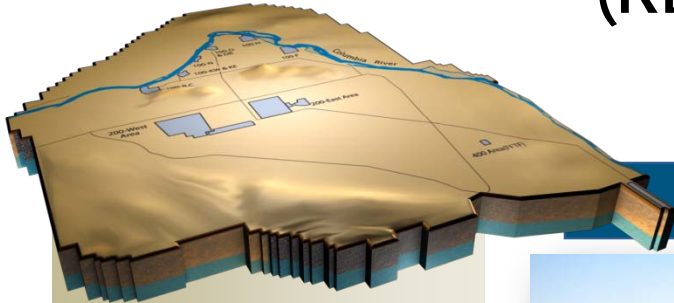


Section C

Solid Waste Stabilization and Disposition (RL-0013)



Monthly Performance Report

L.T. Blackford
Vice President and
Project Manager for
Waste and Fuels
Management Project



**WESF
Upper Roof
Upgrades**

**Waste Retrieval: 3A
Trench 17 Box 80
Removal**



May 2011
CHPRC-2011-05, Rev. 0
Contract DE-AC06-08RL14788
Deliverable C.3.1.3.1 - 1



**Shipment to
Perma-Fix
Northwest**

PROJECT SUMMARY

The Waste & Fuels Management Project (W&FMP) focused on delivering safe, compliant performance.

American Recovery and Reinvestment Act (ARRA)

Work is nearing completion on a “middle-ware” utility to provide an accessible, user friendly and comprehensive interface for waste inventory, forecast, and reporting data. Mixed/Low Level Waste (MLLW): M-91-42 /435.1– shipped 21 cubic meters (m³) to processing, (1,172 m³ total under ARRA) and completed 35 m³ during the month (1,039 m³ total under ARRA); M-91-43 – shipped 152 m³ to processing (386 m³ total under ARRA) and completed 10 m³ during the month (141 m³ total under ARRA).

Transuranic (TRU) Retrieval removed 157 m³ of contact handled (CH)TRU waste from the trenches and shipped 124 m³ of CH TRU waste and 36 m³ of Remote Handled (RH) TRU waste to a Treatment, Storage, and Disposal facility. Next Generation Retrieval (NGR) removed 253 drums (52.6 m³); completed assay of 201 drums (Gamma Assay), one drum (Passive/ Active Neutron [PAN] Assay System), vented 11 TRU drums, and x-rayed two drums in the Real-Time-Radiography (RTR) System. TRU Project completed the Key Performance Parameter (KPP) to repackage 850 m³ of TRU Waste and completed the field work for Tri-Party Agreement (TPA) milestone M-91-40G, Complete Offsite Shipment of 1,000 Cubic Meters of Small container CH Transuranic mixed (TRUM). TRU Repackaging completed repackaging of 78 m³ of TRU waste during the month and TRU Disposition completed 14 TRU-PACT II shipments to the Waste Isolation Pilot Plant (WIPP).

Base

The W&FMP continued maintaining facilities in a safe and compliant condition; Canister Storage Building (CSB) completed annual heating, ventilation and air conditioning (HVAC) air handler maintenance in the operations area.

The Central Waste Complex (CWC) completed 23 on-site shipments/transfers, 649 containers; and received 43 shipments/transfers, 381 containers.

Liquid Effluent Facilities sent 1.9M gallons of treated effluent to the state-approved land disposal site and continued with Basin 43 Processing Campaign (processed 1.9M gallons).

