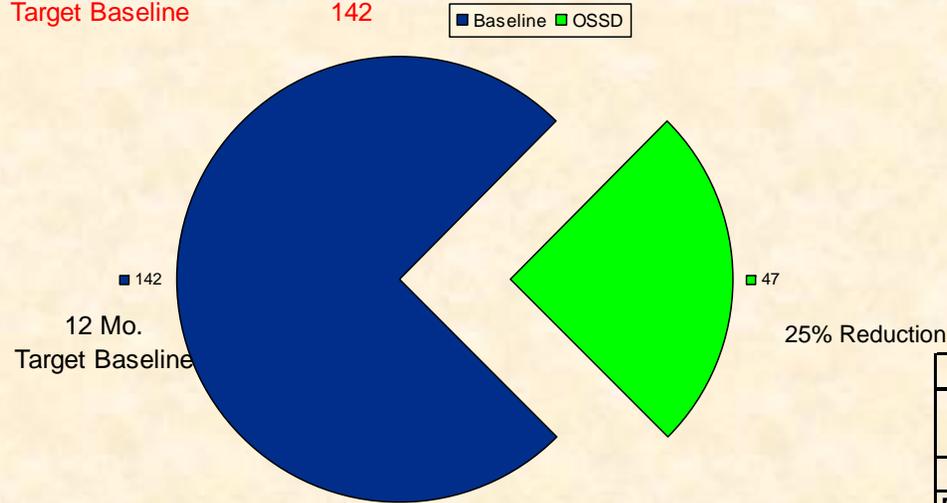


P2 GOAL: Reduce Routine Generation
Of All Solid Waste by 25% in FY04

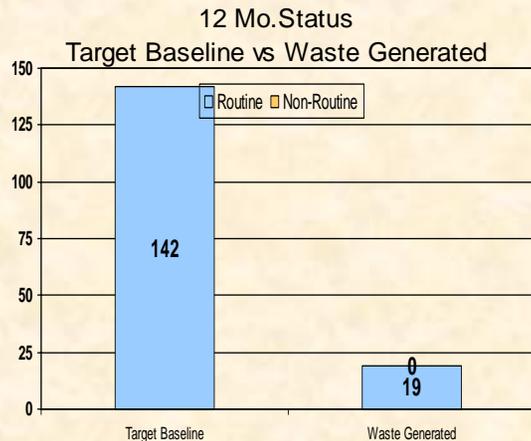
FY04 (kg)
Forecast Baseline 189
Target Baseline 142

12 Mo. Status (kg)
Forecast Baseline 189
Target Baseline 142

HAZARDOUS WASTE X072 – Operational Safety Services Division (OSSD) 25% Waste Minimization Goal



25% Waste Minimization Goal					
FY04 (kg)			12 Mo. Status (kg)		
Forecast Baseline	25% Reduction	Target Baseline	Forecast Baseline	25% Reduction	Target Baseline
189.0	47.3	141.8	189.0	47.3	141.8



Waste Generated			
Process Category	# Containers	# Items	(kg's) Quantity
Routine			
Process	2	2	19
Total Routine	2	2	19
Non-Routine			
Total Non-Routine	-	-	-
Total Hazardous Waste	2	2	19

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U. S. DEPARTMENT OF ENERGY

Updated 10/13/2004



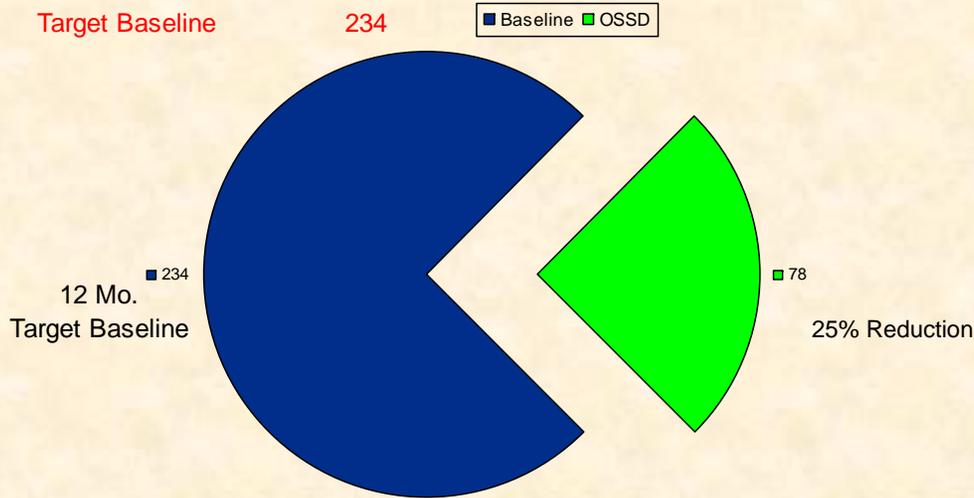
P2 GOAL: Reduce Routine Generation
Of All Solid Waste by 25% in FY04

