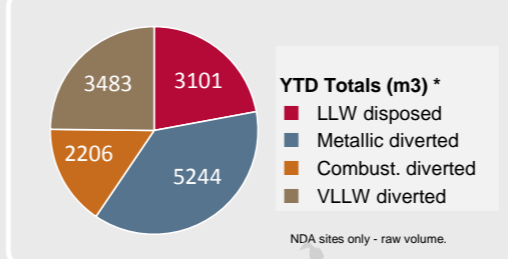


February 2015 Waste Metric Dashboard

Period 11 : 25th January to 21st February FY 14/15

UK Waste Diversion

The National Waste Programme aims to communicate progress in the implementation of the Waste Hierarchy and the Nuclear Industry Strategy for Low Level Waste Management across the UK. This dashboard shows key metrics that demonstrate the successful diversion of waste away from direct disposal and the optimal use of key national assets, such as LLWR and waste treatment facilities on sites around the UK, based on delivery of Joint Waste Management Plans (JWMPs). The objective is to encourage transparency and communicate progress to all stakeholders.



Sellafield Ltd 1

JWMP Targets 2014/15

These graphs show the cumulative actual waste diverted by Sellafield Ltd against their JWMP targets.

Metallic Treatment:

	Yearly Target	Actual YTD
Onsite treatment	1200	1366
Via framework	916	743
Out of Scope	0	0
Total:	2116	2109

Combustible Treatment:

	Yearly Target	Actual YTD
Onsite treatment	0	0
Via framework	825	750
Out of Scope	0	0
Total:	825	750

VLLW Disposal:

	Yearly Target	Actual YTD
Onsite disposal	3065	3320
Via framework	425	165
Out of Scope	0	0
Total:	425	165

1 Actuals/Target YTD only applies to VLLW via the framework

Magnox Ltd 2-11

JWMP Targets 2014/15

These graphs show the cumulative actual waste diverted by Magnox Ltd against their JWMP targets.

Metallic Treatment:

	Yearly Target	Actual YTD
Onsite treatment	14	51
Via framework	468	222 ¹
Out of Scope	350	227
Total:	832	501

Combustible Treatment:

	Yearly Target	Actual YTD
Onsite treatment	0	0
Via framework	1682	1213 ²
Out of Scope	0	0
Total:	1682	1213

VLLW Disposal:

	Yearly Target	Actual YTD
Onsite disposal	0	0
Via framework	2482	1785
Out of Scope	0	300
Total:	2482	2085

¹ Includes 10m³ via direct contracts ² Includes 74m³ via direct contracts

RSRL 12-13

JWMP Targets 2014/15

These graphs show the cumulative actual waste diverted by Research Sites Restoration Ltd against their JWMP targets.

Metallic Treatment:

	Yearly Target	Actual YTD
Onsite treatment	55	48
Via framework	57	31
Out of Scope	0	0
Total:	112	79

Combustible Treatment:

	Yearly Target	Actual YTD
On site treatment	0	0
Via framework	387	243
Out of Scope	0	0
Total:	387	243

VLLW Disposal:

	Yearly Target	Actual YTD
Onsite disposal	0	0
Via framework	1505	1221
Out of Scope	9	12
Total:	1514	1233

LLWR Ltd 15

JWMP Targets 2014/15

These graphs show the cumulative actual waste diverted by Low Level Waste Repository Ltd against their JWMP targets.

Metallic Treatment:

	Yearly Target	Actual YTD
Onsite treatment	0	0
Via framework	5	0
Out of Scope	0	0
Total:	5	0

Combustible Treatment:

	Yearly Target	Actual YTD
On site treatment	0	0
Via framework	10	0
Out of Scope	0	0
Total:	10	0

VLLW Disposal:

	Yearly Target	Actual YTD
Onsite disposal	0	0
Via framework	0	0
Out of Scope	0	0
Total:	0	0



NDA Site Summary YTD

Metallic, Combustible and Very Low Level Waste

FY2014/15 Summary - Period 11**

These graphs are a summary of the cumulative progress to date against the combined JWMP targets. These numbers do not capture VLLW disposed of on site and Non NDA waste diversion. Non NDA waste diversion is captured in the box below.

