes produced as a result of depollution or further treatment	<ul style="list-style-type: none"> <li>Maximum storage capacity 50 tonnes, not exceeding 10 tonnes of hazardous waste</li> <li>Residual Wastes shall only be stored on the area marked on the site plan referenced <b>Llandow Metals 002</b>.</li> <li>Maximum storage time of 1 year prior to disposal or 3 years prior to recovery</li> </ul> <p><b>The overall maximum storage capacity shall not exceed 1000 vehicles and 50 tonnes of residual waste, not exceeding 10 tonnes of hazardous waste removed from depolluted vehicles</b></p>
<b>TREATMENT</b>		
<b>R3</b> Recycling / reclamation of metals and metal compounds	(i) 16 01 04 End of life vehicles **	<ul style="list-style-type: none"> <li>40 vehicles per week</li> <li>Vehicles shall only be treated on the area marked on the site plan referenced <b>Llandow Metals 002</b>.</li> </ul>
<b>R4</b> Recycling / reclamation of other inorganic materials	(ii) 16 01 06 End of life vehicles containing neither liquids nor other hazardous components)	<ul style="list-style-type: none"> <li>40 vehicles per week</li> <li>Vehicles shall only be treated on the area marked on the site plan referenced <b>Llandow Metals 002</b>.</li> </ul>
<b>DISCHARGE TO SURFACE WATER</b>	Surface run off from the treatment and storage areas within the licensed area	As far as it is reasonably practicable the works shall be operated so as to prevent the Discharge from containing any significant trace of visible oil or grease

**The overall annual throughput of the site shall not exceed 2500 vehicles.**

EWC entries marked with a \*\* may be hazardous depending on threshold concentrations Please refer to Agency Technical Guidance WM2 or subsequent guidance for further advice

## 2.3 **Fit and proper person**

- 2.3 1 Any changes in the technically competent management of the site, the name of any incoming person and evidence that such a person has the required technical competence, shall be submitted to the Agency in writing within 5 working days of the change in management
- 2.3 2 In the event of the Licence Holder being convicted of any relevant offence and which is in addition to any already notified to the Agency, then full details shall be provided to the Agency within 14 days following sentencing, whether or not the conviction or sentence is subsequently appealed. Such details shall include the nature of the offence, the place and date of conviction, and any fine or other penalty imposed.
- 2.3 3 In the event that the Licence Holder lodges an appeal against any such conviction, the Licence holder shall notify the Agency of this within 14 days of the lodging. The Licence Holder shall notify the Agency of the results of that appeal within 14 days of the appeal being decided.

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

- 2.4 1 The following information shall be notified in writing within 5 working days to the Agency
- a any change in the Licence Holder's name(s) or address(es),
  - b 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),

## 2.5 **Notifications and submissions to the Agency**

- 2.5 1 Except where otherwise specified, all notifications and submissions to the Agency under the requirements of these licence conditions
- a shall be made in writing to the address specified by the Agency in writing at the time of issue of this licence, or as subsequently specified by written notification to the Licence Holder
  - b shall quote the licence reference number and the name of the Licence Holder

# 3 **Site engineering for pollution prevention & control**

## 3.1 **Engineering site containment & drainage systems**

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

- 3.1 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 condition 3.1.2

- 3 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 3.1 below



**Table 3.1 Site containment & drainage standards**

Type of Site Surface & Drainage	Minimum Specified Standards of Design, Construction & Maintenance
a) Hardstanding	<p>Areas of hardstanding shall be constructed of granular material (e.g. crushed stone, aggregate, road planings or other 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 or differential 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>Where there is a risk of chemical corrosion, areas of impermeable pavement, kerbs, bunds and sills shall be provided with suitable resistance to minimise such corrosion</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 other 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> <li>• Where the discharge is to surface water and is permitted as part of this waste management licence the discharge shall pass through a Class 1 oil interceptor which shall be operated and maintained in accordance with good operational practice</li> <li>i) Sealed sumps shall be inspected no less frequently than daily and after rain, emptied when the collected liquids reach 80% of the capacity of the sump 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 soakaway</li> </ul>
d) Covered buildings or roofed areas	<p>Where wastes are stored in a building</p> <ul style="list-style-type: none"> <li>i) the building 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 soakaway</li> </ul>
e) Fixed bays	<p>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</p>
f) Storage areas for tanks, skips, drums and other containers	<p>All tanks, skips, drums and other containers which are used for the storage or treatment of wastes shall be constructed and maintained so that they do not leak any liquids contained in them</p> <p>All tanks (and their associated inlet and outlet pipes and valves) which are used for the storage or treatment of wastes shall be stored within a bunded or silled area with impermeable pavement, which shall be isolated from the drainage system and</p>



**Table 3.1 Site containment & drainage standards**

Type of Site Surface & Drainage	Minimum Specified Standards of Design, Construction & Maintenance
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shall meet the following specifications

- The bunded or silled area shall be designed and constructed to contain 110% of the volume of the largest container or tank
- The bunded or silled area shall be inspected no less frequently than weekly and after rain and shall be emptied so as to maintain a capacity of 110% of the volume of the largest container or tank.
- Rainwater shall be removed by bailing or pumping and shall be treated as contaminated water and disposed of to either an approved discharge or a suitably licensed or permitted facility

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| g) Inspection and maintenance of engineered containment | <p>All areas of hardstanding, impermeable pavement, sealed drainage systems, covered buildings, roofed areas, fixed bays and storage areas for tanks, skips, drums and other containers</p> <p>i) shall be inspected no less frequently than monthly, to ensure the continuing integrity and fitness for purpose of their construction, and the inspection and any necessary maintenance shall be recorded in the site diary, and</p> <p>ii) in the event of any damage occurring which breaches the integrity of the 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 Agency immediately, and shall not recommence importing waste into or treating waste in the affected area until it has been repaired to a standard at least as good as the original specification</p> |
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*Construction quality assurance of new site containment & drainage systems*

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| 3 1 3 | <p>No wastes shall be deposited, stored, treated or otherwise handled in any area or any fixed tank for which an engineered site containment and drainage system is to be newly constructed to meet the requirements of this condition until:</p> <p><b>a</b> details of the identities, relevant experience and relevant qualifications of the personnel who will be providing Quality Assurance of the engineered site containment and drainage systems have been submitted in writing to the Agency and acknowledged in writing by the Agency,</p> <p><b>b</b> the engineered site containment and drainage system has been constructed in accordance with the other requirements of condition 3.1,</p> <p><b>c</b> the Validation Report on the construction of the engineered site containment and drainage system has been submitted in writing to the Agency, and the Agency has confirmed in writing that it has no objection to the placement of wastes on that containment area</p> |
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*Construction quality assurance of existing site containment & drainage systems*

