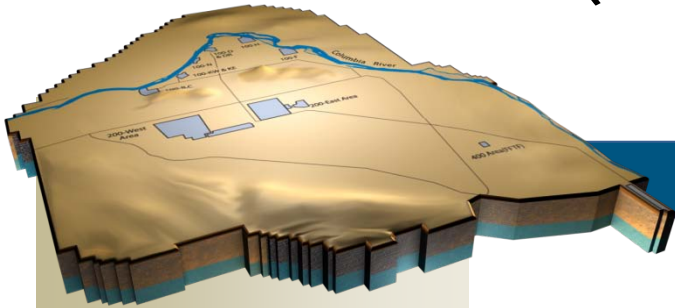


Section C

Solid Waste Stabilization and Disposition (RL-0013)



Monthly Performance Report

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September 2010
DOE/RL-2008-69, Rev. 36
Contract DE-AC06-08RL14788
Deliverable C.3.1.3.1 - 1



Super Type A container to support CH2M HILL's shipment of waste



Box 33 Removal



Culvert Removal

Waste Retrieval Project

PROJECT SUMMARY

The Waste and Fuels Management Project (WFMP) focused on delivering safe, compliant performance.

American Recovery and Reinvestment Act (ARRA)

Weekly and monthly Recovery Act Reporting continued. TRU Program shipped 25 m³ transuranic mixed (TRUM) waste to Perma-Fix Northwest (PFNW). Mixed/Low Level Waste: M-91-42 – shipped 18.6 m³ and completed 1.2 m³ during the month, M-91-44 TPA – shipped 60 m³ and completed 74 m³ during the month. TRU Retrieval removed and shipped Trench 17 Boxes 81, 1, and 2 (54.4 m³ each) to Central Waste Complex (CWC), excavated and removed three contact handled (CH) containers (101 m³) and four remote handled (RH) containers (17.7 m³) from 3A Trench 8, and over-packed and shipped four previously retrieved 4B Trench 11 containers (12.5 m³) to CWC and PFNW. Next Generation Retrieval (NGR) validated the ANTECH Mobile Passive/Active Neutron (PAN) Assay Trailer and completed Drum Venting Station (DVS2) operating procedures. TRU Repackaging processed 76 parent drums – created 78 offspring drums; generated five drums from glovebag change outs; compacted 151 empty parent drums, and generated 25 full puck drums. TRU Programs: Non Destructive Examination: 578 drums, Non Destructive Assay: 647 drums; TRU Disposition continued TRU Waste Shipments to Idaho – seven shipments, and shipments to the Waste Isolation Pilot Plant (WIPP) – four shipments; continued interface with CCP for the remaining Hanford certified backlog, all but six drums assigned to SWB build list and the balance to be repacked and processed in the CCP process.

Base

The WFMP continued maintaining facilities in a safe and compliant condition. Waste Encapsulation and Storage Facility (WESF) issued Project Execution Plan for K1 & K3 heating, ventilation, and air conditioning upgrades and issued the Alternative Analysis for review. Canister Storage Building (CSB)/Interim Storage Area (ISA) completed relocation of Multi-Canister Overpack (MCO) H-006 to storage vault using the MCO Handling Machine (MHM). T-Plant shipped 113 containers from T Plant and received 93 containers to T-Plant. Central Waste Complex (CWC) shipped 15 on-site transfers (355 containers), received 21 on-site transfers (493) containers, received two offsite shipments (114) containers, and shipped nine offsite shipments (34 containers). Low-level burial grounds (LLBG) Mixed Waste Trench (MWT) – Received 5 shipments, 17 containers, MWT – Shipped 5 leachate tankers to Effluent Treatment Facility (ETF). Liquid Effluent Facilities (LEF) received 43 tankers (40k gallons). Slightly Irradiated Fuel (SIF) completed required crane operator training and turnover of the Lampson Manitowoc 999 crane lease from Mission Support Alliance (MSA) to Grant Construction to support Phase II construction of the Container Restraint System (CRS).