Metallic Waste Treated (te)

Site	Yearly Target	Actual YTD
SLC	2116	2109
SL	832	501
MX	112	79
RSRL	5	0
LLWR	0	0
Total:	3065	2689

997 te via framework (inc. 10te via direct contracts)

Combustible Waste Treated (m³)

Site	Yearly Target	Actual YTD
SLC	825	750
SL	1682	1213
MX	387	243
RSRL	10	0
LLWR	0	0
Total:	2904	2206

2206 m³ via framework (inc. 74m³ via direct contracts)

VLLW Waste Disposed (m³)

Site	Yearly Target	Actual YTD
SLC	425	165
SL	2482	2085
MX	1514	1233
RSRL	0	0
LLWR	0	0
Total:	4420	3483

3171 m³ via framework

Diversion totals from Non-NDA sites (YTD) ***

Site	Studs	AVE	EDF Energy	Urenco UK	Tradebe Inotec Ltd	UnitTech Energy Solutions	Others	Unit
M	0	0	9	0	0	0	0	(te)
C	0	5	0	0	0	0	0	(m ³)
V	13	108	0	582	10	0	79	(m ³)
Totals	13	113	591	582	10	0	79	994



LLW Disposed

This table gives the no. of containers disposed of at the LLWR facility each Period.

No. of containers	Period 1	Period 2	Period 3	Period 4	Period 5	Period 6	Period 7	Period 8	Period 9	Period 10	Period 11	Period 12
SL	0	9	14	7	6	11	11	8	19	19	10	-
MX	0	0	1	2	0	3	0	0	3	0	4	-
DSRL*	0	0	0	0	0	0	0	0	0	0	0	-
RSRL*	0	0	0	0	0	0	0	0	2	0	0	-
LLWR	0	0	0	0	0	0	0	0	0	0	0	-
Others**	1	0	0	0	3	0	4	2	6	5	9	-
TOTAL	1	9	15	9	9	14	15	10	30	24	23	0

*Containers stored at DSRL **Others include Non-NDA sites

Footnotes

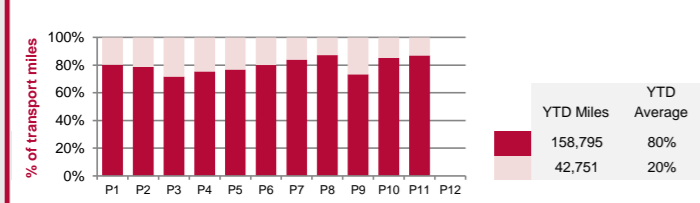
*Metallic waste has been converted to raw volume assuming 10te per Half Height Isofreight container (HHISO) and a HHISO volume of 19.5m³. The same volume has been used to convert LLWR container numbers to raw volumes.

**NDA SLC forecasts for periods 1 to 6 reflect the targets from JWMP 6, whereas periods 7 to 12 reflect the targets from JWMP 7.

*** Diversion totals from Non NDA include framework and non framework consignments.

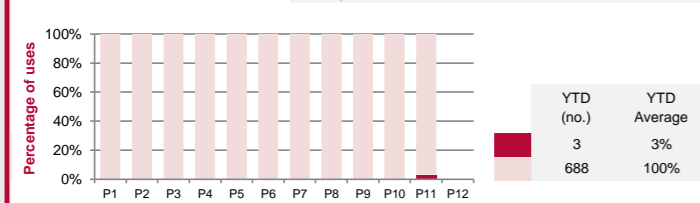
Transport and Packaging

Utilisation of Transport Fleet



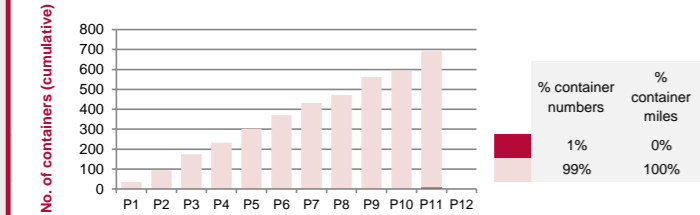
This graph gives the relative percentage for empty miles (miles transporting empty containers) and utilised miles (miles transporting containers holding waste). A high utilisation % shows transport assets being used effectively.