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| 3 1 4 | <p>No wastes shall be deposited, stored, treated or otherwise handled in any area or 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</p> |
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- a details of the identities, relevant experience and relevant qualifications of the suitably qualified Engineer who will be providing inspection and validation of the existing engineered site containment and drainage systems have been submitted in writing to the Agency and acknowledged in writing by the Agency,
  - b the engineered site containment and drainage system for that area has been inspected by the designated Engineer and has been maintained or improved, in accordance with their recorded advice, to be fit for purpose in that
    - i areas of impermeable pavement are laid to take weight of relevant vehicles, plant and equipment without cracking or breaking, and
    - ii areas of impermeable pavement are free from cracks which could increase permeability, and
    - iii areas of impermeable pavement are resistant to mechanical, physical and chemical stresses to which they may be subjected; and
    - iv areas of impermeable pavement fall towards the drainage system to prevent ponding; and
    - v no liquid will run off areas of impermeable pavement other than via the drainage system, and
    - vi the drainage system is sealed so that it does not leak and is capable of collecting and containing liquids draining from the impermeable pavement , and
    - vii liquid from the drainage system is disposed of to an approved discharge
- 3 1 5 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 3.1
- 3 1 6 All ~~discharges~~ from the impermeable pavements shall pass through a Class 1 oil intercepter which shall be operated and maintained in accordance with good operational practice such that
- a) ~~it remains~~ fully operational except at times of unavoidable mechanical or electrical breakdown which shall be attended to, and the Agency informed of the failure, as soon as possible after the failure,
  - b) ~~Following~~ a failure all equipment shall be returned to normal operation as soon as practicable

## 4 Site infrastructure

### 4 1 Site security

4 1 1 The site shall be secure

### 4.2 Provision of site identification board

4 2 1 No end-of-life vehicles shall be received at the site unless an identification board is provided at or near the site entrance

- 4 2 2 The board shall be easily readable from outside the site entrance in daylight hours, and shall display the following information:
- a Site name and address,
  - b Licence Holder name (company name, not individual name unless justified as necessary),
  - c Operator name (company name, not individual name unless justified as necessary),
  - d Licence number,
  - e Emergency contact name and telephone number (for security reasons, personal names and home phone numbers should not be used);
  - f Statement that the site is an Authorised Treatment Facility, licensed by the Environment Agency,
  - g Agency national numbers 08708 506506 and 0800 807060 (or any other number subsequently notified in writing by the Agency),
  - h Days and hours the site is open to receive waste

## 5 Site operations

### 5 1 Leaks & spillages

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

- 5 1 1 All vehicles used on the site by the operator, and all plant and all equipment used on the site in connection with specified waste management operations, shall be operated and maintained with the objective of preventing potentially polluting leaks and spillages of wastes 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 1.2 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 5 1,
  - b filled and emptied in accordance with the filling and emptying procedures specified in Table 5 1,
  - 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 5 1, 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 1 3 All areas of impermeable pavement shall be provided with suitable cleanser-degreaser equipment
- 5 1 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 5 1 below.

**Table 5.1 Standards for prevention & control of leaks and spillages**

<b>Action</b>	<b>Specified standards</b>
a) Loading and unloading skips, drums and other containers	<p>i) Loading and unloading of skips, drums and other containers shall be supervised at all times by a member of staff</p> <p>ii) Lids/ caps/ bungs or other closures shall be in place during loading/ unloading</p> <p>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 3 1</p>
b) Filling and emptying, tanks, drums and other containers	<p>i) Filling and emptying of tanks, drums and other containers shall be supervised at all times by a member of staff</p> <p>ii) Lids/ caps/ bungs or other closures shall be in place at the end of filling</p> <p>iii) Containers, tanks and drums shall not be filled beyond their operational capacity</p> <p>iv) Filling and emptying shall be carried out in a bunded area maintained in accordance with condition 3 1</p> <p>v) Measurement of level/ void space shall be by physical dipping prior to loading</p>
c) Inspection, maintenance and repair of skips, tanks, drums and other containers	<p>i) Skips, tanks, drums and other containers shall be inspected daily for leaks</p> <p>ii) Any fixed tanks found to be leaking shall have their contents immediately transferred to an alternative appropriate tank or container</p> <p>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</p>
d) Control and remediation of leaks and spillages	<p>iv) 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</p> <p>v) 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</p> <ul style="list-style-type: none"> <li>• Immediate action shall 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 Agency shall be informed immediately</li> </ul>

### **5 2 Fires on the site**

#### *Prohibition of fires on site*

- 5 2 1 No wastes shall be burned on the site

*Actions to be taken in the event of a fire*

- 5 2 2 In the event of a fire on the site, immediately following taking action to suppress and extinguish the fire, the following actions shall be implemented immediately and recorded in the site diary
- a** the Agency shall be informed of the fire; and
  - b** so far as practicable, contaminated site drainage shall be prevented from entering any surface water drain or water course or unsurfaced ground.

5 3 **Waste acceptance & control procedures**

*Waste acceptance procedures*

- 5 3 1 All wastes shall be received, inspected, accepted or rejected, and recorded in accordance with the standards specified in Table 5 3 below

*Waste control procedures*

- 5 3 2 All wastes accepted at the site shall be handled, kept and recorded in accordance with the standards specified in Table 5.3 below

*Waste despatch procedures*

- 5 3 3 All outgoing wastes shall be inspected, despatched and recorded in accordance with the standards specified in Table 5 3 below

**Table 5.3 Standards for waste acceptance and control procedures**

<b>Stage of Waste Handling</b>	<b>Specified standards</b>
a) Waste inspection	<p>All vehicles received at the site</p> <ul style="list-style-type: none"> <li>i) Shall be inspected on receipt to confirm their description and depollution status against the relevant waste transfer note and any other accompanying documentation</li> <li>ii) Shall be kept segregated from depolluted vehicles until they either been confirmed and recorded as previously having been depolluted or alternatively have been depolluted on site in accordance with the standards set out in Schedule 5 of the End-of-life Vehicles Regulations 2003</li> </ul>
b) 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 container marked on the site plan referenced <b>Llandow Metals 002</b>, and, where these are or appear to be special wastes, the Agency 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,</li> <li>iii) Quarantined wastes shall be removed from site within 7 days,</li> <li>iv) The maximum quantity of wastes kept in the quarantine storage area shall be 4 6m<sup>3</sup> at any one time</li> <li>v) A record shall be kept in the site diary of all rejected wastes and all wastes kept in quarantine storage</li> </ul>
c) Identification of wastes	Storage areas, tanks and other containers shall be clearly defined and labelled to identify the wastes stored within them and shall be located on the area marked on the site plan referenced <b>Llandow Metals 002</b>
d) Waste despatch procedures	All wastes despatched from the site shall be inspected prior to despatch to confirm their description and composition
e) Incompatible wastes	Incompatible wastes that are likely, in combination with each other or with other material at the facility, to give rise to pollution of the environment or harm to human health outside the site, shall be clearly identified and kept physically separate in designated areas and shall be located on the area marked on the site plan referenced <b>Llandow Metals 002</b>