FY04 (kg)
Forecast Baseline 312
Target Baseline 234

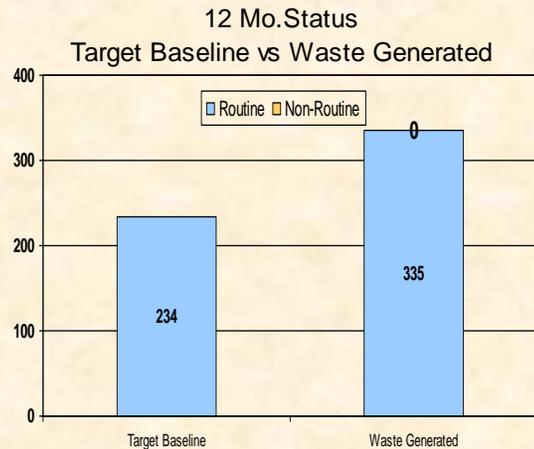
12 Mo. Status (kg)
Forecast Baseline 312
Target Baseline 234

MIXED WASTE

X072 – Operational Safety Services Division (OSSD) 25% Waste Minimization Goal



25% Waste Minimization Goal					
FY04 (kg)			12 Mo. Status (kg)		
Forecast Baseline	25% Reduction	Target Baseline	Forecast Baseline	25% Reduction	Target Baseline
312	78	234	312	78	234



Waste Generated			
Process Category	# Containers	# Items	(kg's) Quantity
Routine			
Process	3	3	335
Total Routine	3	3	335
Non-Routine			
Total Non-Routine	-	-	-
Total Mixed Waste	3	3	335

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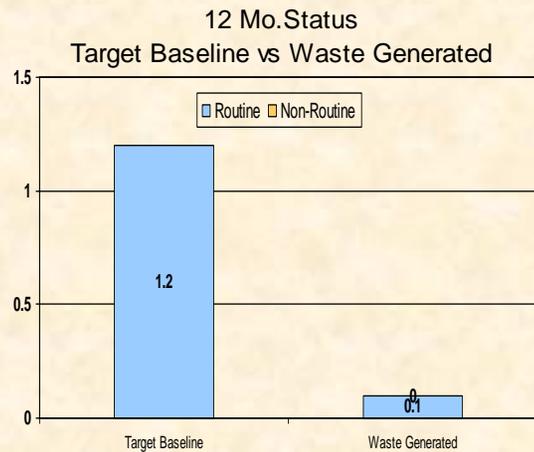
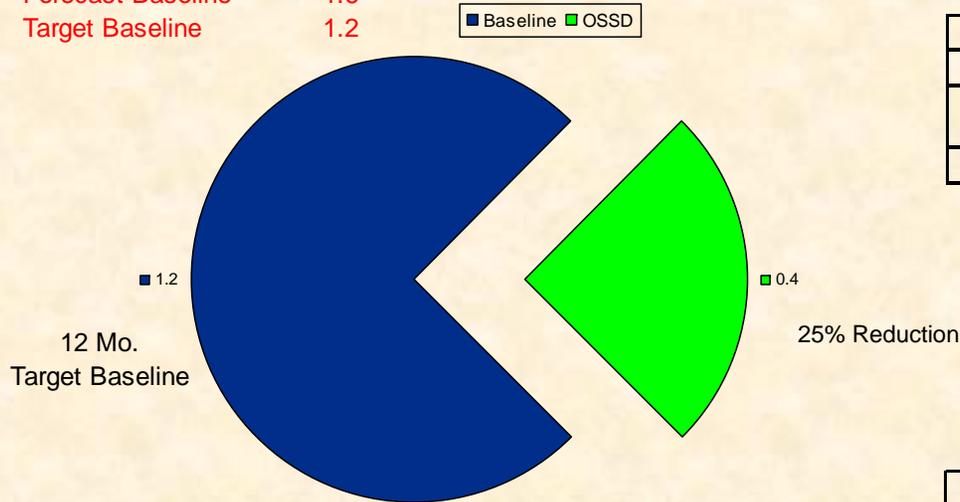
P2 GOAL: Reduce Routine Generation
Of All Solid Waste by 25% in FY04

FY04
Forecast Baseline 1.6
Target Baseline 1.2

12 Mo. Status
Forecast Baseline 1.6
Target Baseline 1.2

LOW-LEVEL WASTE X072 – Operational Safety Services Division (OSSD) 25% Waste Minimization Goal

25% Waste Minimization Goal					
FY04 (m ³)			12 Mo. Status (m ³)		
Forecast Baseline	25% Reduction	Target Baseline	Forecast Baseline	25% Reduction	Target Baseline
1.6	0.4	1.2	1.6	0.4	1.2