Package Re-use



This graph shows, of the total number of containers transported, the percentage of packages that were a re-used container. A high re-use % shows transport assets being used effectively.

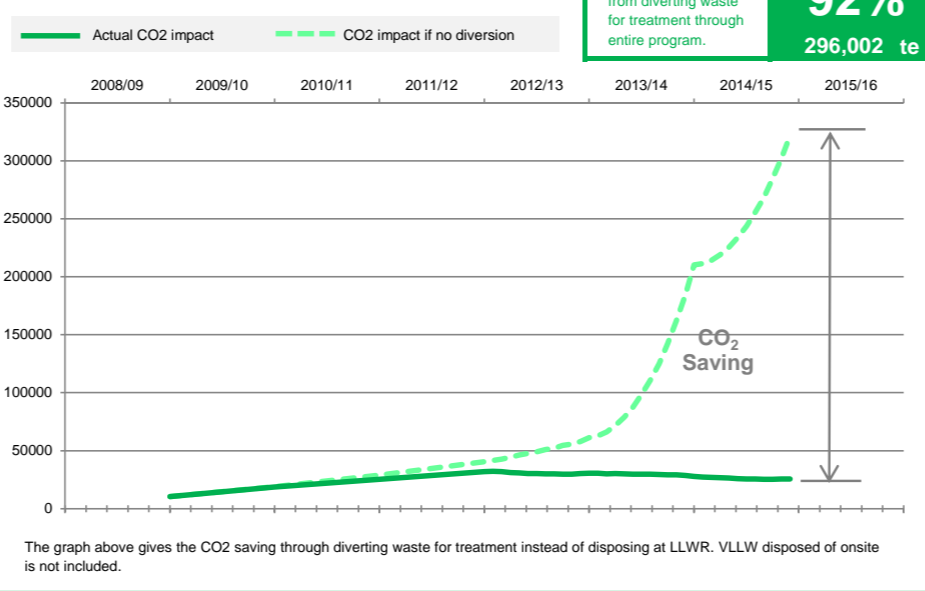
Road vs. Rail Transports



This graph shows of the total number of containers transported, which were by rail and which were by road. Rail shipments from Sellafield to LLWR are excluded as they include containers that have been transported by road for the majority of their journey.

Safety Environment and Assurance

Environmental Impact



The graph above gives the CO2 saving through diverting waste for treatment instead of disposing at LLWR. VLLW disposed of onsite is not included.

RIDDOR/OSHA

RIDDOR and OSHA are measures of reporting safety incidents.

Quarter in FY	14/15	Q1	Q2	Q3	Q4*
Transport RIDDOR1	0.00	0.00	0.00	0.00	0.00
Repository RIDDOR1	0.00	0.00	0.00	0.00	0.00
Repository OSHA (TRIR**)*2	0.00	0.36	0.35	0.00	0.00

* Quarter 4 figures as at the end of Period 11 **TRIR (Total recordable incident rate)