#### **5.4 Handling and storage of residual wastes**

- 5.4.1 Residual wastes shall only be handled and stored on the site in accordance with the standards specified in Table 5.4 below

**Table 5.4 Standards for handling and/or storage of residual wastes**

<b>Storage requirement</b>	<b>Specified standards</b>
a) End of life vehicle fluids	<p>i) Unless otherwise agreed in writing with the Environment Agency, all fluids drained from vehicles shall be segregated by type and stored in separate, appropriate tanks which are fit for purpose. The tanks shall be clearly and unambiguously labelled regarding their contents</p> <p>ii) Fluids shall only be stored in areas provided with an impermeable pavement and a sealed drainage system provided in accordance with condition 3 1 and shall be located on the area marked on the site plan referenced <b>Llandow Metals 002</b></p>
b) Batteries, oil filters, oil contaminated parts, PCB/PCT containing condensers, components identified as containing mercury and brake pads containing asbestos	<p>i) Once removed from vehicles, these components shall be segregated by type and stored within dedicated appropriate containers which are fit for purpose. The containers shall be clearly and unambiguously labelled regarding their contents and shall be located on the area marked on the site plan referenced <b>Llandow Metals 002</b></p> <p>ii) These components shall only be stored in areas provided with an impermeable pavement and a sealed drainage system.</p> <p>iii) Lead acid batteries shall be stored in containers with an impermeable, acid resistant base and a lid to prevent ingress of surface water</p>
c) Tyres, air bags and liquefied gas tanks	<p>i) Once removed from vehicles, these waste types shall be stored in separately designated areas provided with an impermeable pavement and sealed drainage in accordance with condition 3 1 and shall be located on the area marked on the site plan referenced <b>Llandow Metals 002</b></p> <p>ii) Tyres shall be stored in stable stacks with individual capacities of no greater than 50 cubic metres and to a height of no greater than 3 metres</p> <p>iii) Individual tyre stacks shall not be stored within 2 metres of each other</p> <p>iv) Individual tyre stacks shall not be stored within 5 metres of the site boundary or building</p> <p>v) Tyre stacks shall not be located within 10 metres of any area used for flame cutting operations</p>
d) Uncontaminated plastic, glass and ferrous and non-ferrous metal wastes arising from the treatment of end of life vehicles	<p>i) These materials shall be stored in areas with hardstanding or impermeable pavement and shall be located on the area marked on the site plan referenced <b>Llandow Metals 002</b></p>

## 6 Site operations

- 6.1.1 A summary of the waste types and quantities accepted and the waste types and quantities removed from the site shall be made for each financial year and shall be submitted to the Agency within 1 month following the end of that year. The summary record shall be in the format specified in Appendix B, and shall include the specified information.

### 6.2 **Site diary**

- 6.2.1 A site diary shall be kept secure and shall be available for inspection at the site when required by an authorised officer of the Agency. This shall include a record of the following events, in accordance with the other conditions of this licence
- a** construction work
  - b** maintenance
  - c** breakdowns
  - d** emergencies
  - e** problems with waste received and action taken
  - f** technically competent management attendance on site, the date and the time onto site and the time left site
  - g** complaints about site operations and actions taken
  - h** environmental problems and remedial actions

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



## Interpretation

In this permit the following expressions shall have the following meanings:

“Impermeable surface” means a surface or pavement constructed and maintained to a standard sufficient to prevent the transmission of liquids beyond the pavement surface, and should be read in conjunction with the term “sealed drainage system” (below)

“Sealed drainage system” in relation to an impermeable pavement, means a drainage system with impermeable components which does not leak and which will ensure that

(a) no liquid will run off the pavement otherwise than via the system;

(b) except where they may lawfully be discharged, all liquids entering the system are collected in a sealed sump

“Secure” A place is secure in relation to end-of-life vehicles or waste kept in it if all reasonable precautions are taken to ensure that the end-of-life vehicles, their contents or waste cannot escape from it.

“Technically competent management”, “technical competence” and “relevant person” shall be as defined under Section 74, Environmental Protection Act 1990

“ELV Regulations” means the End of Life Vehicles Regulations 2003 SI 2635

“End-of-life Vehicles Directive” means Directive 2000/53/EC on end-of life vehicles

“waste motor vehicle” means a motor vehicle of any type that is waste and includes an end-of-life vehicle

“Residual wastes produced as a result of depollution or further treatment” means those waste that are removed from vehicles during depollution or further treatment which consist of any wastes specified in the following table.

## Appendices to conditions

### Appendix A:- European Waste Catalogue Codes

Residual wastes as a result of depollution or subsequent treatment	
Waste type	Waste Categories and European Waste Catalogue No.
Vehicle batteries	16 06 01 lead batteries *
	16 06 05 other batteries and accumulators *
Oil filters	16 01 07 oil filters *
PCB/PCT containing condensers	16 01 09 components containing PCBs **
	16 01 21 hazardous components (other than those mentioned in 16 01 07 to 16 01 11 and 16 01 13 and 16 01 14) **
	16 01 08 components containing mercury **
Components identified as containing mercury	
Brake pads	16 01 11 brake pads containing asbestos **
	16 01 12 brake pads other than those mentioned in 16 01 11
Tyres	16 01 03 end-of-life tyres
Air bags	16 01 10 explosive components (for example air bags) *
Liquefied gas tanks	16 01 16 tanks for liquefied gas
End of life vehicle fluids:	
Hydraulic Oils	13 01 09 Mineral based chlorinated hydraulic oils *
	13 01 10 Mineral based non-chlorinated hydraulic oils *
	13 01 11 Synthetic hydraulic oils *
	13 01 12 Readily biodegradable hydraulic oils *
	13 01 13 Other hydraulic oils *
Engine, gear and lubricating oils	13 02 04 Mineral based chlorinated engine, gear and lubricating oils *
	13 02 05 Mineral based non-chlorinated hydraulic oils *
	13 02 06 synthetic engine, gear and lubricating oils *
	13 02 07 readily biodegradable engine, gear and lubricating oils *
	13 02 08 other engine, gear and lubricating oils *
Fuel	13 07 01 Fuel oil and diesel *
	13 07 02 Petrol *
	13 07 03 Other fuels (including mixtures) *
Air conditioning fluids	14 06 01 Chlorofluorocarbons, HCFC, HFC *
	14 06 02 Other halogenated solvents and solvent mixtures *
	14 06 03 Other solvents and solvent mixtures *
Brake fluids	16 01 13 Brake fluids *
Antifreeze fluids	16 01 14 Antifreeze fluids containing dangerous substances **
	16 01 15 Antifreeze fluids other than those mentioned in 16 01 14
Any other fluid contained in the end of life vehicle	16 01 22 Components not otherwise specified
Plastic, glass and ferrous and non-ferrous metal wastes arising from the treatment of end of life vehicles	16 01 17 Ferrous Metal
	16 01 18 Non-ferrous metal
	16 01 19 Plastic
	16 01 20 Glass