EMS Objectives and Target Status

Objective #	Objective	Target	Due Date	Status
09-EMS-WFM-OB1-T1	Reduce the potential for releases from TRU Retrieval Waste repackaging activities in the LLBG.	Implement a point-of-generation approach to waste management that minimized the transport and handling of wastes.	10/1/2011	On schedule
		No exceedances of permit conditions. Participate in readiness assessment and establish process to confirm permit levels have been met.	9/30/2010	Complete
10-EMS-WFM-OB2-T1	Reduce the levels of air pollution and increase the energy efficiency of WESF Plant heating and cooling operations.	Eliminate the use of the refrigerant R22.	2/26/2010	Complete
		Inactivate the fuel oil fired steam plant and replace with heat recovery chiller and electrical resistance heaters.	2/26/2010	Complete
10-EMS-WFM-OB3-T1	Reduce the generation of waste through implementation of pollution prevention practices.	Conduct a pollution prevention assessment of waste packaging and other operations at T-Plant to identify waste minimization opportunities.	9/30/2010	Complete

TARGET ZERO PERFORMANCE

	Current Month	Rolling 12 Month	Comment
Days Away, Restricted or Transferred	0	5	N/A
Total Recordable Injuries	2	9	<p>9/14/10 – An M&EC employee at T Plant lost their balance in doing so, the employee's left arm contacted the corner edging of the filter bank housing, causing a laceration. The employee was escorted to AMH where they received sutures for the laceration. (21316)</p> <p>9/15/10 – An M&EC employee was performing maintenance activities at the 2405-W building and noticed that their left eye was itchy, possibly from dust. The employee was escorted to AMH where they received prescription medication for the eye. Employee was returned to work with no restrictions. (21317)</p>
First Aid Cases	9	95	<p>9/2/10 – An MSA employee at MO743 reported an ongoing cough. Employee was taken to AdvanceMed Hanford (AMH), evaluated, and returned to work with no restrictions. (21283)</p> <p>9/7/10 – An employee at 218W31 reported that while stepping out of a vehicle (3/4 ton utility truck) their foot slipped off of the step rung and they came down on it wrong twisting the left ankle, Employee was taken to AMH, evaluated, and returned to work with no restrictions. (21289)</p>

	Current Month	Rolling 12 Month	Comment
			<p>9/9/10 – M&EC employee was stung around back of neck. Employee was taken to AMH, evaluated, and was returned to work with no restrictions. (21298)</p> <p>9/14/10 – Employee assisting in an outdoor drill activity at 2025EA was affected by heat exposure. The employee was escorted to AMH, was evaluated, and returned to work with no restrictions. (21315)</p> <p>9/15/10 – Employee noted a large bruise on their left arm from where blood was drawn for an AMH physical. Employee returned to AMH, was evaluated, and was returned to work with no restrictions. (21326)</p> <p>9/20/10 – NCO at 2025E, was working on the acid berm to tighten a flange and remove two acid guards when they received a drip of unknown liquid on their forehead. Employee showered then went to AMH, was evaluated and was returned to work with no restrictions. (21331)</p> <p>9/23/10 – An M&EC employee was trying to climb into a 1-ton pick-up truck on passenger side when they lost balance and began to slide back off the seat. Employee grabbed the windshield handle and strained their arm. Employee was evaluated at AMH and was returned to work with no restrictions. (21343)</p> <p>9/27/10 – An M&EC employee was moving a bucket of "rad boundary" chain from 12B to MO760. Employee did not notice the bucket was damaged and cut their left arm. Employee was taken to AMH, treated and returned to work without restriction. (21356)</p> <p>9/28/10 – An M&EC employee at 221-T was working outside support when they noticed the swelling/itching of his face/eyes and reported to their supervisor. Employee was evaluated at AMH, received OTC medication, and was returned to work with no restrictions. (21362)</p>
Near-Misses	0	0	N/A

KEY ACCOMPLISHMENTS

ARRA

13.01 Project Management

- Completed weekly and monthly ARRA reporting
- Continued Project Management support for fast track projects

13.02 Mixed Low Level Waste (MLLW) Treatment

- Shipped the "Hexone" box from the Energy Solutions (ES)-Clive Site to PFNW where it will be treated to meet Hanford's disposal requirements
- Shipped four 50-plus year old radiologically contaminated acetylene bottles from U-Plant to a processor in Tennessee
- M-91-42 Tri-Party Agreement (TPA) – Small Container contact handled (CH) MLLW
 - Total for month: 18.6 m³ shipped and 1.2 m³ completed
 - Since January 2003: 8,238 m³ shipped and 8,192 m³ completed