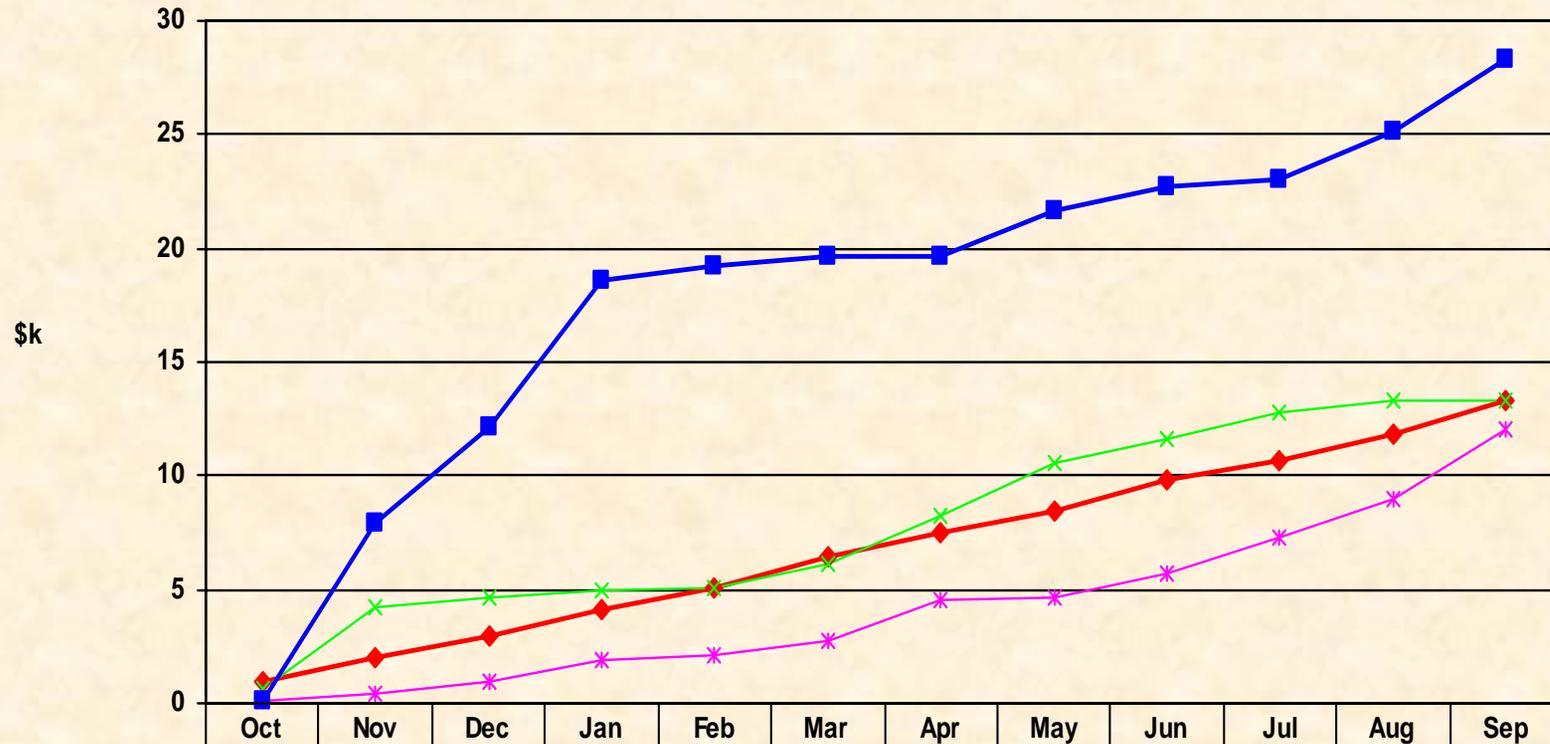
Waste Generated			
Process Category	#		(M ³)
	Containers	# Items	Quantity
Routine			
Process	1	1	0.1
Total Routine	1	1	0.1
Non-Routine			
Total Non-Routine	-	-	-
Total Low Level Waste	1	1	0.1

