




Waste Services Contract

Waste Acceptance Procedure – Overview

WSC-WAP-OVR – Version 2.0 – January 2011

Waste Acceptance Procedure – Overview

Document Control

	Name	Signature	Date
Prepared by:	Jonathan Evans Service Manager		17/12/10
Checked by:	Alex McCarthy Contracted Services Manager		17/12/10
Approved by:	Martin Walkingshaw Head of Consignor Support		17/12/10

Executive Summary

This document forms part of the Waste Services Contract between LLW Repository Ltd and its Customers. It provides an overview of LLW Repository Ltd's Waste Acceptance Procedure giving key information about LLW Repository Ltd, lower activity radioactive waste, waste treatment and disposal services and it acts as an introduction to the process for consigning waste to LLW Repository Ltd. Along with the processes that make up the Waste Acceptance Procedure, it tells customers **how** to consign waste. It should be read in conjunction with the Waste Acceptance Criteria that details **what** waste can be consigned to LLW Repository Ltd for treatment and / or disposal. A Process Overview Diagram (Reference: WAP-PRO-OVR) that provides a visual guide to the waste acceptance processes described in this document is available from our website: www.llwrsite.com

If you need any assistance or have any questions regarding this Waste Acceptance Procedure or LLW Repository Ltd's Waste Services, please contact the LLW Repository Ltd Customer Team by telephone: (01946) 722000 or by e-mail: customerteam@llwrsite.com

Contents

- 1. Introduction5
 - 1.1. LLW Repository Ltd5
 - 1.2. Low Level Waste Repository5
 - 1.3. Waste Services5
 - 1.4. Service Suppliers6
- 2. Prerequisites6
 - 2.1. Environmental Permit / Disposal Authorisation.....6
 - 2.2. Agreement in Principle6
 - 2.3. Waste Services Contract6
 - 2.4. Transfrontier Shipment Authorisation7
 - 2.5. Third Party Waste Agreement.....7
- 3. Waste Acceptance Procedure7
 - 3.1. Waste Forecasting8
 - 3.2. Waste Characterisation8
 - 3.3. Waste Assurance9
 - 3.4. Waste Enquiry9
 - 3.5. Waste Consignment.....10
 - 3.6. Waste Receipt.....10
- 4. Waste Delivery11
 - 4.1. Metallic Waste Treatment Service11
 - 4.2. Combustible Waste Treatment Service.....11
 - 4.3. Supercompactable Waste Treatment Service12
 - 4.4. Low Level Waste Disposal Service12
- 5. Communications.....12
 - 5.1. Help and Support12
 - 5.2. Preferred Communication Methods12
 - 5.3. Contract Notices12
- 6. Records13
 - 6.1. LLW Repository Ltd Records.....13
 - 6.2. Customer Records14
- 7. Glossary15

1. Introduction

This document provides an Overview of LLW Repository Ltd's *Waste Acceptance Procedure*. It forms part of the Waste Services Contract and it is a contractual requirement for Customers to follow these procedures in order to consign waste to *LLW Repository Ltd* for Treatment and / or Disposal.

1.1. LLW Repository Ltd

LLW Repository Ltd is a Radioactive Waste Management company providing a range of treatment and disposal services to Customers across the UK to support the management of lower activity radioactive waste. LLW Repository Ltd is a Nuclear Decommissioning Authority Site Licence Company. It is owned and managed, under contract to the Nuclear Decommissioning Authority, by UK Nuclear Waste Management Ltd, a consortium led by URS including Areva NC, Studsvik UK and Serco Assurance.

1.2. Low Level Waste Repository

LLW Repository Ltd manages and operates the *Low Level Waste Repository* in West Cumbria under contract to the owner of the Facility, the Nuclear Decommissioning Authority. This is the UK's National Facility for the disposal of low level radioactive waste. LLW Repository Ltd's *Low Level Waste Disposal Service* involves the grouting and disposal of waste at the *Low Level Waste Repository* in the Near Surface Disposal Facility. LLW Repository Ltd holds the Nuclear Site Licence and the *Disposal Authorisation* that allow the facility to operate. In operating the *Low Level Waste Repository*, LLW Repository Ltd's primary objective is to provide a safe and secure disposal facility for *Low Level Waste* whilst ensuring that the disposal capacity is preserved only for waste which needs to be disposed of in an engineered facility.