- M-91-43 TPA – Remote handled (RH) & Large Container MLLW
 - Total for month: 0 m³ shipped and 0 m³ completed
 - Since January 2003: 731 m³ shipped and 711 m³ completed
- M-91-44 TPA – Large Container TRUM Repackaging
 - Total for month: 60 m³ shipped and 74 m³ completed
 - Accumulated total: 109 m³ shipped and 89 m³ completed

13.04 TRU Retrieval

- Removed and shipped Trench 17 Boxes 81, 1, and 2 (54.4 m³ each) to Central Waste Complex (CWC)
- Excavated and removed three contact handled (CH) containers (101 m³) and four remote handled (RH) containers (17.7 m³) from 3A Trench 8
- Over-packed and shipped four previously retrieved 4B Trench 11 containers (12.5 m³) to CWC (3) and Perma-Fix Northwest (PFNW) (1)
- Performed integrity test on Trench 17 Box 12; box integrity passed which allows removal plans to proceed
- Completed assay of the repackaged contents of Trench 17 Box 82 at CWC
- Shipped four secondary waste containers to PFNW
- Completed 4B Trench 11 initial sub-surface survey
- Next Generation Retrieval (NGR)
 - Validated the ANTECH Mobile Passive/Active Neutron (PAN) Assay Trailer, Retrieval and Drum Venting Station (DVS2) operating procedures
 - Validated and approved Gamma Assay operating procedure
 - Completed the Automated Job Hazard Analysis (AJHA) for the DVS2 Operating procedure
 - Completed retrieval and excavation procedures which are now approval ready pending decision if a Hazard Review Board (HRB) meeting will be required
 - Completed Real-Time Radiography (RTR) System conveyor alignment and resumed the acceptance/operational testing of the system

13.05 TRU Repackaging

- Shipped greater than 25 m³ transuranic mixed (TRUM) waste to Perma-Fix Northwest (PFNW) for repackaging
 - Initiated Non-destructive assay (NDA) of the repackaged containers at PFNW
 - Confirmed the first TRU/M “repacked” waste packages originating from the Large Container TRU/M activity
- Processed 76 parent drums – created 78 offspring drums
- Generated five drums from glovebag change outs
- Compacted 151 empty parent drums – generated 25 full puck drums

13.06 Waste Receiving and Processing Facility (WRAP)

- NDE: 578 drums (398 for CCP)
- NDA: 647 drums (353 for CCP)
- Received 51 TRU drums from the Plutonium Finishing Plant (PFP)
- Management Directive (MD) on source shipments reworked and in final review
- Continued Headspace and Flam Gas Sampling (361) in support of CCP
- Continuing High-Efficiency Neutron Counter (Super HENC) operations, including walk-downs, new procedure validations, and initiation of Non-WIPP standard waste box (SWB) assays
- Successfully completed a full-up emergency action level drill
- Successfully executed two recovery plans to contain, decontaminate and mitigate damaged/contaminated waste drum in 2404WB
- Continuing infrastructure project for High Energy Real-Time Radiography (HERTR) assembly

13.14 Solid Waste Base Operations

- Readied the Super-7A Overpack for service (loaded base on transporter and performed dry-run on cover closure)

13.15 TRU Disposition

- Continued TRU Waste Shipments to Idaho: Current Month total - Seven, Total to date - 38
- Shipments to the WIPP: Current Month total - Four, Total to date - 53
- Continued interface with CCP for the remaining Hanford certified backlog
 - All but six drums assigned to SWB build list
 - Balance to be repacked and processed in the CCP process
- Supported Large Box Pilot Project at Perma-Fix
- RH/CH Interface
 - Initiated planning and communication with Operations and Support organizations to develop a Rough Order of Magnitude cost and schedule for initiating RH-TRU waste shipment
 - Supported Waste Services for the review of the U Plant, Tank D-10 relocation to T Plant waste profile

Base**13.02 Capsule Storage & Disposition**

- Waste Encapsulation and Storage Facility (WESF)
 - Continue support of roof upgrades
- WESF K1 & K3 Heating, Ventilation, and Air Conditioning Upgrades
 - Project Execution Plan issued
 - Alternative analysis issued for review
 - Preferred alternative essentially replicates existing system with tie in downstream of existing high-efficiency particulate air (HEPA) filter housings
 - Further risk analysis to be performed regarding tie in location and leaving existing filters in place