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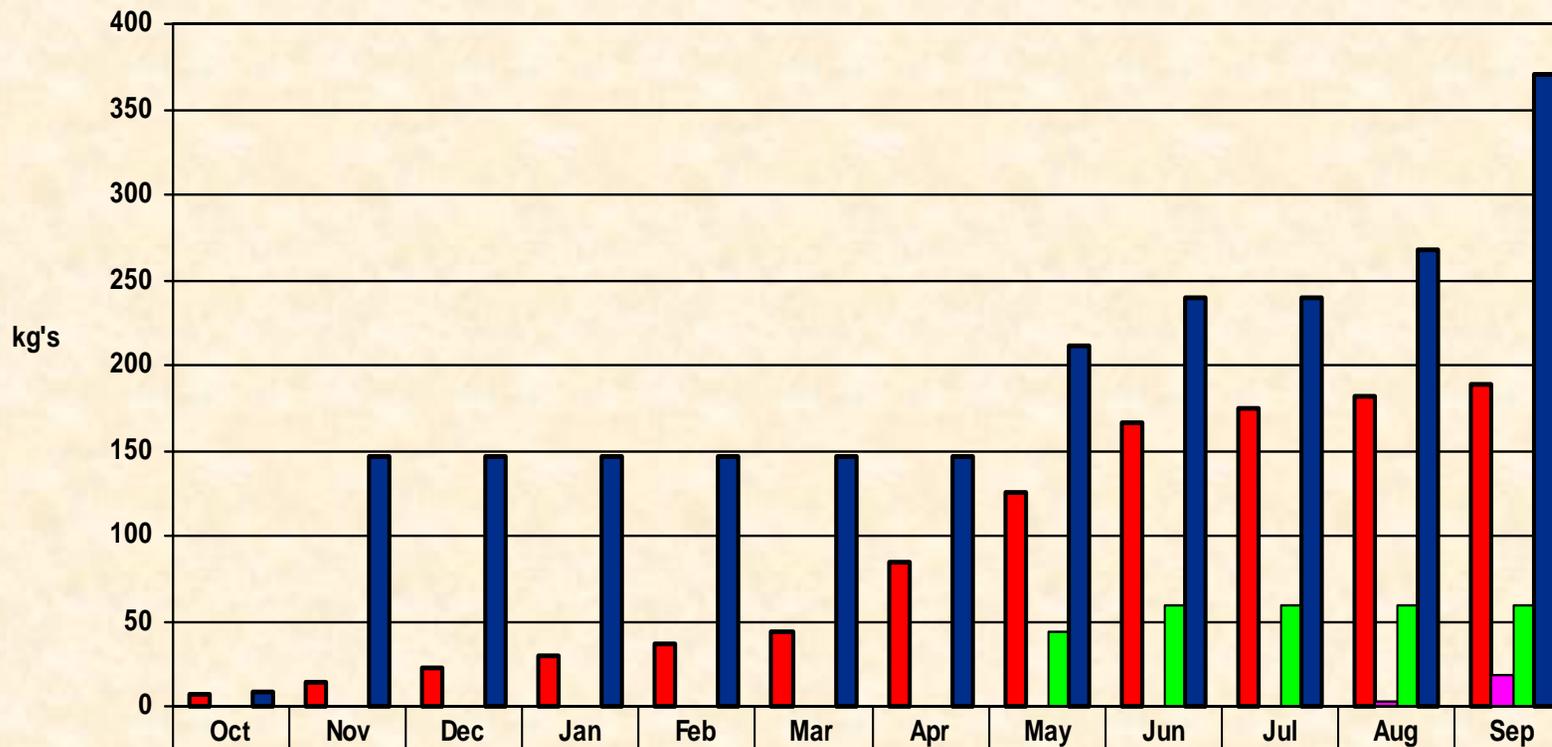


ORNL Laboratory Waste Services Charge Back Cost Performance for X072 - Operational Safety Services Division (OSSD)



◆ FY04 Forecast	1	2	3	4.1	5.1	6.4	7.5	8.5	9.8	10.7	11.8	13.3
✱ FY04 Actuals	0.1	0.4	1	1.9	2.1	2.7	4.5	4.7	5.7	7.3	9	12
✕ FY03 Actuals	0.6	4.2	4.7	5	5.1	6.1	8.2	10.6	11.6	12.8	13.3	13.3
■ FY02 Actuals	0.1	7.9	12.1	18.6	19.2	19.6	19.7	21.7	22.7	23	25.1	28.3

ORNL Laboratory Waste Services Waste Generated X072 - Operational Safety Services Division (OSSD) Hazardous Waste