EWC entries marked with a \* are hazardous wastes

EWC entries marked with a \*\* may be hazardous depending on threshold concentrations Please refer to Agency Technical Guidance WM2 or subsequent guidance for further advice

**Appendix B: Format for summary records of wastes accepted and removed (Condition 6.1)**

**Form WMS1: waste return****For Environment  
Agency use only**

Date received

Date processed

Local site licence number

EA/WML number

Original reference

**ASiantaeth Yr  
Amgylchedd Cymru  
Environment  
Agency Wales****Waste return**

Environmental Protection Act 1990

- Use this form to tell us the type and quantity of controlled waste you processed at each licenced facility within your site.
- Please read through the whole form and guidance notes before you start filling anything in.
- Please send the completed form back to us at the address on the left by the return date specified on page 2 of the notes.

**1 The period the return covers**

1.1 The return period is tick only one

☐ Month☐ Quarter

from

to

☐ Year**2 Operator and site details****2.1 Site operator**

Site name

WML number

Site address

Postcode

Phone

Email

**2.2 Type of facility see your waste management licence****2.3 Was a weighbridge used?**No ☐Yes ☐ please tell us the proportion weighed

percentage

**2.4 Are you operating a landfill site?**No ☐ go to section '3 Waste received on site' on page 2Yes ☐**Landfill sites only** as at 31 March in the current year**2.5 Give the remaining void space covered by the licence**

cubic metres

**2 Operator and site details continued**

2.6 Was the site fully surveyed before 31 March in the current year?

No ☐Yes ☐ please tell us how the void space was calculated

Now go to question 2.8

2.7 How have you estimated the remaining void space?

For example visually or other method

2.8 Remaining life of site

years

Now go to sections 3 and 4 on page 2

**5 Declaration**

Please make sure you have filled in all the sections that apply to you before signing this declaration.

I certify that the information in this return is correct to the best of my knowledge and belief.

I enclose ☐ WMS3 continuation sheets

Signature

Name

Position

Phone

Date

**6 Disclosure and data protection**

The information you provide will be used by the Environment Agency to enable it to fulfil its regulatory and waste management planning responsibilities.

For full information about how the data in this form will be used please read the guidance notes that come with the form.

### 3 Waste received on site

Please read the guidance notes 'How to fill in the form', and use the continuation sheet WMS3 provided, or a copy of it, if you need to. In the last column D = final disposal U = used on site S = special waste (a consignment note is needed for special waste). F = from another facility, for example a transfer station M = municipal biodegradable waste O = other biodegradable waste

Description of waste	Waste classification code	Origin*	State solid, powder, sludge, liquid, gas	Weight in tonnes	Additional information D U S F M O					
					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Total weight in tonnes of material received on site  tonnes

### 4 Waste removed from site

Please read the guidance notes 'How to fill in the form', and use the continuation sheet WMS3 provided, or a copy of it, if you need to. In the last column, facility types could include 'incinerator, transfer station, landfill, treatment, reprocessing, recycling'.

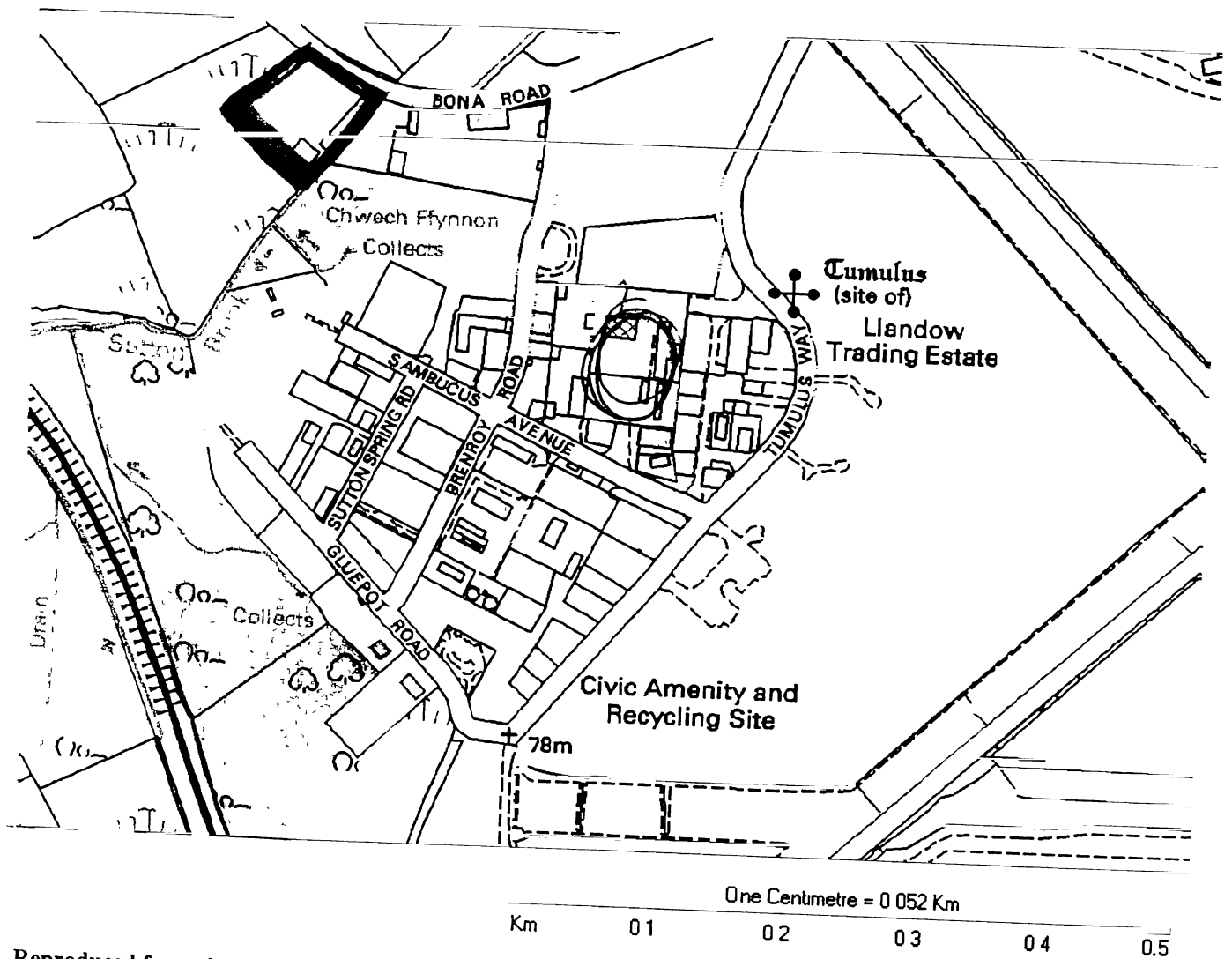
Description of waste	Waste classification code	Destination*	State solid, powder, sludge, liquid, gas	Weight in tonnes	Special waste	Destination facility type
					<input type="checkbox"/>	
					<input type="checkbox"/>	
					<input type="checkbox"/>	
					<input type="checkbox"/>	
					<input type="checkbox"/>	
					<input type="checkbox"/>	
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					<input type="checkbox"/>	
					<input type="checkbox"/>	
					<input type="checkbox"/>	
					<input type="checkbox"/>	