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 low-level burial ground. | Implement a point-of-generation approach to waste management that minimizes 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 Waste Encapsulation and Storage Facility (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 | 1 | 6 | 5/24/11: Employee was digging in trench at awkward angles causing a back strain – restrictions which affected job duties were given. (21992) |
| Total Recordable Injuries | 3 | 13 | 5/3/11: Employee was cutting banding off wood, razor knife blade came off and cut finger thru leather glove – injury resulted in employee receiving stitches. (21943) 5/20/11: Employee was opening a government vehicle door and the edge of the door struck the employee’s face causing a laceration which required stitches. (21981) 5/24/11: Same as above DART case. |
| First Aid Cases | 7 | 118 | 5/5/4/11: Employee was reaching above a container to place a sling, awkward positioning caused a sprain. (21945) 5/11/11: Employee carrying items from the top of the trench to the bottom, leg slid down one side causing the other leg to fully bend resulting in a strain to the knee. (21957) 5/10/11: Employee aggravated shoulder after working all day resulting in a pain complaint. (21968) 5/19/11: Employee lost their depth perception going down stairs, fell forward resulting in an abrasion to face and hand. (21977) 5/23/11: Employee lost footing while walking down slope in trench resulting in a bruise on arm. (21987) 5/24/11: Employee picked up a neutron meter (snoopy) to perform a survey and felt pain in abdomen resulting in a hernia. Employee was given restrictions which did not affect routine job duties. (21989) 5/31/11: Employee stubbed toe going up the stairs resulting in no diagnosed injury. (21998) |
| Near-Misses | 0 | 0 | N/A |

KEY ACCOMPLISHMENTS

ARRA

13.01 Project Management

- Continued Project Management support for high priority projects
- Continued work on a “middle-ware” utility to provide an accessible, user friendly, and comprehensive interface for waste inventory, forecast, and reporting data

13.04 MLLW Treatment

- M-91-42/435.1 MLLW:
 - Shipped 21 m³ to processing (1,172 m³ total under ARRA)
 - Completed 35 m³ (1,039 m³ total under ARRA)
- M-91-43 MLLW:
 - Shipped 152 m³ to processing (386 m³ total under ARRA)
 - Completed 10 m³ (141 m³ total under ARRA)

- MLLW key performance parameter (KPP) to ship 1,800 m³:
 - Shipped 1,645 m³ to date
- Completed the processing of the sodium metal contaminated debris waste at IMPACT Services
 - The deactivated low-level waste (LLW) debris was returned back to Hanford and disposed
- Shipped five large MLLW fiberglass reinforced plywood FRP boxes totaling 167 m³ from the CWC to PFNW utilizing the Super-7A
- Performed a M/LLW non-thermal treatment “milkrun” consisting of four pickup locations at the Hanford Site
- Ramping up shipments of MLLW dropouts from Waste Retrieval Project trench 12B to PFNW
 - Drummed waste is placed into 8' x 4' x 4' Type-7A metal boxes and shipped (up to ten boxes at a time) via flatbed trailer

13.05 TRU Retrieval

- CH-TRU Retrieval Volumes
 - Removed 161 m³ CH-TRU waste from trenches – 1,688 m³ removed to date
 - Retrieved 124 m³ CH-TRU waste (shipped to Treatment, Storage, Disposal Facility) – 1,115 m³ retrieved to date
- TRU Retrieval Activities
 - Excavated and removed 3A Trench 17 Boxes 26, 27 (103 m³) and 80 (43.5 m³), the last box in 3A Trench 17
 - Shipped 3A Trench 17 boxes 16, 17, 19 (39.3 m³) to PFNW
 - Shipped 3A Trench 17 boxes 23, 26 and 27 (157.4 m³) to CWC
 - Shipped 3A Trench 8 CH container (18.6 m³) to PFNW
 - Continued 4B Trench 11 excavation in the west end of the trench to expose remaining remote handled (RH) concrete box, waste containers and metal containers
 - Shipped 4B Trench 11 drum, concrete box, and three overpacked FRPs to PFNW (13 m³)
 - Shipped 4B Trench 11 drum, concrete culvert, and a metal box to CWC (20.1 m³)
 - Removed five metal containers and five miscellaneous debris items (piping, ducting and rails) (6.2 m³)
 - Completed Campaign 75 (last four waste containers assayed)
- Next Generation Retrieval Activities
 - Removed 253 drums (52.6 m³)
 - Continued excavation in 12B: Trench 17 under the weather enclosure, the north end of Trench 17, and in Trench 27; all are available for removal activities
 - Shipped 66 drums (13.7 m³) and three boxes (3.1 m³) in two shipments to PFNW
 - Completed assay of 201 drums (Gamma Assay), one drum (PAN)
 - Vented 11 drums assaying TRU and x-rayed two drums in the Real-Time-Radiography System
 - Loaded and prepared 8' x 4' x 4' waste boxes containing six drums each for shipment to PFNW