13.03 Canister Storage Building

- Completed relocation of Multi-Canister Overpack (MCO) H-006 to storage vault using the MCO Handling Machine (MHM)
- Completed annual “Ready to Serve” demonstration activities for MCO cask handling activities
- Continued to support Container Restraint System (CRS) construction activities
- Completed relocation of Interim Storage Casks (ISCs) at the ISA in support of CRS

13.07 Waste Receiving and Processing Facility (WRAP)

- Maintain the facility in a safe and compliant condition

13.08 T Plant

- Shipped 113 containers from T Plant
- Received 93 containers to T Plant
- Elevator Repair
 - Elevator repair was completed this month and returned to full service over two weeks ahead of schedule
- ACT II Filter Replacement
 - The Act-II filter was replaced on September 13 and tested throughout the week, final DOP testing with Vent and Balance group completed September 21 and turned over for facility use on September 22
- 216-Z-9 Repack Campaign
 - Most Z-9 containers fall into the configuration of an unvented 90 mil liner, so Z-9 drums as part of the Justification for Continued Operation (JCO) are in the process of being vented at T

Plant 2706-T Facility, venting will speed up as more venting units are installed into the Act II unit. Processing of Z-9 drums will commence once the JCO has run its course.

- MO-459 Water Line
 - The water has been restored to MO-459 (women's change trailer), construction services had to cut asphalt, dig down to find the leak, repair broken joint, test the water, then backfill and replace the asphalt

13.09 Central Waste Complex (CWC)

- Shipped nine offsite shipments, 114 containers
- Shipped 15 on-site transfers, 355 containers
- Received 21 on-site transfers, 493 containers
- Received two offsite shipments, 114 containers
- LLBG
 - Mixed Waste Trench (MWT) – Received five offsite shipments, 17 containers
 - MWT – Shipped five leachate tankers to Effluent Treatment Facility (ETF)
- Completed transuranic (TRU) Retrieval Support: Medium Box Repair-Construction completed placement of covers, five total, on medium damaged boxes
- Shipped third and final low flash point unit from CWC to ERDF
- Super 7A box: Received final tie down approvals from transportation for inclusion into work package. Procured and received hardware to support tie down instructions to secure base to platform. Configured Terex trailer to accept Super 7A box base to trailer and tied down base to trailer. Dry-run to secure top to base scheduled for October 4, Perma-Fix invited to attend. First shipment scheduled for October 7.
- Fire Systems: All fire system issues noted above were properly entered and logged in accordance with fire hazards analysis (FHA)/Master Documented Safety Analysis (MDSA) requirements

13.11 Liquid Effluent Facilities (LEF)

- Received (September) 42 tankers (40k gallons)
- Treated effluent to State-Approved Land Disposal Site: 0.5M gallons; (CY 12.7M gallons)
- 200A Treated Effluent Disposal Facility (TEDF) discharged 114M; (CY 289M gallons)
- Received Environmental Restoration Disposal Facility (ERDF) leachate (158k gallons) at Liquid Effluent Retention Facility (LERF) Basin 43
- Shipped 20 drums of waste to the ERDF
- Transferred 40 drums to Sump #1 for processing through the evaporator
- Supported Washington River Protection Solutions, LLC, for two campaigns of 242-A Evaporator waste reduction
- Received 16 drums of Waste Sampling and Characterization Facility wastewater
- Completed Basin 44 Campaign (processed 2.9M gallons)
- Initiated Basin 43 Campaign (processed 100k gallons)
- 300 Area Facilities
 - Transferred ownership of 310 and 340 facilities as well as MO-744 and MO-443 to Washington Closure Hanford, LLC
 - Continued operations of the Retention Transfer System (RTS); 21 batches (634k gallons) discharged to City of Richland
 - Continued RTS training for nuclear chemical operators and shift operations managers

13.12 Integrated Disposal Facility

- Completed required annual inspections and calibrations

13.16 Off Site Spent Nuclear Fuel (SNF) Disposition

- Slightly Irradiated Fuel (SIF)
 - Initiated Phase II of construction for Project W-105, Interim Storage Cask Pad #3 – Container Restraint System (CRS), after completion of cask transfers to the pad
 - Completed required crane operator training and turnover of the Lampson Manitowoc 999 crane lease from Mission Support Alliance (MSA) to Grant Construction to support Phase II construction
 - Completed tacking of lower seismic restraints and capture frame assemblies into position at the CRS and initiated welding into place
 - Initiated mobilization of resources to form concrete around the metal columns at the CRS

13.21 Mixed Waste Disposal Trenches

- Maintained the trenches in a safe and compliant condition

MAJOR ISSUES

Issue – Avoid falling behind recovery plan to retrieve 2,500m³ by September 30, 2011.