Total weight in tonnes of material received on site  tonnes

\* You may not need to give us this information. The requirements are set out in your waste management licence

Now go to section '5 Declaration' on page 1

75/001



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A	Proposed area for impermeable pavement
B	Proposed area of <del>exemption</del> of activities
C	Proposed position of sealed drainage system (Full retention petrol interceptor) <b>FCR 2</b>
D	Secure Containers for holding batteries
E	Bunded diesel tank (concrete 2.45 wide 4.6
F	Double Skinned diesel tank 2m long 1m diam

Concrete \-drch either side of Intersept &

06/04/04







ASiantaeth YR  
AMGYLCHEDD CYMRU  
ENVIRONMENT  
AGENCY WALES

## Waste return

### Guidance notes

Environmental Protection Act 1990

Please read these guidance notes and the whole form carefully before you start to fill it in.

## Introduction

We need to know about the types and quantities of controlled waste you have handled at each licensed facility within your site.

Please fill in a copy of the form every

- month
- quarter (i.e. three months) or
- year

as agreed with us.

If you are not sure about this, please contact us.

### How to use this form

Please read through the whole form and these guidance notes before you start filling anything in.

When you fill in the form, you will also need a copy of the

- waste classification scheme
- a list of district/county councils within your region.

You can get copies of these from your local Environment Agency office if you do not have them.

### Continuation sheet, form WMS3

We have sent you a continuation sheet in case you need it. If you need more space for answers to sections 3 and 4, please use another continuation sheet. But make sure that you label each sheet clearly with the

- local site licence number (you can find this on the top right of page 1 of your application form) or
- waste management licence number (EA/WML number)
- number of the sheet, for example 3 of 5.

You should also tell us how many continuation sheets you are using when you fill in section 5 'Declaration' of the form.

You can photocopy the form or the continuation sheet if you need another copy.

### If you need help and advice

We have made the form as straightforward as possible, but please get in touch with us if you

- need any advice on how to set out the information we need
- have any other questions about the waste returns scheme.

Please get in touch with the officer handling your site returns. You will find their name and telephone number at the bottom of the letter that came with these notes and form

## How to fill in the form

### Section 2 Operator and site details

#### Q 2.1 Site operator and details

If the site details have been pre-printed please check that they are correct. If they are not correct or not printed please copy the details from your waste management licence.

#### Q 2.2 Type of facility

If the type of facility has been pre-printed please check that it is correct. If it is not correct or not printed please copy the details from your waste management licence.

#### Q 2.3 Was a weighbridge used?

Please say whether you used a weighbridge (either at your facility or a public weighbridge) before deposit. Enter the weighed proportion of waste accepted as a percentage.

#### Landfill sites only

This section applies to landfill facilities only.

Landfill operators should complete this section as at 31 March in the current year. Please complete question 2.5 even if you are making a 'nil return' which means no waste has been received or removed from the site during the return period.

#### Q 2.5 Remaining void space covered by the licence

Please enter the remaining landfill void space covered by your licence in cubic metres as at 31 March in the current year. 'Void space' is the licensed capacity remaining at your site and this should only include areas that are covered by a waste management licence and a planning consent.

### Section 3 Waste received on site

Before you fill in this section make sure you have a copy of the

- waste classification scheme and
- a list of district/county councils within your region.

Please use the continuation sheet WMS3 provided, or a copy of it, if you need to.

#### Description of waste and waste classification code

Please enter the waste or material description as agreed with your local area office.

#### Origin

Please enter the district where the waste originated. See separate sheet for list of district/county councils in your region.

If the district is not known, enter the county where the waste originated. If this is not known enter 'other'.

You may not need to give us this information. The requirements are set out in your waste management licence.

## State

Please enter the physical state of the waste (whether it is solid, powder, sludge, liquid or gas). Please do not use other terms to describe the waste.

## Weight

Please give the amount in tonnes of each specific waste type received from each district of origin.

## Additional information

For landfill sites

- tick 'D' if this is the final disposal site for the waste or
- tick 'U' if the waste was used on site (for example bunding, capping or levelling purposes).

For any site

- tick 'S' for waste that is 'special waste' as defined by the Special Waste Regulations 1996. *This waste type should have a consignment note with it when it enters the facility.*
- tick 'F' for waste that has come from another facility for example, a transfer station.
- tick 'M' for biodegradable municipal waste.
- tick 'O' for other biodegradable waste

## Section 4 Waste material removed from site

Before you fill in this section make sure you have a copy of the

- waste classification scheme to be used and
- a list of district/county councils within your region.

We need to know about each type of waste received at your site.

*Please use the continuation sheet WMS3 provided, or a copy of it, if you need to.*

## Description of waste and classification code

Please enter the waste or material description as agreed with your local area office.

## Destination

Please enter the district that the waste is going to.

*See the list of district/county councils within your region.*

If the district is not known then enter the county of destination. If this is not known enter 'other'.

*You may not need to give us this information. The requirements are set out in your waste management licence.*

## State

Please enter the physical state of the waste (whether it is solid, powder, sludge, liquid or gas).

## Weight

Please give the amount of each specific waste type removed to each district in tonnes.