Supply Chain Non Conformance

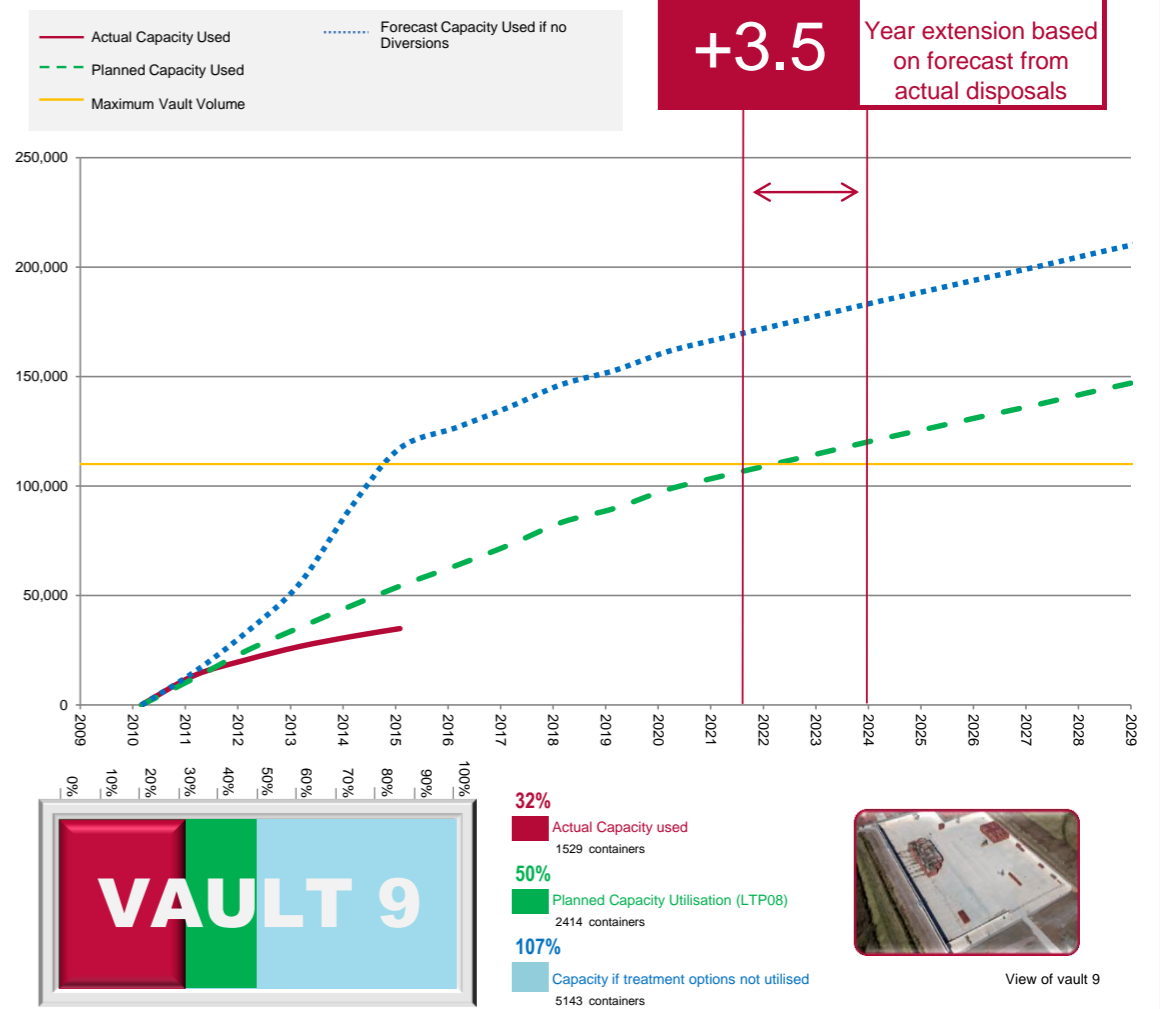
Period	P1	P2	P3	P4	P5	P6	P7	P8	P9	P10	P11	P12
No. of supply chain non-conformances	0	3	1	0	0	0	4	1	1	0	0	0

No. of non-conformances YTD: 10
Average no. of non-conformances YTD: 0.9

This table reflects the number of reported non-conformances within the supply chain on a monthly basis.