13.06 TRU Repackaging

- Completed Key Performance Parameter (KPP) for Repack: 850 m³

- T- Plant Repack
 - Processed 44 parent drums and created 85 offspring drums
 - Generated four drums from glovebag change outs
 - 216-Z-9 Repack Campaign & Equipment
 - Vented eight drums in 2706-T Building
 - Implemented a design change on the outlet chute pivot point of the glovebag assembly to prevent the chute from disengaging. The added redundancy will ensure that the chute will not unexpectedly lower.
 - 90-mil Liner Lid Vent Verification Noncompliance
 - Formal Hold remains in place on processing 55-gallon Z-9 waste, until path for verifying vent hole is complete.
- RH/Large Package Repackaging
 - Size reduction of large-container TRUM waste packages shipped from CWC:
 - 533 m³ shipped to date (471 m³ repackaged to date)
 - Initiated nondestructive analysis (NDA) of the repacked drums and boxes at PFNW
 - 91.7 m³ of MLLW dropout waste generated
 - 107.6 m³ of TRUM waste repackaged
 - Supported Waste Retrieval Project (WRP) Point-of-Generation TRUM Repackaging (200 m³): Shipped 44 m³ from LLBG 3A to PFNW for repackaging (56 m³ shipped to date)

13.07 WRAP

- Nondestructive examination (NDE)
 - 60 drums (42 for Central Characterization Project [CCP])
 - 36 standard waste boxes (SWBs) (34 for CCP)
- Nondestructive Assay (NDA):
 - 122 drums – 31 for CCP
 - Two SWBs (two for CCP)
- Flammable gas analysis sampling: 52 drums
- Received 121 TRU drums and 24 standard waste boxes (SWB) from Plutonium Finishing Plant
- Continued review and approval of the Beryllium Negative Exposure for the Process Area
- Completed installation of new floor scale for SWB weighing operations in 2404WC

13.08 T-Plant

- Received 64 containers at T Plant
- Shipped 173 containers from T Plant
- Continued shipping repack complete and other 55-gallon waste drums to make room for receipt of additional drums for venting and repackaging
- Beryllium Program
 - 100% of T Plant Operations personnel and 100% of T Plant RadCon personnel are cleared Beryllium Workers

13.15 TRU Disposition

- Completed the field work for Tri-Party Agreement (TPA) milestone M-91-40G, Complete Offsite Shipment of 1,000 Cubic Meters of Small container CH TRUM

- Shipments to the WIPP: Current Month total – 14, total WIPP shipments to date – 95
- Continued to support the EPC-supervised subcontractor performing WRAP roof repairs - completed all of 2404WC and 90% of 2336W

Base

13.02 Capsule Storage & Disposition

- Waste Encapsulation and Storage Facility
 - Continued upper roof upgrades
 - Continued pool cell cleaning
 - Continued capsule relocation activities
 - Resumed canyon maintenance activities
 - Completed replacement of MO232 roof

13.03 Canister Storage Building

- Completed ready-to-serve demonstrations on cold Multi-Canister Overpack (MCO) loading and cask preparation
- Completed records documentation procedure review
- Completed annual heating, ventilation and air conditioning (HVAC) air handler maintenance in the operations area
- Initiated annual Rad Vault inspections

13.07 WRAP

- Maintained the facility in a safe and compliant condition

13.09 Central Waste Complex (CWC)

- Shipped 17 on-site transfers, 630 containers
- Shipped six offsite shipments, 19 containers
- Received 25 on-site transfers, 297 containers
- Received 18 offsite shipments, 84 containers
- Completed the quarterly fire systems Performance Measures
- Procured a secondary containment for the temporary storage of the D-10 tank from U Plant