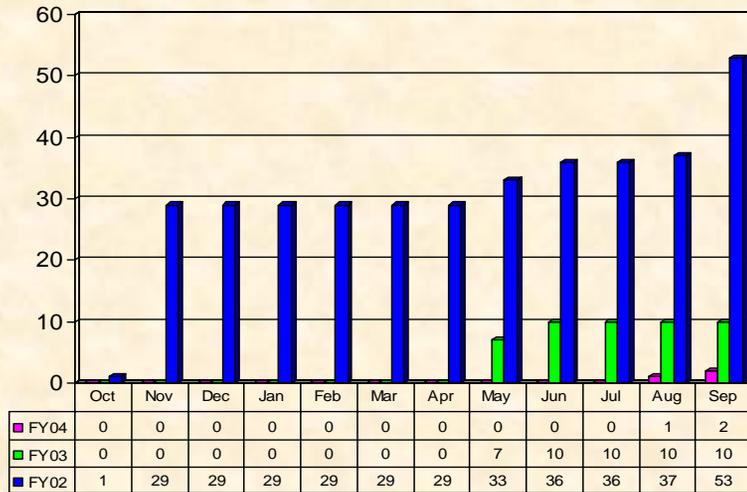
■ FY04 Forecast	7.3	14.6	21.9	29.2	36.5	43.8	84.8	125.8	166.8	174.5	182.2	189.0
■ FY04 Actuals	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	19.0
■ FY03 Actuals	0.0	0.0	0.0	0.0	0.0	0.0	0.0	43.0	59.0	59.0	59.0	59.0
■ FY02 Actuals	8.5	146.8	146.8	146.8	146.8	146.8	146.8	210.9	240.1	240.1	267.6	370.9

NOTE: Actual Waste Generated includes Routine and Non-Routine. FY02, FY03 and FY04 Waste Generated is reported by Division assigning Charge Number (as referenced on 2109). FY02, FY03 and FY04. This change in reporting was made during July and August 2004.

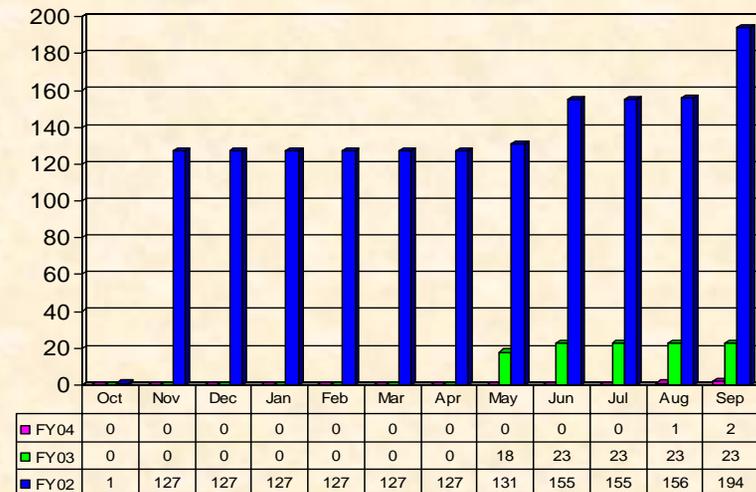
ORNL Laboratory Waste Services Waste Generated