1.3. Waste Services

Through the Waste Services Contract, LLW Repository Ltd provides Customers with a range of waste management options to ensure their lower activity wastes are managed in the most efficient manner possible with the ultimate objective of preserving the disposal capacity at the *Low Level Waste Repository*. LLW Repository Ltd's Waste Services are:

Metallic Waste Treatment Service

This service is a recycling option. Waste can be treated by decontamination, blasting or melting to remove the radiological content. The vast majority of the metal can then be recycled as Exempt Waste thus reducing the volume for disposal. The remaining *Secondary Waste* is either consigned to the *Low Level Waste Repository* for disposal or disposed of by the Service Supplier.

Combustible Waste Treatment Service

This service is a volume reduction option. Waste can be incinerated to reduce its volume and / or to reduce the radioactivity content. The remaining *Secondary Waste* is either disposed of by the Service Supplier or consigned to the *Low Level Waste Repository* for disposal.

Supercompactable Waste Treatment Service

This service is a volume reduction option. Waste can be treated by shredding and / or high force compaction to reduce its volume. The *Secondary Waste* product is consigned to the *Low Level Waste Repository* for disposal.

L Low Level Waste Disposal Service

This service is a disposal option. Waste that is not suitable or selected for treatment, has already been treated or is *Secondary Waste* from a treatment process is consigned to the *Low Level Waste Repository* for disposal.

1.4. Service Suppliers

To provide the Waste Services, LLW Repository Ltd has contracts with a range of Service Suppliers. These sub-contractors to LLW Repository Ltd operate or have access to suitable treatment and / or disposal facilities.

2. Prerequisites

To consign waste to LLW Repository Ltd for treatment and / or disposal, there are a number of prerequisites that must be in place before Customers can follow this *Waste Acceptance Procedure*.

The following are required:

- Environmental Permit / Disposal Authorisation
- Agreement in Principle
- Waste Services Contract

The following may be required:

- Transfrontier Shipment Authorisation
- Third Party Waste Agreement

2.1. Environmental Permit / Disposal Authorisation

To allow waste to be consigned to LLW Repository Ltd, the Customer must hold a valid *Environmental Permit* or *Disposal Authorisation* issued under the Environmental Permitting Regulations or Radioactive Substances Act by either the Environment Agency in England and Wales or the Scottish Environmental Protection Agency in Scotland. The *Environmental Permit* or *Disposal Authorisation* must cover the Waste Service the Customer wishes to utilise and the route to consign the waste to either the *Low Level Waste Repository* or preferably directly to the relevant Treatment or Disposal Facility.

2.2. Agreement in Principle

To support an application for a *Environmental Permit* or *Disposal Authorisation* to the relevant Regulatory Body, a Customer may require an Agreement in Principle from LLW Repository Ltd that the proposed waste will, in principle, be suitable for Treatment and / or Disposal by LLW Repository Ltd.

Customers can apply for an Agreement in Principle by completing the Agreement in Principle Form available on our website or by contacting our Customer Team.

2.3. Waste Services Contract

A Waste Services Contract is the contractual agreement between LLW Repository Ltd and the Customer who wants to use the Waste Services offered by LLW Repository Ltd. The

Contract incorporates the *Waste Acceptance Procedure* and the *Waste Acceptance Criteria*.

Customers can apply for a Waste Services Contract by completing the Contract Request Form available on our website or by contacting our Customer Team.

2.4. Transfrontier Shipment Authorisation

Where waste is to be consigned to a Treatment and / or Disposal to a Facility outside the UK, the consignment must be covered by a *Transfrontier Shipment Authorisation*. For waste to be consigned to LLW Repository Ltd through the Waste Services Contract, LLW Repository Ltd will manage, or support, applications for a Transfrontier Shipment Authorisation including obtaining any relevant Export Licences that may be required.

2.5. Third Party Waste Agreement

A number of Customers, who are not waste generators themselves, hold a Waste Services Contract with LLW Repository Ltd in order to consign waste on behalf of a Third Party who generates waste. To allow *Third Party Waste* to be consigned, a Third Party Waste Agreement must be in place.

Customers can apply for a Third Party Waste Agreement by completing the Third Party Agreement Form available on our website or by contacting our Customer Team.