13.11 Liquid Effluent Facilities (LEF)

- Received five tankers (318K gallons)
- Treated effluent to State-Approved Land Disposal Site: 1.9M gallons
- 200A Treated Effluent Disposal Facility discharged 1.4M gallons
- Received Environmental Restoration Disposal Facility (ERDF) leachate (96K gallons) at Liquid Effluent Retention Facility Basin 44
- Continued operating the 310 Area Retention Transfer System (twelve batches/384K gallons)
- Received nine drums of Waste Sampling and Characterization Facility wastewater and four drums Vadose Zone condensate wastewater
- Pumped 24 Waste Sampling and Characterization Facility (WSCF) and four Vadose Zone drums into the Secondary Waste Treatment Train
- Loaded and shipped 40 powder drums to ERDF
- Continued with Basin 43 Processing Campaign (processed 1.9M gallons)

13.12 Integrated Disposal Facility

- Completed all required inspections at the Integrated Disposal Facility

13.16 Off Site Spent Nuclear Fuel Disposition

- Maintained coordination for offsite Spent Nuclear Fuel Disposition

13.21 Mixed Waste Disposal Trenches

- Maintained the facility in a safe and compliant condition

MAJOR ISSUES

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

Corrective Action – Implement recovery plan: Work in multiple trenches to improve flexibility and mitigate impacts from weather and container conditions, deploy resources from completed KPP scope to supplement Retrieval crews (Repackaging NCOs and Ground Water HPTs reassigned), use alternate retrieval feed locations, initiate multiple summer shifts (6/13/11) to maximize daylight hours and mitigate heat impacts, closely coordinate shipments with MLLW and PFP to maximize ability for all projects to meet goals

Status – Corrective actions implemented and in progress. Performance Measurement Baseline and Performance Based Incentive milestones risk being mitigated.

Issue – TRUPACT II drum feed exhausted by July 2011; U. S. Environmental Protection Agency (EPA) approval to CCP to ship solid waste boxes required by July/August 2011.

Corrective Action – EPA Tier 1 approval by July 2011; Evaluating additional drum feed as contingency

Status – CCP has submitted Corrective Action Report (CAR) to CBFO for closure. CBFO to submit final re-certification report to New Mexico Environmental Department (NMED) in June

Issue – Competing special nuclear material (SNM) and Am-241 possession limits at PFNW will restrict some TRUM shipments to PFNW during FY2011

Corrective Action – Establish a priority for waste shipment to PFNW based on Performance Indicator (PI) objectives; Actively work with PFNW to reduce turn-around time for waste residing at PFNW; PFNW to determine alternatives that would reduce the overall SNM/Am-241 inventories at PFNW

Status – Priorities established, additional Waste Management Representative assistance provided to PFNW to aid in reducing turn-around time; and the majority of the MLLW dropout drum shipments from 12B and 4B have been shifted to late summer time frame.

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 March for additional summertime overtime shifts. However, continuing issues with container integrity are expected and OT may not be adequate to mitigate all impacts. An additional draw down of MR to supplement current staffing levels is currently in review. |
| 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 and explore stabilization techniques | ● | ↔ | Encountering issues regarding unexpected waste characteristics; Implementng Trench Face Retrieval and Characterization capabilities |
| 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. Issued "No Path Forward" waste and German log alternatives analysis. Annual update of M-91 PMP will document current status. |

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 | 1.1 | 1.5 | 1.6 | 0.4 | 38.7 | (0.09) | -6.1 |
| TRU Waste | <u>9.1</u> | <u>9.5</u> | <u>9.5</u> | <u>0.5</u> | 5.0 | <u>0.04</u> | 0.4 |
| ARRA Total | 10.2 | 11.1 | 11.1 | 0.9 | 8.7 | (0.06) | -0.5 |
| Base | <u>5.9</u> | <u>5.7</u> | <u>7.1</u> | <u>(0.2)</u> | -3.6 | <u>(1.4)</u> | -24.7 |
| Total | 16.1 | 16.8 | 18.2 | 0.7 | 4.2 | (1.5) | -8.7 |