## Special waste

Tick this box for waste defined as 'special' by the Special Waste Regulations 1996. A consignment note should be raised for this type of waste if it is being transferred to another facility.

*You can find more information about special waste at <http://www.environment-agency.gov.uk/business/wasteman/swens/>*

## Destination facility type

Please enter the type of facility where the waste will be sent (for example incinerator, transfer station, landfill, treatment, reprocessing, recycling).

## Sending the form back to us

Send your waste return back in a window envelope to display the address printed at the top of page 1 of the form.

We need it no later than shown in the table, depending on the returns period.

month	quarter	year
2 weeks after period	1 January – 31 March 1 April – 30 June 1 July – 30 September 1 October – 31 December	1 month after period

## Further information

For general enquiries please contact your local Environment Agency office or call our general enquiry number 0845 933 3111 between 9.00am and 5.00pm.

## Data protection notice

*The Environment Agency is responsible for regulating environmental protection, flood defence, water resources and fisheries. It has a duty to discharge its functions to protect and enhance the environment and to promote conservation and recreation.*

The information provided will be processed by the Environment Agency to enable it to fulfil its enforcement and planning responsibilities.

Some of the information requested is required to fulfil the conditions of your licence. This information will be processed to monitor compliance with licence conditions, to process renewals and to maintain the public register.

We may also use and/or disclose it in connection with

- offering/providing you with our literature/services relating to environmental matters
- consulting with the public, public bodies and other organisations (for example Health and Safety Executive, local authorities, emergency services on environmental issues)
- carrying out statistical analysis, research and development on environmental issues
- providing public register information to enquirers
- investigating possible breaches of environmental law and taking any resultant action
- preventing breaches of environmental law
- assessing customer service satisfaction and improving our service.

We may pass the information on to our agents/representatives to do these things on our behalf.

Some of the information requested may be voluntary and will be used to provide us with more detailed information for planning purposes. Information supplied will not be put onto the public register if we agree it is commercially confidential. It may however be used in an aggregated format.

You should ensure that any persons named on the waste return are informed of the contents of this data protection notice.

## ENVIRONMENT AGENCY WALES

**FACTORS TO CONVERT WASTE VOLUME TO WEIGHT**

(Ver. 99/01)

To convert volume to weight carry out the following calculations where necessary:

If measuring volume in cubic metres:

$$\text{Volume (in cubic metres)} \times \text{Conversion Factor} = \text{Weight (in tonnes)}$$

If measuring volume in litres:

$$\text{Volume (in litres)} / 1000 \times \text{Conversion Factor} = \text{Weight (in tonnes)}$$

If measuring volume in cubic feet:

$$\text{Volume (in cubic feet)} \times 0.028 \times \text{Conversion Factor} = \text{Weight (in tonnes)}$$

CATEGORY	TYPE OF WASTE	CONVERSION FACTOR
----------	---------------	-------------------

<b>21A &amp; 21B MIXED</b>		
<u>General/mixed</u>	MIXED CATEGORY 21A & 21B WASTE	1.2
<u>Specific</u>	Rock and stone	1.2
	Sub-soils	1.3
	Glass (cullet)	0.75
	Ceramics	0.3
	Concrete and/or mortar	1.3
	Moulding sands and/or clays	0.4/0.6
	Clay absorbents	1.3
	Other mineral absorbents	1.3
	Man-made mineral fibres (MMMFs) including glass fibre	0.1
	Silica	1.3
	Mica	1.3
	Abrasives	1.3
	Mixed Category 21 wastes	1.2
	Water containing Category 21 materials	1.0
<b>22A-B DEGRADABLE</b>		
<u>General/mixed</u>	MIXED DEGRADABLE CONSTRUCTION AND DEMOLITION WASTE	1.2
	MIXED DEGRADABLE INDUSTRIAL WASTE	0.3
	MIXED HOUSEHOLD WASTE - NON COMPACTED	0.3
	MIXED HOUSEHOLD WASTE - COMPACTED	0.5
	MIXED COMMERCIAL	0.2
	SEWAGE	1
<u>Specific</u>	Uncontaminated topsoil	1.3
	Uncontaminated peat	0.5
	Uncontaminated silt and dredgings	1.3
	Coal	1.1
	Asphalt, bitumen and coated roadstone	1.2
	Streetworks waste	1.2
	Plaster	1.0
	Plasterboard	1.0
	Paper and/or card	0.6

Plastics and polymers	0.8
Rubber	0.7
Tyres (whole) - car	6.5kg per tyre
Tyres (whole) - truck	52.5kg per tyre
Unshredded tyres	0.2
Synthetic textiles	0.2
Mixed unidentified textiles	0.2
Wood	0.7
Coated or chemically treated timber	0.7
Laminates	0.7
Composites	0.7
Vegetable fibres	0.75
Sawdust, shavings and/or wood pulp	0.75
Vegetation and/or vegetable waste	0.75
Bark	0.75
Mixtures of vegetation, soil and/or stones	0.75
Vegetable food	0.75
Composted material	0.75
Leather	0.1
Animal fibres	0.1
Waste food - animal or mixed	0.75
Whole and/or parts of animal	1.0
Excreta	0.25
Sanitary waste	0.15
Vegetable oils, fats, waxes and/or grease	0.8
Animal fats, oils, waxes and/or grease	1.0
Soap	0.9
Animal glue	1.0
Waste From Biological Processes Other Than Sewage Treatment	1.0
Residues of fermentation and other microbiological processes	1.0
Wastes from biological treatments of effluents and wastes	1.0
Landfill leachate	1.0
Civic amenity waste - non compacted	0.2
Civic amenity waste - compacted	0.4
Street sweepings and litter	0.2
Untreated sewage sludge	1.0
Treated sewage sludge	1.0
Sewage screenings	1.0

#### **21A 2.22 METALS AND DISCARDED (SCRAP) COMPOSITE EQUIPMENT**

General/mixed	MIXED FERROUS METAL	1.5
	MIXED/UNKNOWN NON-FERROUS	1.5
	MIXED FERROUS AND NON-FERROUS METALS (including empty aerosol cans)	1.5
	WHITE ELECTRICAL GOODS	0.2
	OTHER DOMESTIC APPLIANCES	0.2
	VEHICLES AND/OR METAL VEHICLE PARTS	1.5
	CABLE AND WIRE	1.5
	OTHER (including bicycles, shopping trolleys, metal furniture)	1.5
	MAINLY NON-METALLIC ELECTRONIC EQUIPMENT (including light bulbs/tubes)	1.0
Specific	Iron	7.9
	Lead	11.35
	Copper	9
	Zinc	7.1
	Tin	7.3
	Aluminium	2.7
	Mercury	13.55