3. Waste Acceptance Procedure

The *Waste Acceptance Procedure* is the term used for the arrangements that Customers follow to consign waste to LLW Repository Ltd.

The *Waste Acceptance Procedure* has been split into a series of logical processes that cover the entire spectrum of waste management from forecasting through characterisation to treatment and disposal. The processes are:

- Waste Forecasting
- Waste Assurance
- Waste Characterisation
- Waste Enquiry
- Waste Consignment
- Waste Receipt

Each process can consist of four elements:

- Process Diagram
- Guide
- Forms
- Templates

Process Diagram

Each Process is detailed in a Process diagram. This diagram highlights the key steps in each process and defines the actions that the Customer, LLW Repository Ltd and the Supplier will take to complete the process.

Guide

Each Process is supported by a Guide. The Guide provides additional details about each process step, information requirements, actions and the objectives of the Process. The Guide also explains how each Form should be completed, including the level of detail required, and the role of any Templates that LLW Repository Ltd completes.

Forms

Forms are to be completed by the Customer and submitted to LLW Repository Ltd to provide relevant information to complete the Process. Forms can be completed electronically and submitted to LLW Repository Ltd by e-mail.

Templates

Templates are completed by LLW Repository Ltd and issued to the Customer to provide relevant information related to the Process. Templates will be completed electronically and issued to the Customer by e-mail.

3.1. Waste Forecasting

The Waste Forecasting Process is the process that Customers follow to provide LLW Repository Ltd with a regular forecast of their Waste Treatment and Disposal Volumes, Radioactivity Content and Container Supply requirements. Customers complete the Waste Forecasting Form and submit it to LLW Repository Ltd. Following review of the forecast, LLW Repository Ltd will issue Customer's an allocation of capacity for Waste Services. For Packaging Services requirements, LLW Repository Ltd will ensure that sufficient containers are available to meet Customer requirements subject to receipt of a Purchase Order from the Customer. Further details are provided in the Packaging Services Process Diagram and Guide that form part of the Waste Services Contract.

The Waste Forecasting Process is an ongoing process between the Customer and LLW Repository Ltd for the duration of the Waste Services Contract. For a particular year, the process begins with the Customer compiling their requirements for the next 12 months in the Waste Forecasting Form and ends with LLW Repository Ltd providing an Allocation for the next 12 months.

The Waste Forecasting Process consists of:

- Waste Forecasting Process (Reference: WSC-PRO-WFO)
- Waste Forecasting Guide (Reference: WSC-GUI-WFO)
- Waste Forecasting Form (Reference: WSC-FOR-WFO)

3.2. Waste Characterisation

The Waste Characterisation Process is the process that Customers follow to detail the techniques they have used to characterise their waste for Treatment and / or Disposal. LLW Repository Ltd uses the information provided in the Waste Characterisation Form to confirm that the Customer's characterisation techniques will result in an accurate declaration of the radioactivity content of the waste during the Waste Consignment Process.

There are a number of elements required to suitably characterise waste: originating process and history of the waste, consideration of predicted isotopic and hazardous elements, development of a sampling and analysis plan, implementation of sampling and

analysis, derivation of a waste fingerprint, categorisation of the waste, identification of activity assessment and measurement techniques and finally the compilation of this information in a Waste Characterisation Form.

The Waste Characterisation Process is an ongoing process between the Customer and LLW Repository Ltd for the duration of the Waste Services Contract. For a particular quantity of waste, the process begins with the Customer identifying the nature of the waste to be characterised and ends when a Waste Characterisation Form has been approved by LLW Repository Ltd.

The Waste Characterisation Process consists of:

- Waste Characterisation Process (Reference: WSC-PRO-WCH)
- Waste Characterisation Guide (Reference: WSC-GUI-WCH)
- Waste Characterisation Form (Reference: WSC-FOR-WCH)

3.3. Waste Assurance

The Waste Assurance Process is the process that Customers follow to provide re-assurance to LLW Repository Ltd that their own waste management arrangements and procedures will ensure that waste consigned to LLW Repository Ltd for Treatment and / or Disposal will comply with the requirements of both the *Waste Acceptance Procedure* and the *Waste Acceptance Criteria*.