Numbers are rounded to the nearest \$0.1M

ARRA

Current Month (CM) Schedule Performance (+\$0.9M/+8.7%)

RL-0013 MLLW Treatment – MLLW Treatment – Within Threshold - Schedule recovery for M-91-43 waste shipments and for Large Type A waste container shipments to PFNW; partially offset by delay in M-91-42 feed from TRU Retrieval and 435.1 waste processing achieved in prior period.

RL-0013 TRU Waste – Within Threshold - Schedule recovery for TRU Retrieval work planned in prior periods, coupled with completion of required functionality for planned remote controlled unit (robot), schedule recovery for prior period T-Plant Repack activities, partially offset by delayed TRUPACT II shipping due to unavailability of certified feed, RH/Large Package Commercial Repack adjustment for overstatement of performance in prior month, T-Plant 90 Mil Rigid Liner venting delayed by required equipment maintenance, weather, and adjustment to reflect re-venting activities, WRAP Repack delayed due to 2404WB spill recovery activities.

CM Cost Performance (-\$0.06M/-0.5%)

RL-0013 MLLW Treatment – Within Threshold.

RL-0013 TRU Waste – Within Threshold.

Base

CM Schedule Performance (-\$0.2M/-3.6%)

Within Threshold. Delayed start to WESF K1/K3 Upgrades Definitive Design pending decision to move forward with final design; partially offset by accelerated berm repair.

CM Cost Performance (-\$1.4M/-24.7%)

Increased assessments above plan, increased resources required for support of Transportation and Packaging activities, Kelly Klosure materials received but not installed, receipt of rotor for Thin Film Dryer Vessel caused a higher fluctuation in the level loaded costs, increased subcontractor costs for WESF Roof Upgrades, and WRAP HEPA Filter waste disposal costs above plan.

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 | 42.2 | 38.4 | 36.8 | (3.8) | -9.0 | 1.6 | 4.2 | 47.8 | 47.3 | 0.5 |
| TRU Waste | 194.6 | 192.7 | 195.9 | (1.9) | -1.0 | (3.3) | -1.7 | 250.2 | 249.6 | 0.6 |
| ARRA Total | 236.8 | 231.0 | 232.7 | (5.7) | -2.4 | (1.7) | -0.7 | 297.9 | 296.9 | 1.1 |
| Base | <u>285.5</u> | <u>283.8</u> | <u>292.7</u> | <u>(1.7)</u> | -0.6 | <u>(8.9)</u> | -3.1 | <u>1,623.7</u> | <u>1,574.7</u> | <u>49.0</u> |
| Total | 522.3 | 514.8 | 525.4 | (7.5) | -1.4 | (10.6) | -2.1 | 1,921.7 | 1,871.6 | 50.1 |

Numbers are rounded to the nearest \$0.1M

ARRA

CTD Schedule Performance (-\$5.7M/-2.4%)

RL-0013 MLLW Treatment – Mixed Low Level Waste shipments delayed due to receiving facility's inability to receive extra-large sized waste shipments pending permit/building modifications (permits now obtained and modifications are scheduled), coupled with delay in receipt of M-91-42 feed from TRU Retrieval and weather impacts.

RL-0013 TRU Waste – TRU Retrieval delays due to shipping authorization (now resolved) and adverse weather conditions, coupled with delayed close-out of Trench Face Processing System (TFPS) procurement due to on-going negotiations with vendor, delayed TRUPACT II shipping due to lack of WIPP conveyances and transportation equipment issues.

