

Improving LLW Management

In the past 18 months, we have moved away from focus on disposal only, through:-

- Introduction of a new service – loose waste compaction
- Improved forecasting
- Aligned pricing with best use of LLWR capacity
- Revised the Conditions for Acceptance
- Improved our support to customers
- Introduced website and electronic forms

Step Change - New Services

What services should we offer?

- Strong link to Government Policy & Waste Hierarchy
- Biggest impact on disposal volumes
- Don't impact on LLWR Environmental Safety Case
- LTP 08 Innovations Projects

...we will implement through new LLW Disposal contracts...

Segregated Waste Services



Sort & Segregate

Metallic

- Over 500,000te currently identified
- Existing metal treatment yields up to 95% volume reduction
- Section IV of the revised CfA

Combustible

- Complementary to current super compaction service
- Thermal treatment yields better volume reduction
- Section V of the revised CfA

VLLW

- Currently consigned as primary waste or infill material
- Inefficient use of LLW capacity
- Section VI of the revised CfA

Why Segregate waste.. ?

- Preserve LLWR capacity
- Treat at existing off site facilities – UK, Europe, USA
- Enables recycling & energy reclamation
- VLLW disposal at fit for purpose facilities
- Segregation achieved at source – no additional LLWR operations



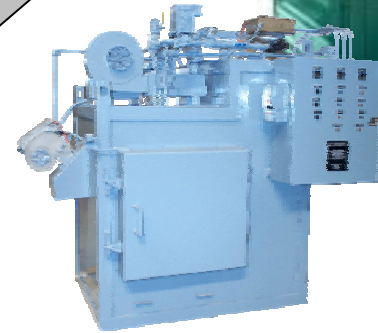
...implemented via revised Conditions for Acceptance...

Near Term Vision – Segregated Waste Treatment

Segregated LLW consigned to LLWR

Treatment Services

- Integrated Transport
- Consolidation of container supply
- Consolidation of Treatment Services
- 'Strategic' BPEO/BPM based on aggregated waste arisings



Thermal Treatment



Metal Recycling

Secondary Wastes returned for disposal

Recycled material



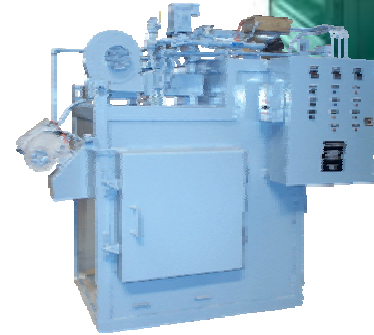
Consignor Sites



Long Term Vision – Segregated Waste Treatment

Direct consignment to Treatment

- Integrated Transport
- Consolidation of container supply
- Consolidation of Treatment Services
- 'Strategic' BPEO/BPM based on aggregated waste arisings



Thermal Treatment



Metal Recycling

Secondary Wastes returned for disposal

Recycled material



Consignor Sites



Remember...

- Metallic, Combustible and VLLW wastestreams are nothing new - these types of material arrive every day at the LLWR (just mixed together)
- Material is segregated at source by the consignor (no sorting/ processing at the LLWR)
- The ability of the Supply Chain to treat this material is well proven
- Our new services build on our existing requirements for waste to be segregated

...however...

There are still issues...

- It is a fundamental change in approach for consignors
- Need to get LLWR ready to receive segregated waste
- Short term increase in NDA liability
- Tests the regulatory framework

...but business as usual is not an option...