The Process also includes the activities that LLW Repository Ltd will undertake to provide assurance that waste consigned to LLW Repository Ltd for Treatment and / or Disposal is as described in the Waste Consignment Form. These objectives are achieved by undertaking Customer Audits and Assurance Monitoring of waste consignments.

The Waste Assurance Process is an ongoing process between the Customer and LLW Repository Ltd for the duration of the Waste Services Contract. The process begins with the Customer outlining their waste management arrangements in the Waste Assurance Form, for a particular quantity of waste selected by the Customer. The process includes LLW Repository Ltd monitoring waste consignments during the Waste Receipt Process and completing Customer Audits.

The Waste Assurance Process consists of:

- Waste Assurance Process (Reference: WSC-PRO-WAS)
- Waste Assurance Guide (Reference: WSC-GUI-WAS)
- Waste Assurance Form (Reference: WSC-FOR-WAS)

3.4. Waste Enquiry

The Waste Enquiry Process is the starting point for consigning a specific volume of waste under the *Waste Acceptance Procedure*. Customers wishing to consign waste to LLW Repository Ltd must complete a Waste Enquiry Form that provides outline information about the waste to be consigned and the potential waste treatment and / or disposal options that can be applied. The Form requires details for waste description, waste composition, physical properties, radiological properties and waste packaging options.

The Waste Enquiry Process is related to a particular quantity of waste. It can be used to enquire about the suitability of a range of waste volumes for Treatment and / or Disposal

services, such as a one-off large item, a multi-year operational wastestream, an entire decommissioning project or a single consignment of mixed waste. The process begins with the Customer completing the Waste Enquiry Form and ends with LLW Repository Ltd issuing a Waste Services Quotation that includes: the Service Information and any necessary variations that would be required to meet the *Waste Acceptance Criteria*.

The Waste Enquiry Process consists of:

- Waste Enquiry Process (Reference: WSC-PRO-WEN)
- Waste Enquiry Guide (Reference: WSC-GUI-WEN)
- Waste Enquiry Form (Reference: WSC-FOR-WEN)
- Waste Services Quotation Template (Reference: WSC-TEM-WSQ)

3.5. Waste Consignment

The Waste Consignment Process follows the Waste Enquiry Process and its purpose is to consider the acceptance of each waste consignment. Customers that have accepted a Waste Services Quotation and generated a *Waste Consignment* must complete a Waste Consignment Information Form that provides detailed information on the contents of a specific container of waste. It may be necessary to obtain approval for a variation to the *Waste Acceptance Criteria* from LLW Repository Ltd through the submission of a Waste Consignment Variation Form. The information provided during this process forms the lifetime record of waste disposed of at the *Low Level Waste Repository*. It is therefore very important that Customers complete the Forms as fully and accurately as possible.

Where Customers have used the 'Approval in Advance' option on the Waste Consignment Variation Form, or a required variation was identified at the Waste Enquiry stage, the variation must be confirmed through approval of a Waste Consignment Variation Form for the specific waste consignment.

The Waste Consignment Process is related to a specific consignment of waste, i.e. a single container of waste. The process begins with the Customer generating the waste and packing it in accordance with the Waste Services Quotation and, for *Metallic Waste Treatment*, the agreed Waste Loading Plan. The process ends with the *Waste Consignment* being transported to the relevant Treatment or Disposal Facility.

The Waste Consignment Process consists of:

- Waste Consignment Process (Reference: WSC-PRO-WCO)
- Waste Consignment Guide (Reference: WSC-GUI-WCO)
- Waste Loading Plan Form (Reference: WSC-FOR-WLP)
- Waste Consignment Variation Form (Reference: WSC-FOR-WCV)
- Waste Consignment Information Form (Reference: WSC-FOR-WCI)
- Waste Consignment Transport Form (Reference: WSC-FOR-WCT)
- Waste Consignment Approval Template (Reference: WSC-TEM-WCA)
- Waste Consignment Rejection Template (Reference: WSC-TEM-WCR)

3.6. Waste Receipt

The Waste Receipt Process follows the Waste Consignment Process and begins once a *Waste Consignment* has been delivered to a Treatment or Disposal facility. This Process does not require any initiating action from the Customer.