Chromium	7.2
Titanium	4.5
Manganese	7.2
Nickel	8.9
Beryllium	1.85
Arsenic	5.7
Selenium	4.5
Cadmium	8.6
Antimony	6.7
Gold	19.3
Silver	10.5
Platinum	21.45
Alloys	0.9
Metal Catalysts	1.0
Aircraft, ships, railway locomotives, heavy industrial	1.5
Light bulbs (including fluorescent tubes & street lamp bulbs)	1.0
Undrained lead-acid batteries	10kg per battery

#### **24 & 25 CONTAMINATED GENERAL WASTES**

General/mixed	MIXED CONTAMINATED SOIL AND SUBSOIL (including dredgings/ silt & railway ballast)	1.3
	MIXED USE MOULDS, MUDS, FILTER MATERIALS, LININGS & REFRACTORIES	1.3
	MIXED RESIDUES FROM ABRASIVE PROCESSES	1.4
	CONTAMINATED CONSTRUCTION AND DEMOLITION WASTE	1.2
	MIXED CONTAMINATED CONTAINERS	0.1
	CONTAMINATED WATER	1.0
	CONTAMINATED VEGETABLE AND/OR MINERAL MATTER	0.75
Specific	Contaminated topsoil	1.3
	Contaminated clay subsoils	1.3
	Contaminated granular/friable subsoils	1.3
	Contaminated dredgings	1.3
	Contaminated silts	1.3
	Railway ballast	1.3
	Used moulds or moulds containing organic binders	1.3
	Drilling muds	1.3
	Used absorbents and/or filter aids	1.3
	Used ion exchange resins	1.3
	Used linings and refractories	1.4
	Grinding residues	1.4
	Shotblasting residues	1.4
	Descaling residues	0.1
	Contaminated containers - cleanable (eg. Bottles)	0.1
	Contaminated other containers - not cleanable (eg. paper sacks)	See 22
	Contaminated category 22 wastes	0.8
	Fragmentation Residues	1.0
	Contaminated sewage and/or biological treatment sludges	1.0
	Water with immiscible contamination	1.0
	Water with soluble inorganic chemical contamination	1.0
	Water with soluble organic chemical contamination	1.0
	Water with mixtures of the above contaminants	1.0

#### **25 HEALTHCARE RISK WASTE**

General/mixed	MIXED HEALTHCARE RISK WASTE	0.25
Specific	Sharps	0.2
	Infectious waste	0.25

	Tissue	0.25
	Dressings	0.25
	Healthcare excreta	0.25
	Sterilised waste	0.25
	Autoclaved waste	0.25
	Other sterilised waste	0.25
<b>26 ASBESTOS WASTE</b>		
General/mixed	FIBROUS ASBESTOS	0.46
	BONDED ASBESTOS	0.17
	CONSTRUCTION AND DEMOLITION WASTE CONTAINING FIBROUS ASBESTOS	1.2
	CONSTRUCTION AND DEMOLITION WASTE CONTAINING BONDED ASBESTOS	1.2
Specific	Crocidolite	0.46
	Amosite	0.46
	Chrysotile	0.46
	Other	0.46
	Unidentified	0.46
	Cement bonded	0.17
	Resin bonded (excluding brake linings)	0.17
	Rubbensed	0.17
	Other	0.17
<b>27A &amp; 27B Mineral Wastes and Residues from thermal processes not listed elsewhere</b>		
General/mixed	SLAG FROM PRIMARY METAL PRODUCTION	1.2
	DROSS FROM SECONDARY METAL PRODUCTION	1
	BOTTOM ASH AND/OR CLINKER	0.8
	FLY ASH AND/OR OTHER STACK AND/OR STACK GAS CLEANING RESIDUES	1
Specific	Vitrified wastes	0.7
	Cement	1.3
<b>28A &amp; 28B INORGANIC CHEMICAL WASTES</b>		
General/mixed	MIXED INORGANIC ACIDS	1.4
	MIXED INORGANIC ALKALIS	2.0
Specific	Sulphuric acid	1.7
	Sulphurous acid	1
	Nitric acid	1.5
	Nitrous acid	1.4
	Chromic acid	2
	Phosphoric acid	1.8
	Phosphorous acid	1.65
	Hydrofluoric acid	1.4
	Fluoroboric acid	1.4
	Hydrochloric acid	1.2
	Other	1.4
	Mixed inorganic acids	1.4
	Sodium oxide	2.3
	Sodium hydroxide	2.1
	Sodium carbonate	1.6
	Potassium oxide	2.3
	Potassium hydroxide	2.0
	Potassium carbonate	2.4
	Calcium oxide	3.4
	Calcium hydroxide	2.3
	Potassium	0.9

		1
	Sodium	1.7
	Magnesium	1.5
	Calcium	0.5
	Lithium	4.7
	Phosphorus	22.6
	Osmium	3.3
	Boron	2.1
	Sulphur	4.3
	Titanium dioxide	2.8
	Calcium carbonate	3
	Calcium sulphate	4.3
	Barium sulphate	3.2
	Calcium fluoride	3
	Magnesium carbonate	0.4
	Magnesium oxide	2.4
	Magnesium hydroxide	5.2
	Ferric oxide	3.6
	Ferric hydroxide	2.6
	Magnesium sulphate	1.7
	Calcium chloride	2.9
	Ferric chloride	2.2
	Sodium chloride	1.9
	Beryllium compounds	3.2
	Vanadium compounds	1.8
	Chromium (VI) compounds	3.6
	Cobalt compounds	4.15
	Nickel compounds	3.4
	Copper compounds	2.9
	Zinc compounds	2.2
	Arsenic compounds	3.95
	Selenium compounds	5.6
	Silver compounds	4
	Cadmium compounds	2.3
	Tin compounds	2.3
	Antimony compounds	6.9
	Tellurium compounds	3
	Barium compounds	5.4
	Mercury compounds	7.0
	Thallium compounds	5.9
	Lead compounds	7.5
	Inorganic sulphides	8.2
	Inorganic fluorine compounds	
<b>29A &amp; 29B</b>	<b>ORGANIC CHEMICAL WASTES</b>	
		1.0
<u>General/mixed</u>	PAINT, VARNISH OR LACQUERS - WATER BASED	0.6
	PAINT, VARNISH OR LACQUERS - SOLVENT OR OIL BASED	1.0
	INKS - WATER BASED	0.6
	INKS - SOLVENT BASED	1.0
	MIXED ORGANIC HOUSEHOLD PRODUCTS	0.8
	MIXED MINERAL OILS & GREASES	2.0
	MIXED TARRY WASTES	0.9
	MIXED ORGANIC CHEMICALS (not listed above)	
		2.2
<u>Specific</u>	Carbon	1.0
	Paint, varnish and/or lacquers - water based	0.6
	Paint, varnish and/or lacquers - solvent or oil based	1.0
	Pigments	