LLWR Vault 9 Capacity

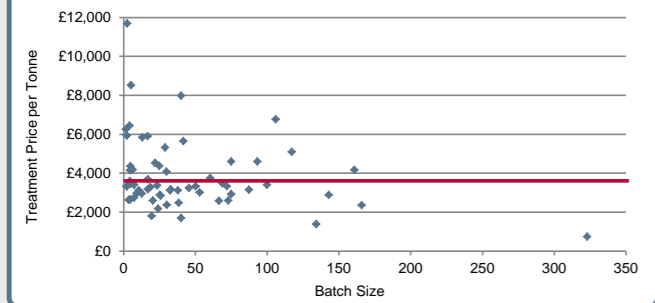
Actual vs Forecast Volumes



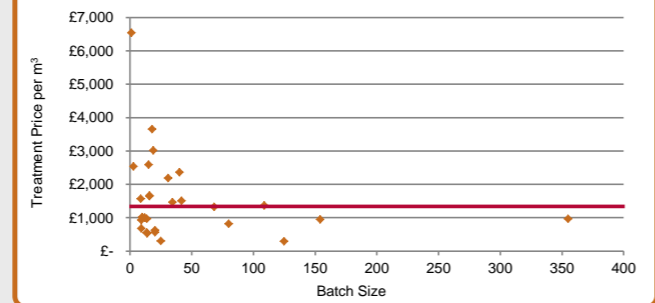
This graph compares the actual vault capacity used, against the planned capacity according to LTP08 and the capacity that would have been used if no treatment options were utilised. This graph is based on data from the past calendar year. These values assume all waste consigned to LLWR since FY 10/11 was for storage in vault 9, and all waste diverted since FY 10/11 would have been stored in vault 9. For metallic wastes it has been assumed that 10te is contained within a HHISO.

Cost Norms

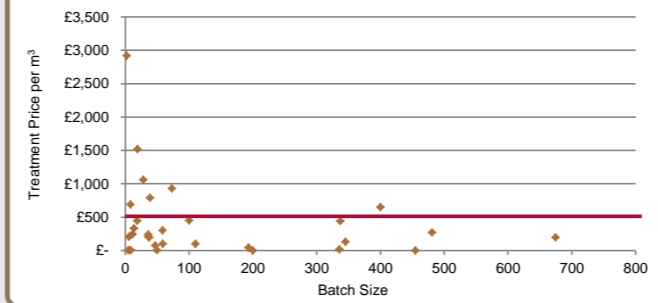
Cost Norms Metallic Waste



Cost Norms Combustible Waste



Cost Norms VLLW Waste



Usage of Waste Routes - NDA SLC's

This table shows the routes available to each of the sites, which have been utilised and which are yet to be utilised. This date is reflective of waste route usage from 2008 to the YTD.

SLC	Site	Metallic Waste	Combustible Waste	LLW	VLLW / LALLW
Sellafield Ltd	Sellafield	●	●	●	●
	Berkeley	●	●	●	●
	Bradwell	●	●	●	●
	Chapelcross	●	●	●	●
	Dungeness A	●	●	●	●
	Hinkley Point A	●	●	●	●
	Hunterston A	●	●	●	●
	Oldbury	●	●	●	●
	Sizewell A	●	●	●	●
	Trawslynydd	●	●	●	●
Magnox Ltd	Wyfa	●	●	●	●
	Harwell	●	●	●	●
	Winfrith	●	●	●	●
RSRL	LLWR	●	●	●	●
LLWR	LLWR	●	●	●	●
DSRL	Dounreay	●	●	●	●

Key: ● Route not open, ● Route available, ● Route in use, ● Recent status change

National Waste Programme | Key Achievements This Quarter

Quarter 3 Milestones 2014/2015

- ✓ RSRL to implement planned improvements to the Winfrith Segmented Gamma Scanner
- ✓ Sellafield Ltd to work with LLWR to re-engineer SL consignment approach to enable LLW to be consigned under the revised WAC
- ✓ LLWR to review orphan waste database to identify opportunity to complete feasibility study for one waste
- Magnox to review waste assay requirements, identify gaps, develop action plan

Quarter 4 Milestones 2014/2015

- Magnox to review how Project Waste Management Plans (PWMP) are used at sites, identify how to close gaps against best practice and roll out PWMP across sites
- ✓ RSRL to critically review application of the WH on key decommissioning projects during implementation of the Independent Assessment Programme for 2014/15
- SL to work with LLWR to develop a bespoke contract under Lot 7 to further progress the management of legacy oil stocks
- LLWR to carry out feasibility study for a solution to one orphan waste population