The Waste Receipt Process is related to a specific consignment of waste, i.e. a single container of waste. The process begins with the *Waste Consignment* being received at the relevant Treatment or Disposal Facility. This process begins with an inspection to confirm that the consignment complies with the relevant *Waste Acceptance Criteria* and ends with LLW Repository Ltd issuing a Waste Disposition Report that details the final status of the waste that was consigned after all Treatment and / or Disposal Services have been completed.

The Waste Receipt Process consists of:

- Waste Receipt Process (Reference: WSC-PRO-WRE)
- Waste Receipt Guide (Reference: WSC-GUI-WRE)
- Waste Receipt Template (Reference: WSC-TEM-WRE)
- Waste Services Invoice Template (Reference: WSC-TEM-WSI)
- Waste Event Report Template (Reference: WSC-TEM-WER)
- Waste Disposition Report Template (Reference: WSC-TEM-WDR)

4. Waste Delivery

The arrangements for delivery of *Waste Consignments* depend on which treatment or disposal service the Customer is using as detailed below. However, *Waste Consignments* will not normally be received on Saturdays, Sundays, Bank Holidays or on other days notified in advance to Customers.

4.1. Metallic Waste Treatment Service

Due to there being a range of delivery destinations, *Waste Consignments* for the *Metallic Waste Treatment Service* shall be delivered in accordance with the details specified in the Service Information that is issued as part of a Waste Services Quotation (Reference: WSC-TEM-WSQ).

For *Waste Consignments* for the *Metallic Waste Treatment Service*, Customers have the option of consigning the *Waste Consignment* to the Low Level Waste Repository for storage prior to onward transfer to the relevant Service Supplier. Where, relevant, this option will be included as part of a Waste Services Quotation (Reference: WSC-TEM-WSQ).

4.2. Combustible Waste Treatment Service

Due to there being a range of delivery destinations, *Waste Consignments* for the *Combustible Waste Treatment Service* shall be delivered in accordance with the details specified in the Service Information that is issued as part of a Waste Services Quotation (Reference: WSC-TEM-WSQ).

For *Waste Consignments* for the *Combustible Waste Treatment Service*, Customers have the option of consigning the *Waste Consignment* to the Low Level Waste Repository for storage prior to onward transfer to the relevant Service Supplier. Where, relevant, this option will be included as part of a Waste Services Quotation (Reference: WSC-TEM-WSQ).

4.3. Supercompactable Waste Treatment Service

Waste Consignments for the *Supercompactable Waste Treatment Service* shall, unless otherwise agreed through the Waste Consignment Transport Form (Reference: WSC-FOR-WCT), be delivered to *Sellafield* in accordance with the following:

- **Delivery Address:** Sellafield Site, Sellafield, Seascale, Cumbria, CA20 1PG
- **Delivery Times:** Monday to Friday from 08:00 to 14:30

4.4. Low Level Waste Disposal Service

Waste Consignments for the *Low Level Waste Disposal Service* shall, unless otherwise agreed through the Waste Consignment Transport Form (Reference: WSC-FOR-WCT), be delivered to the *Low Level Waste Repository* in accordance with the following:

- **Delivery Address:** Low Level Waste Repository Site, Old Shore Road, Drigg, Holmrook, Cumbria, CA19 1XH
- **Delivery Times:** Monday to Friday from 09.15 to 14:00

In addition, to maintain good local stakeholder relationships, delivery vehicles should not drive through Drigg village before 09:00 or after 15:30.

5. Communications

5.1. Help and Support

LLW Repository Ltd has a dedicated Customer Support Team to help Customers with their waste management activities and any aspect of LLW Repository Ltd's services. LLW Repository Ltd's Office Hours are 08:30 to 16:30, Monday to Friday.

5.2. Preferred Communication Methods

To complete the *Waste Acceptance Procedure*, Customers must submit a range of forms and supporting documents to LLW Repository Ltd and various communications will pass between the Customer and LLW Repository Ltd. To make this transfer of information as efficient as possible, LLW Repository Ltd use e-mail and electronic documents and prefers Customers to use the same approach.

5.3. Contract Notices

Some contract notices required under the Terms and Conditions of the Waste Services Contract may involve transfer of 'wet signature' documents. If Customers therefore need to post any notices, they should be sent to the following address marked for the attention of the Service Manager:

Customer Team
LLW Repository Ltd
Blengdale Court
Greengarth Business Park
Holmrook
Cumbria
CA19 1UL

6. Records

There are a range of records that are required to support the management of waste under the Waste Services Contract. Primarily, these requirements are addressed by the Forms and Templates of the Waste Acceptance Procedure as detailed below.