X072 - Operational Safety Services Division (OSSD) Hazardous Waste

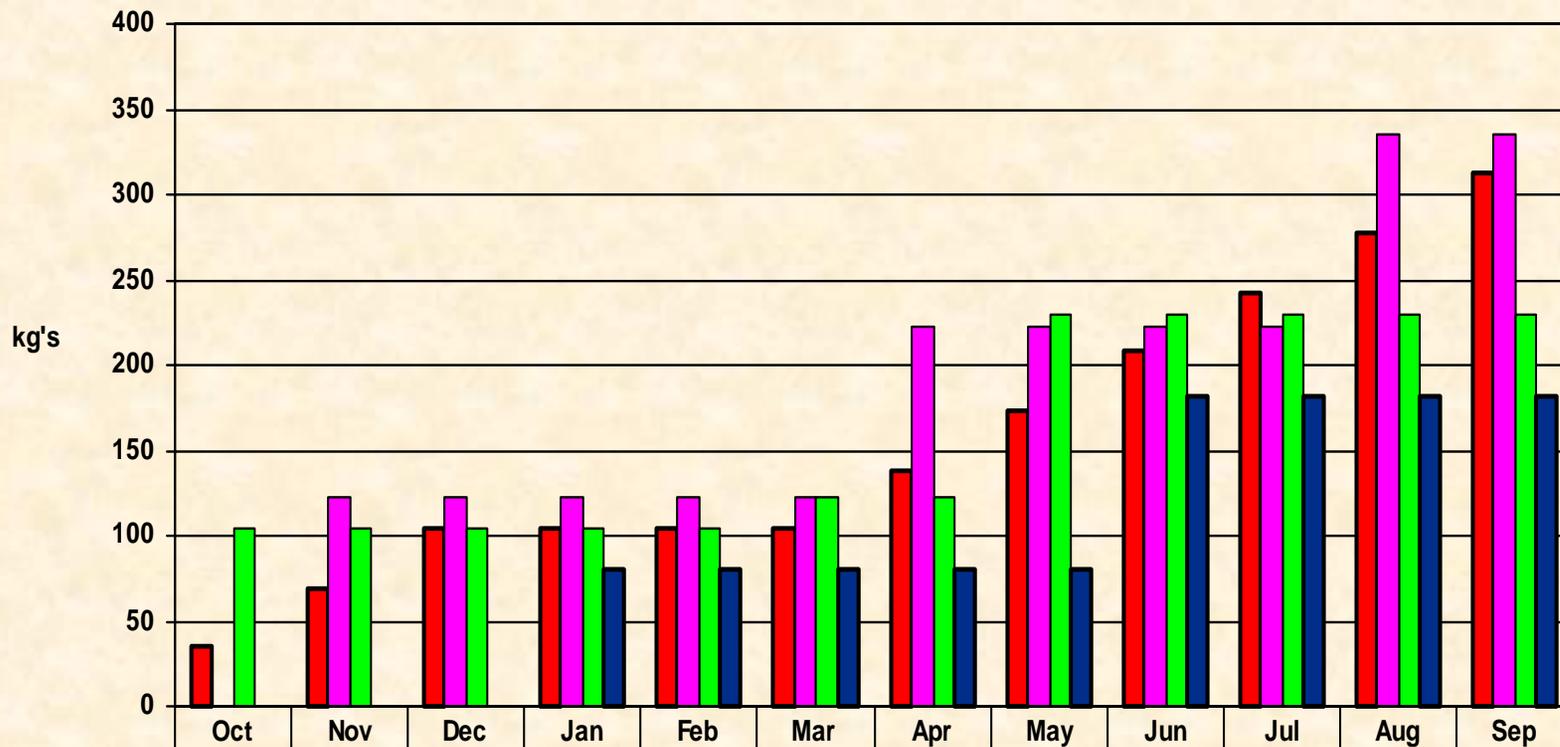
Containers Processed



Items Packed in Containers



ORNL Laboratory Waste Services Waste Generated X072 - Operational Safety Services Division (OSSD) Mixed Waste



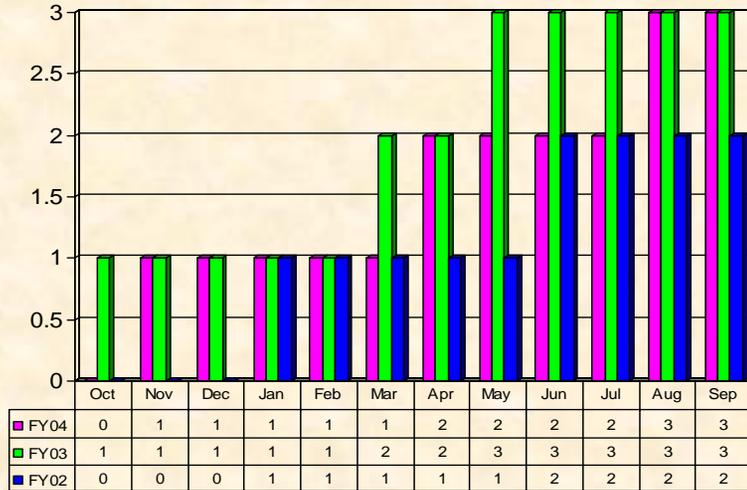
FY04 Forecast	34.7	69.4	104.0	104.0	104.0	104.0	138.7	173.4	208.0	242.7	277.4	312.0
FY04 Actuals	0.0	122.0	122.0	122.0	122.0	122.0	222.0	222.0	222.0	222.0	335.0	335.0
FY03 Actuals	104.0	104.0	104.0	104.0	104.0	122.2	122.2	230.2	230.2	230.2	230.2	230.2
FY02 Actuals	0.0	0.0	0.0	80.0	80.0	80.0	80.0	80.0	182.0	182.0	182.0	182.0

NOTE: Actual Waste Generated includes Routine and Non-Routine. FY02, FY03 and FY04 Waste Generated is reported by Division assigning Charge Number (as referenced on 2109). FY02, FY03 and FY04. This change in reporting was made during July and August 2004.

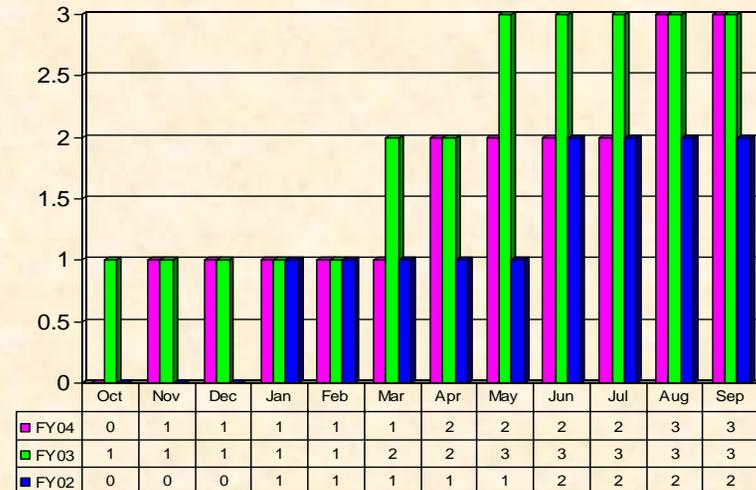
ORNL Laboratory Waste Services Waste Generated