CTD Cost Performance (-\$1.7M/-0.7%)

RL-0013 MLLW Treatment – Mixed Low Level Waste costs below plan due to efficiencies created by treating waste at Energy Solutions (ES) - Clive rather than planned treatment at PFNW due to a waiver received from DOE-HQ, decreased operational costs at CWC, efficiencies in Large Type A waste container shipments to PFNW and in Mixed Waste Disposal Trenches Upgrades; partially offset by M-91-42 waste treatment costs above plan (more difficult waste types, e.g. reactive and thermal) and higher costs for Effluent Treatment Facility (ETF) Containment Berm repairs.

RL-0013 – TRU Waste – Increased resources for TRU Retrieval deteriorated waste containers, coupled with increased materials and labor costs in support of the Trench Face Retrieval and Characterization System (TFRCS), increased allocations for additional office space and other assessments as a result of increased Recovery Act expenditures, partially offset by efficiencies in TRU Characterization and Shipping, T-Plant, and Waste Receiving and Processing (WRAP), delay in receipt of costs for RH/Large Package Commercial Repack, and lower company level allocations.

Base

CTD Schedule Performance (-\$1.7M/-0.6%)

Delayed start to WESF K1/K3 Upgrades Definitive Design pending decision to move forward with final design, Canister Storage Building (CSB) engineering activities delayed due to resource availability (assigned to higher priority activities), delay in ETF upgrades to determine fire protection requirements (installation now in progress); partially offset by acceleration of WRAP HEPA filter replacement (scheduled for FY13).

CTD Cost Performance (-\$8.9M/-3.1%)

Increased assessments above plan, TRU Retrieval additional resources to deal with deteriorated containers and drum wedge issue, FY2009 WRAP facility increased levels of corrective and preventive

maintenance activities as a result of repack operations, increased labor and subcontractor support for Transportation and Packaging; partially offset by efficiencies in LEF, MLLW, TRU Disposition, TRU Repackaging, Interim Storage Area upgrades, Mixed Waste Disposal Trenches (MWDT), and lower overhead allocations.

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

Estimate at Completion (EAC)

The BAC and EAC include FY2009 through FY2018.

The changes in EAC from April to May, for both ARRA and Base, are within reporting thresholds.

FUNDS vs. SPEND FORECAST (\$M)

| WBS 013/RL-0013 Waste and Fuels Management Project | FY2011 | | Spend Variance |
|---|----------------------|----------------------|-------------------|
| | Projected Funding | Spending Forecast | |
| ARRA | 162.5 | 159.3 | 3.3 |
| Base | 86.2 | 85.9 | .3 |

Numbers are rounded to the nearest \$0.1M.

Funds/Variance Analysis

Funding includes FY2010 carryover and FY2011 new Budget Authority. "Projected Funding" for Base PBSs was changed in May, 2011 to reflect a reallocation among PBSs and a reduction of \$7.3 to align with the final FY 2011 Appropriations Act (RL-0013 Base: -\$4.4M) .

Critical Path Schedule

Critical path analysis can be provided upon request.

Baseline Change Requests

None.

MILESTONE STATUS

Tri-Party Agreement (TPA) milestones represent significant events in project execution. DOE 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 Update, implemented in September 2010, 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-091-03E | Submit Annual Revision of TRUM and MLLW PMP to Ecology | TPA | 6/30/11 | | 6/30/11 | On Schedule |
| M-091-03D-02 | Submit Revision of PMP for Disposition of No-Path-Forward Waste | TPA | 6/30/11 | | 6/30/11 | On Schedule |
| M-091-40T | Retrieve 2,000 Cubic Meters of CH RSW | TPA | 9/30/11 | | 9/30/11 | On Schedule |
| M-091-46A | Certify 850 Cubic Meters of Small Container CH TRUM Waste | TPA | 9/30/11 | | 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 | | 9/30/11 | Field work completed. Awaiting completion documentation. |
| M-091-44Z-002 | Min. Annual PMM or Qtrly Notification of Cert. of CH/RH TRUM | TPA | 12/31/11 | | | On Schedule |
| C-026-07G | Tritium Treatment Technology Developments to Ecology & EPA | TPA (commitment) | 3/31/12 | | | 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 |