6.1. LLW Repository Ltd Records

All Forms, as submitted to LLW Repository Ltd, and Templates, as issued by LLW Repository Ltd, will be retained by LLW Repository Ltd for the duration of the contract and for a minimum of 12 years after the contract has expired. In some cases, such as the Waste Consignment Forms, the Forms are the lifetime record of the *Waste Consignment* and will be retained by LLW Repository Ltd for an indefinite period as required by LLW Repository Ltd's *Disposal Authorisation*. Where Forms have to be signed by the Customer and / or LLW Repository Ltd, a signed copy will be retained.

The following Forms and Templates will be retained as records by LLW Repository Ltd:

- Waste Forecasting Form (Reference: WSC-FOR-WFO)
- Waste Characterisation Form (Reference: WSC-FOR-WCH)
- Waste Assurance Form (Reference: WSC-FOR-WAS)
- Waste Enquiry Form (Reference: WSC-FOR-WEN)
- Waste Consignment Information Form (Reference: WSC-FOR-WCI)
- Waste Consignment Variation Form (Reference: WSC-FOR-WCV)
- Waste Loading Plan Form (Reference: WSC-FOR-WLP)
- Waste Consignment Transport Form (Reference: WSC-FOR-WCT)
- Waste Services Quotation Template (Reference: WSC-TEM-WSQ)
- Waste Consignment Approval Template (Reference: WSC-TEM-WCA)
- Waste Consignment Rejection Template (Reference: WSC-TEM-WCR)
- Waste Receipt Template (Reference: WSC-TEM-WRE)
- Waste Services Invoice Template (Reference: WSC-TEM-WSI)
- Waste Event Report Template (Reference: WSC-TEM-WER)
- Waste Disposition Report Template (Reference: WSC-TEM-WDR)

In addition to the Forms and Templates, LLW Repository Ltd will retain the following records:

- Contractual Documents
- Contractual Notices
- Copies of Disposal Authorisations
- Copies of Transfrontier Shipment Authorisations
- Package Approval Certificates
- Waste Receipt Monitoring Reports
- Waste Event Investigation Reports
- Customer Audit Reports
- Service Supplier Audit Reports
- Service Supplier Quotations

Other records will be retained as required. All records retained by LLW Repository Ltd are available for inspection by the Customer in accordance with the relevant clauses of the Waste Services Contract.

6.2. Customer Records

Customers are likely to retain their own records in relation to their waste management activities under the Waste Services Contract. In addition to copies of Forms and Templates, Customers are likely to retain at least some of the following records:

- Contractual Documents
- Contractual Notices
- Disposal Authorisations
- Waste Consignment Packing Inventories
- Photographic Records of a Waste Consignment
- Quality Plans
- Waste Event Investigation Reports
- Customer Audit Reports

LLW Repository Ltd advises Customers to retain these records for the duration of the contract and for a minimum of 12 years after the contract has expired. As a minimum, the Customer should retain all records relating to any given *Waste Consignment*, until the Waste Disposition Report for that *Waste Consignment* has been issued by LLW Repository Ltd. This is to ensure that all relevant information is available to support any waste event investigations following receipt of a *Waste Consignment*.

All records retained by the Customer must be made available for inspection by the LLW Repository Ltd in accordance with the relevant clauses of the Waste Services Contract.

7. Glossary

Activity, expressed in Becquerels, means the number of spontaneous nuclear transformations occurring in a period of one second.

Combustible Waste means those wastes for which the best available technique for management is incineration. *Combustible Waste* can typically consist of: paper, cardboard, plastic, wood, gloves, overshoes, protective suits, wipes, rags, oil, etc.

Consign, in the context of waste, means to transfer waste to LLW Repository Ltd for the purpose of disposal at the *Low Level Waste Repository* and **Consigned** has a corresponding meaning.

Disposal Authorisation means any Customer's current Certificate of Authorisation or issued under the Radioactive Substances Act 1993 by the Scottish Environment Protection Agency.