X072 - Operational Safety Services Division (OSSD) Mixed Waste

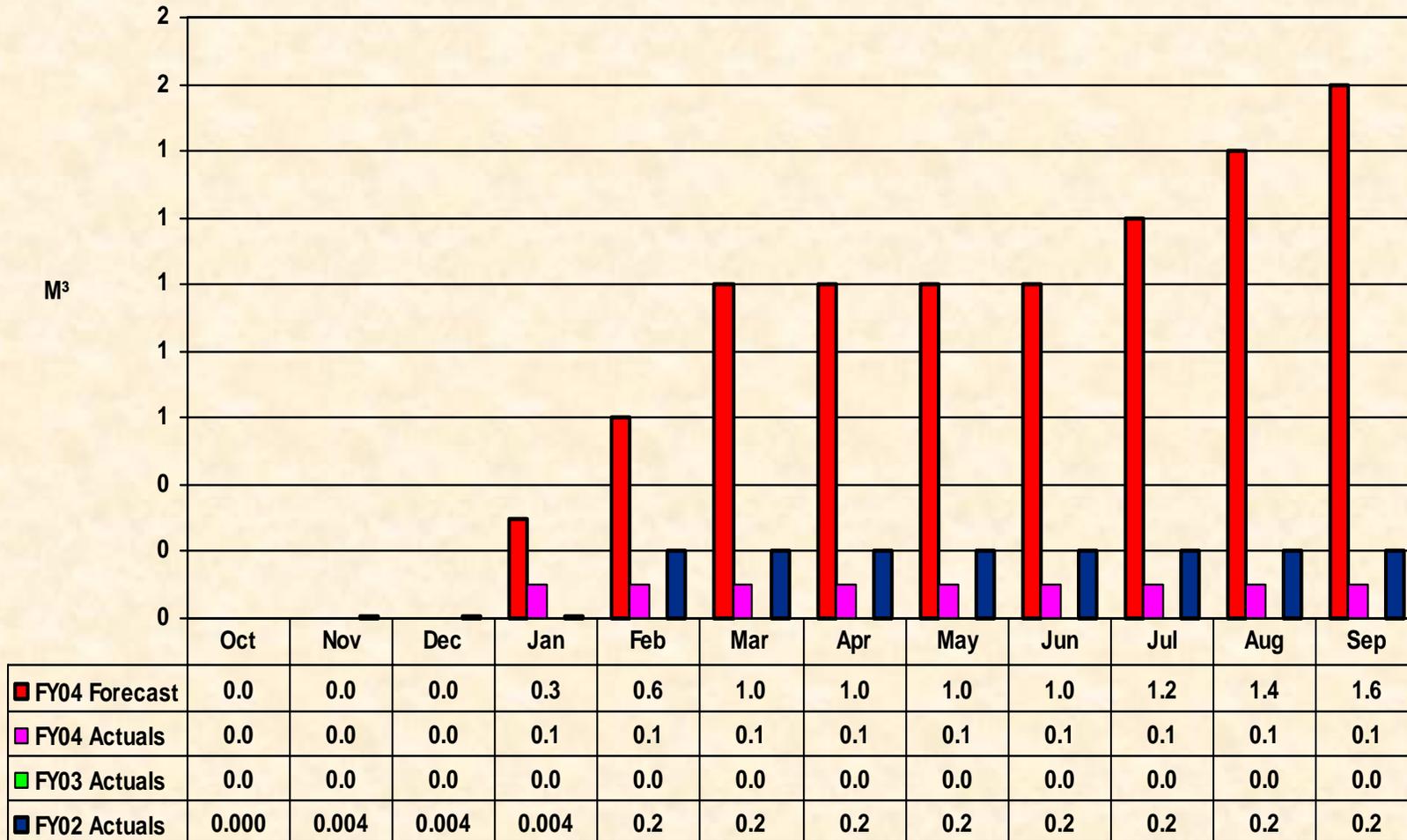
Containers Processed



Items Packed in Containers



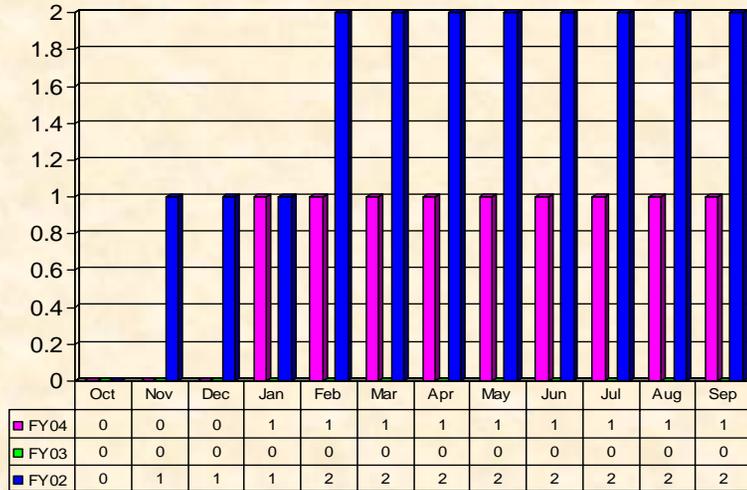
ORNL Laboratory Waste Services Waste Generated X072 - Operational Safety Services Division (OSSD) Low-Level Waste



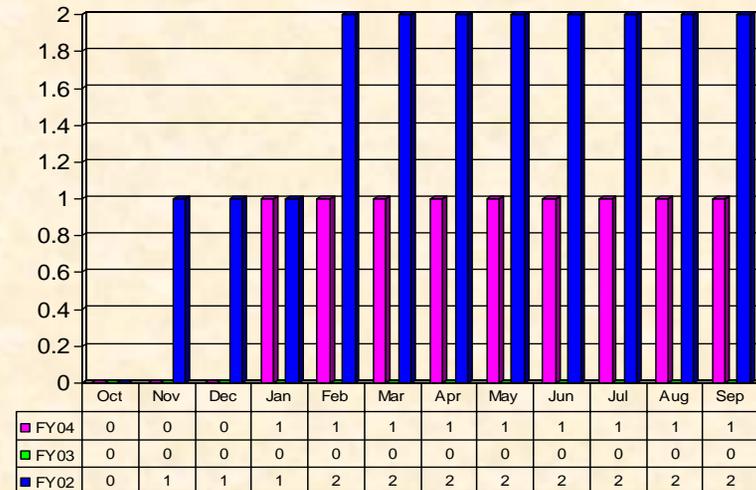
NOTE: Actual Waste Generated includes Routine and Non-Routine. FY02, FY03 and FY04 Waste Generated is reported by Division assigning Charge Number (as referenced on 2109). FY02, FY03 and FY04. This change in reporting was made during July and August 2004.

ORNL Laboratory Waste Services Waste Generated X072 - Operational Safety Services Division (OSSD) Low-Level Waste

Containers Processed



Items Packed in Containers



Waste Generated Detail Report

Wednesday, October 13, 2004

Records Selected: Division = Division assigned Charge Number on 2109 Form (not Division recorded on 2109 Form)

Page 1 of 1

Container	MWP	Origin Location	Generator	Category	Routine / Non-Routine	Description	Quantity	Received	Picked Up	2109 Div.	ChargeNumber
X072											
HAZ											
X10C0402223	HW-01-SC	4500S/E259	B.D. Gonzalez	PRO	R	Used 12 M Hydrochloric Acid (200 ML), Ammonium Hydroxide (300 ML), and Water with 31.9-PPM Chromium, See Attached LogSheet	16.000 kg	9/7/2004		X072	3X72DG1C