Dyestuffs		1.0
Cosmetics		1.0
Detergents and surfactants		1.0
Chelating agents		1.0
Mineral synthetic oil waste		0.8
Lubricating and/or fuel oil		0.8
Mixed/unidentified oil		0.8
Grease		0.9
Hydraulic oil and/or fluids		0.8
Insulating oil		0.8
Machining/cutting/cooling oils		0.8
Oil sludges and/or oil water mixtures		1.0
Vinyl acetate		0.9
Methylmethacrylate		0.9
Styrene	monomer	0.9
Vinyl chloride monomer		0.9
Tarry wastes - distillation residues		2.0
Solvent and other waste distillation residues		1.0
Coal tars		2.5
Acid tars		2.0
Other tars		2.0
Pharmaceuticals		1.0
Organophosphorous pesticides		1.0
Organochlorine pesticides		1.0
Other pesticides		1.0
Herbicides		1.0
Fungicides		1.0
Organometallics		1.0
Tetraethyl lead		1.0
Tetramethyl lead		1.0
Organic acids and/or derivatives		1.0
Aliphatic hydrocarbon		0.9
Aromatic hydrocarbon		0.9
Polycyclic compound		0.9
Heterocyclic compound		0.9
Phenols, analogues and derivatives		0.9
Peroxides		0.9
Nitro-compounds		0.9
Nitrites		0.9
Thiocyanates		0.9
Aliphatic amines and/or amides		0.9
Aromatic amines and/or amides		0.9
Ethers		0.9
Other oxygen containing compounds		0.9
PCBs and/or analogues		0.9
Any congener of polychlorinated dibenzo-furan		0.9
Any congener of polychlorinated dibenzo-dioxin		0.9
Other (including turpentine)		0.9
Other halogenated compound		0.9
Organophosphorous compound		0.9
Organosulphur compound		0.9
<b>39A &amp; 39B MIXED CHEMICAL SMALLS</b>		
General/mixed MIXED CHEMICAL SMALLS		1.0



## SCHEDULE 5

Regulations 44, 45 and 48

### CONDITIONS TO BE INCLUDED IN SITE LICENCES

#### PART 1

##### *Obligations in respect of keeping or treatment of waste motor vehicles*

1. No waste motor vehicle shall be kept (even temporarily) unless such keeping -

(a) is carried out in accordance with the general requirements laid down in Article 4 of Council Directive 75/442/EC on waste; and

(b) complies with the minimum technical requirements set out in Part 2 below.

2. No waste motor vehicle shall be treated unless, in respect of the activity or operation performed, that treatment -

(a) is carried out in accordance with the general requirements laid down in Article 4 of Council Directive 75/442/EC on waste; and

(b) complies with the minimum technical requirements set out in Part 2 below and, where applicable, meets the following obligations -

(i) save where it has already been so treated -

(aa) the waste motor vehicle shall first be stripped in a way that best reduces any adverse impact on the environment, before any further treatment or other equivalent arrangement is undertaken, and

(bb) any of its components or materials which have been labelled or otherwise made identifiable in accordance with regulation 18(2) of the **End-of-Life Vehicles Regulations 2003** shall be stripped before any further treatment;

(ii) save where it has already been so treated in whole or part, and subject to paragraph (i), depollution of the waste motor vehicle (as described in paragraph 3 of Part 2 below) shall be completed as soon as possible;

(iii) hazardous materials and components shall be removed from the waste motor vehicle and segregated in such a way so as not to contaminate any part of the vehicle that is subsequently to be shredded;

(iv) any stripping or keeping of the waste motor vehicle shall be carried out in such a way as to ensure the suitability of its components for either reuse or recovery, and in particular recycling.

## PART 2

### *Minimum technical requirements for the keeping and treatment of waste motor vehicles*

1. The keeping (even temporarily) of a waste motor vehicle prior to treatment shall only be carried out at a site -
  - (a) having, in appropriate areas, impermeable surfaces and provided with spillage collection facilities, decanters, and cleanser-degreasers, and
  - (b) provided with equipment for the treatment of water (including rainwater) in compliance with all applicable legislation concerning health and environmental matters.
2. The treatment of a waste motor vehicle shall only be carried out at a site -
  - (a) having, in appropriate areas, impermeable surfaces and provided with spillage collection facilities, decanters and cleanser-degreasers;
  - (b) provided with storage facilities that are appropriate for dismantled spare parts, including impermeable storage facilities for spare parts that are contaminated with oil;
  - (c) provided with containers that are appropriate for the storage of batteries (whether electrolyte neutralisation is carried out on-site or elsewhere), filters, and condensers containing any PCB or PCT or both;
  - (d) provided with storage tanks that are appropriate for the separate segregated storage of any fluid from a waste motor vehicle;
  - (e) provided with equipment for the treatment of water (including rainwater) in compliance with all applicable legislation concerning health and environmental matters;
  - (f) at which there is appropriate storage for used tyres without excessive stockpiling, and minimising any risk of fire.
3. Treatment operations for the depollution of a waste motor vehicle shall consist of -
  - (a) the removal of the battery or batteries;
  - (b) the removal of the liquified gas tank;
  - (c) the removal or neutralisation of all potentially explosive components (including air bags);
  - (d) the removal and separate collection and storage of all -
    - (i) fuel;
    - (ii) motor oil;
    - (iii) transmission oil;

- (iv) gearbox oil;
- (v) hydraulic oil;
- (vi) cooling liquids;
- (vii) antifreeze;
- (viii) brake fluids;
- (ix) air-conditioning system fluids;

and any other fluid contained in the said vehicle, but excluding any fluid which is necessarily retained for the re-use of the part concerned;

(e) the removal, so far as is feasible, of all components identified as containing mercury.

4. In order to promote its subsequent recycling, where an article or material listed below is first present in a waste motor vehicle, no treatment of that vehicle shall prevent the removal -

- (a) of the catalyst or catalysts;
- (b) (either during shredding or otherwise) of all metal components containing one or more of copper, aluminium and magnesium;
- (c) (either during shredding or otherwise) of the tyres;
- (d) (either during shredding or otherwise) of all large plastic components (including bumpers, the dashboard, and any fluid container) in such a way that they can be effectively recycled as materials;
- (e) of glass,

and where any such article or material is removed it shall be done in such a way as best promotes its recycling.

5. Any keeping operations shall be carried out in such a manner as avoids damage to -

- (a) any component containing a fluid or fluids;
- (b) any recoverable component;
- (c) any spare part.