Status – Achieved Recovery Plan volume as of September 30, 2010 (805m³ removed, 697 m³ shipped). Recovery schedule supports TPA tentative agreement of 2,000m³ by September 30, 2011. A FY 2011 volume forecast will be established in October.

Issue – Reaching TRU characterization goals of 90 per week with CCP.







Status – Executing recovery plan with CCP for NDE/NDA schedule variance. In addition, TRU Corporate Board is likely to delay increase in number of weekly shipments thus reducing required feed stock.















Issue – EPA Baseline Report for CCP Certification submitted in September allowing full implementation of CCP Certification Program at Hanford.

Status – CCP Certification letter expected in December.

RISK MANAGEMENT STATUS

Unassigned Risk
Risk Passed
New Risk

 Working - No Concerns
 Working - Concern
 Working - Critical
 Increased Confidence
 No Change
 Decreased Confidence

Risk Title	Risk Strategy/Handling	Assessment		Comments
		Month	Trend	
WSD-007: TRU Retrieval Complexities	Accelerate "next generation" retrieval			Significant container degradation encountered; Draw down of MR implemented
WSD-008: Classified Waste Storage Limitations	Implement mobile shredding; evaluate establishing secure storage at CWC or other location			Questionable mobile shredding feasibility, working with NNSA to define path forward
WSD-013A: TRU Waste Volumes or Characteristics - Retrieval	Implement in-trench assaying as part of Next Generation retrieval; develop and refine techniques, tools, documentation, and materials needed to address deteriorated containers.			Encountering issues regarding unexpected waste characteristics
WSD-013B: TRU Waste Volumes or Characteristics - Processing	Use ARRA funds to add additional process lines			No issues regarding unexpected waste volumes or characteristics experienced to date
WSD-018: CSB Major Equipment Failure	Risk accepted without mitigation			Risk is very unlikely.
WSD-025: Unexpected Waste Volumes/Characteristics	Work with generators to update forecasting data monthly/quarterly/semi-annually			Waste volumes to ERDF significantly greater than projected due to ARRA work acceleration
WSD-043: Orphan Wastes	Obtain regulatory relief for "no path forward" wastes			Working to identify treatment options for all waste currently in storage

PROJECT BASELINE PERFORMANCE

Current Month

(\$M)

WBS 013/RL-0013 Waste and Fuels Management Project	Budgeted Cost of Work Scheduled	Budgeted Cost of Work Performed	Actual Cost of Work Performed	Schedule Variance (\$)	Schedule Variance (%)	Cost Variance (\$)	Cost Variance (%)
MLLW Treatment	-1.3	0.6	1.2	1.9	-150.2	(0.6)	-91.2
TRU Waste	8.5	17.7	12.6	9.2	108.6	5.1	29.0
ARRA Total	7.2	18.3	13.8	11.1	154.2	4.6	24.9
Base	<u>9.8</u>	<u>10.0</u>	<u>11.7</u>	<u>0.2</u>	1.6	<u>(1.7)</u>	-17.3
Total	17.0	28.3	25.5	11.3	66.3	2.8	10.0

Numbers are rounded to the nearest \$0.1M.

ARRA

CM Schedule Performance (+\$11.1M/+154.2%)

RL-0013 MLLW Treatment (+\$1.9M/-150%) – Mixed Low Level waste realigned activities to correspond with Retrieval Project quantities and new feed stream from Large/RH Repack, coupled with arrival of ERDF forklift scheduled for prior time period.

RL-0013 TRU Waste (+\$9.2M/+108.6%) – TRU Retrieval recovered prior period retrieval volumes, coupled with rephasing of TFPS, TFRCS and Site Prep Phase I to align with vendor availability and revised execution strategy, partially offset by T-Plant Repack operations delay due to recovery actions for drum lid issue.