X10C0400634	HW-01-SC	4500S/G263	B.D. Gonzalez	PRO	R	Excess J.T. Baker Collodion, See Attached LogSheet	3.000 kg	8/2/2004	9/16/2004	X072	3X72DG1C
						Total HAZ	19.000 kg				
LLW											
X10C0300111	L-090	4500S/E259	B.D. Gonzalez	PRO	R	Used Dry Resin Generated During the Ion-Exchange Separation of Alpha Emitters From Bioassay Samples; The Resin was Dried After Being Used; Therefore, There is no reason to expect any Moisture to be Released From the Waste.	0.114 m3	1/12/2004	8/17/2004	X072	3X72DG1C
						Total LLW	0.114 m3				
MIXED											
X10C0401706	MW-014	4500S/E259	B.D. Gonzalez	PRO	R	Excess Mixture of Nitric Acid (RECID 00275, BAKER, 6/98) and Methanol (RECID 00318, EM, 1/00)	113.000 kg	8/2/2004		X072	3X72DG1C
X10C0303236	MW-014	4500S/E259	B.D. Gonzalez	PRO	R	Excess Mixture of Nitric Acid (RECID 00275, Baker, 6/98) and Mechanol (RECID 00318, EM, 1/00)	100.000 kg	4/14/2004	7/9/2004	X072	3X72DG1C
X10C0011358	MW-014	4500S/E259	B.D. Bonzalez	PRO	R	Excess Mixture of Nitric Acid (RECID 00275, Baker, 6/98) and Methanol (REDC 00318, EM, 1/00)	122.000 kg	11/25/2003	2/17/2004	X072	3X72DG1C
						Total MIXED	335.000 kg				