Disposal Container(s) means those containers, as defined in the relevant *Waste Acceptance Criteria*, that are approved for use to consign a *Waste Consignment* to the *Low Level Waste Repository* for disposal.

Environmental Permit means either the Customer's current Environmental Permit or the Environmental Permit for the Low Level Waste Repository (Reference: EPR/YP3293SA) issued under the Environmental Permitting (England and Wales) Regulations 2010 by the Environment Agency.

LLW Repository Ltd means the waste management company that holds the Site Licence to manage and operate the *Low Level Waste Repository* under contract to the owner of the site, the Nuclear Decommissioning Authority.

Low Level Waste means solid low level radioactive waste in accordance with the requirements specified in the relevant *Waste Acceptance Criteria* document. It typically includes metals, soil, building rubble and organic materials, which arise principally as lightly contaminated miscellaneous scrap. Metals are mostly in the form of redundant equipment. Organic materials are mainly in the form of paper towels, clothing and laboratory equipment that have been used in areas where radioactive materials are used, such as hospitals, research establishments and the nuclear industry. Low Level Waste contains radioactive materials other than those acceptable for disposal with municipal and general commercial or industrial waste.

Low Level Waste Repository means the national low level radioactive waste disposal facility situated near the village of Drigg in West Cumbria.

Metallic Waste means those wastes for which the best available technique for management is treatment by decontamination, blasting or melting. *Metallic Waste* can typically consist of: scaffolding, pipes, tubing, valves, structural elements, cabinets, plant items, heat exchangers, turbines, etc.

Reassertion means the increase in volume of a supercompacted drum or box within a period of thirty minutes after release of the high force compaction pressure and containment following *Supercompaction*.

Secondary Waste means waste for disposal at the *Low Level Waste Repository* that arises from a treatment process completed by *LLW Repository Ltd* for a Customer under the Waste Services Contract.

Sellafield means *Sellafield Ltd's* Nuclear Licensed Site at Sellafield in West Cumbria.

Sellafield Ltd means the company that holds the Site Licence to manage and operate Sellafield under contract to the owner of the site, the Nuclear Decommissioning Authority.

Service Supplier means any sub-contractor that LLW Repository Ltd uses to deliver Waste Services as defined in the relevant *Waste Acceptance Criteria*.

Supercompactable Waste means those wastes for which the best available technique for management is to render them into a form suitable for High Force Compaction and which if subject to High Force Compaction and allowing for *Reassertion* could reasonably be expected to be reduced in volume by 30% or more. *Supercompactable Waste* can typically consist of: paper, gloves, tape, sisalkraft, cloth, punctured and drained aerosol cans, small tool items (hammer heads, bolts, nuts etc) in small quantities, light gauge metal assemblies, small quantities of timber, plastic items, PPE, small quantities of glass (wrapped in tape and placed in a tin with the lid taped), electrical cables, electrical conduit, size reduced chairs and wastes of similar size and composition.

Supercompaction means the application of pressure of at least 20,000kN/m². *Supercompacted* has a corresponding meaning.

Third Party Waste means those wastes, which are consigned to LLW Repository Ltd under a Waste Services Contract by an organisation other than the organisation which generates the waste.

Transfrontier Shipment Authorisation means a licence required under the Transfrontier Shipment of Radioactive Waste and Spent Fuel Regulations 2008 for the import/export of radioactive waste and / or spent nuclear fuel issued by the Environment Agency or the Scottish Environment Protection Agency.

Transport Container(s) means those containers, as defined in the relevant *Waste Acceptance Criteria*, that are approved for use to consign a *Waste Consignment* to LLW Repository Ltd for treatment.

Waste Acceptance Criteria means the requirements set out in Schedule 4 of the Waste Services Contract and relevant Statutory Regulations applicable to the customer in respect of the transport, treatment and disposal of *Low Level Waste*.

Waste Acceptance Procedure means the requirements, including this document, set out in Schedule 5 of the Waste Services Contract that define how waste can be consigned to *LLW Repository Ltd* for treatment and / or disposal.

Waste Consignment means one *Transport Container* or *Disposal Container* and its contents of waste and packaging with a maximum external volume of 40m³, received from a single Customer on one road or rail vehicle as specified in the Waste Consignment Information Form (Reference: WSC-FOR-WCI).