CM Cost Performance (+\$4.6M/+24.9%)

RL-0013 MLLW Treatment (-\$0.6M/-91.2%) – Mixed Low Level Waste Treatment incurred higher subcontractor costs, coupled with overstatement of prior months' performance for Large A Type container procurement.

RL-0013 TRU Waste (+\$5.1M/+29.0%) – TRU Retrieval's significant recovery of schedule without a commensurate increase in resources, adjustment in TRU Characterization and Shipping performance (due to understatement in previous month) without corresponding cost increase, and lower than planned costs in RH/Large packaging for waste size reduction and repackaging services.

Base

CM Schedule Performance (+\$0.2M/+1.6%) – Next Gen CH TRU Retrieval performance was overstated due to a system issue (will be corrected next reporting period). WESF Ventilation upgrades recovered schedule on pre-conceptual design activities.

CM Cost Performance (-\$1.7M/-17.3%) – Assessments continue above plan, Long-Term Box Storage (LTBS) incurred overtime and subcontractor costs due to weather related impacts, partially offset by efficiencies in Liquid Effluent Facilities (LEF).

Contract-to-Date (CTD) (\$M)

WBS 013/ RL-0013 Waste and Fuels Management Project	Budgeted Cost of Work Scheduled	Budgeted Cost of Work Performed	Actual Cost of Work Performed	Schedule Variance (\$)	Schedule Variance (%)	Cost Variance (\$)	Cost Variance (%)	Budget at Completion (BAC)	Estimate at Completion (EAC)	Variance at Completion (VAC)
MLLW Treatment	32.0	31.9	30.0	(0.1)	-0.3	2.0	6.2	47.9	46.3	1.6
TRU Waste	118.2	114.7	115.2	(3.5)	-2.9	(0.6)	-0.5	250.5	246.9	3.6
ARRA Total	150.2	146.6	145.2	(3.6)	-2.4	1.4	1.0	298.3	293.2	5.1
Base	<u>237.6</u>	<u>235.6</u>	<u>239.5</u>	<u>(2.0)</u>	<u>-0.9</u>	<u>(3.9)</u>	<u>-1.7</u>	<u>1,575.0</u>	<u>1,565.1</u>	<u>9.9</u>
Total	387.8	382.2	384.7	(5.6)	-1.4	(2.5)	-0.7	1,873.3	1,858.3	15.0

Numbers are rounded to the nearest \$0.1M.

ARRA

CTD Schedule Performance (-\$3.6M/-2.4%)

RL-0013 MLLW Treatment (-\$0.1M/-0.3%) – Delay in shipment to offsite treatment facility utilizing Large Type A container, partially offset by Mixed Low Level Waste 435.1 compliance activities (acceleration of FY11 scope).

RL-0013 TRU Waste (-\$3.5M/-2.9%) – Delay in full Central Characterization Program (CCP) implementation and lack of CCP resources for non-destructive examinations (NDE), Next Generation Readiness activities, and TRU Repackaging delays associated with drum venting recovery activities.

CTD Cost Performance (+\$1.4M/+1.0%)

RL-0013 MLLW Treatment (+\$2.0M/+6.2%) – Mixed Low Level Waste costs below plan due to efficiencies created by treating waste at Energy Solutions (ES)-Clive rather than planned treatment at Perma-Fix Northwest (PFNW) due to a waiver received from the Department of Energy (DOE), decreased operational costs at CWC, and efficiencies in Mixed Waste Disposal Trenches and Large Type A shipments.

RL-0013 TRU Waste (-\$0.6M/-0.5%) – Increased TRU Retrieval operational costs associated with upset conditions and TRU Retrieval support and management costs in support of deteriorated waste containers, increased allocations for additional office space and other assessments as a result of increased Recovery Act expenditures, partially offset by lower ramp up and training costs for TRU Characterization and Shipping, and efficiencies at T-Plant and TRU Repackaging.

Base

CTD Schedule Performance (-\$2.0M/-0.9%) – LTBS delayed by polyurea Readiness Assessment review and alternative solutions evaluation, Canister Storage Building (CSB) and Liquid Effluent Facilities (LEF) engineering activities delayed due to resource availability (assigned to higher priority activities), and WESF Roof Upgrades delay for enhanced Plateau Remediation Contract (PRC) Safety practices and work management requirements.

CTD Cost Performance (-\$3.9M/-1.7%) – Increased assessments above plan, TRU Retrieval additional resources to deal with the deteriorated containers, Waste Receiving and Processing (WRAP) Facility incurring increased levels of corrective and preventive maintenance activities as a result of repack operations, partially offset by efficiencies in LEF, MLLW (due to treating waste at ES-Clive rather than planned treatment at PFNW), and TRU Disposition.

Contract Performance Report Formats are provided in Appendix A and Appendix A-1.

FUNDS vs. SPENDING (\$M)

WBS 013/RL-0013 Waste and Fuels Management Project	FY2010		
	Funding	Actual Spending	Spend Variance
ARRA	129.0	125.6	3.4
Base	<u>109.8</u>	<u>102.4</u>	<u>7.4</u>
Total	238.8	228.0	10.8

Numbers are rounded to the nearest \$0.1M.

Funds/Variance Analysis

Funding includes FY2009 carryover and FY2010 new budget authority.

Critical Path Schedule

Critical path analysis can be provided upon request.

Estimate at Completion (EAC)

The BAC and EAC now include FY2009 through FY2018.

Baseline Change Requests

BCRA-013-10-013R0, Expense to Capital for Storage Tent at CSB
 BCR-R13-10-006R0, Rephasing Procurement of TFPS
 BCR-R13-10-007R0, TFRC System Site Preparation Re-plan
 BCR-PRC-10-057R0, MLLW Treatment Alignment
 BCR-PRC-10-053R0, PRC Baseline, Revision 2 Update
 BCRA-PRC-10-060R0, General Administrative Changes for FY 2010 Year End

MILESTONE STATUS

Tri-Party Agreement milestones represent significant events in project execution. RL Enforceable Agreement milestones were established to provide high-level visibility to critical deliverables and specific status on the accomplishment of these key events. The PRC Baseline Revision 2, submitted in January, defines CHPRC planning with respect to TPA milestones. The following table is a one year look ahead of key milestones.

Number	Title	Type	Due Date	Actual Date	Forecast Date	Status/ Comment
M-091-40G-T02	Retrieve CH-RSW 10,700 Cubic Meters (Cumulative)	TPA	9/30/10			Deleted by change package approved 9/15/10
M-091-42J-T02	Treat 200 Cubic Meters of CH TRUM by 9/30/10	TPA	9/30/10			Deleted by change package approved 9/15/10

Number	Title	Type	Due Date	Actual Date	Forecast Date	Status/ Comment
P-091-44Z-001	Minimum Annual Project Manager Meeting Notification of Certification of CH/RH TRUM	TPA	12/31/10			On Schedule. Added by change package approved 9/15/10.
M-091-41-T01	Initiate Full-Scale Retrieval of RH RSW	TPA	1/01/11		N/A	Deleted by change package approved 9/15/10
C-026-07F	Tritium Treatment Technology Developments to Ecology and EPA	TPA (commitment)	3/31/11			On Schedule
M-091-03E	Submit Annual Revision of TRUM and MLLW PMP to Ecology	TPA	6/30/11			On Schedule
M-091-03D-02	Submit Revision of PMP for Disposition of No-Path-Forward Waste	TPA	6/30/11			On Schedule
M-091-40T	Retrieve 2,000 Cubic Meters of CH RSW	TPA	9/30/11			On Schedule
M-091-46A	Certify 850 Cubic Meters of Small Container CH TRUM Waste	TPA	9/30/11			On Schedule
M-091-46G	Complete Offsite Shipment of 1,000 Cubic Meters of Small container CH TRUM	TPA	9/30/11			On Schedule

SELF-PERFORMED WORK

The Section H. clause entitled, Self-Performed Work, is addressed in the Monthly Report Overview.

GOVERNMENT FURNISHED SERVICES AND INFORMATION (GFS/I)

Contract Section	Project	GFS/I	Status
CONTRACT			
J.12/C.2.3.6	PBS-13, Transuranic Waste Certification	WIPP provides shipping resources and manages the schedule for transportation of these containers to WIPP. The schedule is variable and the number of shipments is controlled by DOE-HQ on a complex-wide priority. Cost for shipment of TRU waste offsite is borne by the CBFO.	Ongoing