

Section C Solid Waste Stabilization and Disposition (RL-0013)

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June 2010 DOE/RL-2008-69, Rev. 20 Contract DE-AC06-08RL14788 Deliverable C.3.1.3.1 - 1

Monthly Performance Report

Hanford Fire Department Emergency Rescue Responders



Construction of ISA Container Restraint System

Fiberglassreinforced plywood box of suspect TRU waste that has deteriorated after years in underground storage

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. Shipped 9.8m³ M/LLW and completed 73.7m³ of M/LLW waste during the month. TRU Retrieval completed construction of the two foot walls on three sides of the shoring box for 3A Trench 17 Box 3 and lifted the box onto the shoring base. Next Generation Retrieval (NGR) installed neutron tube in the Passive/Active Neutron Assay system. TRU Project repackaged 159 TRU containers, shipped 233 containers, and received 168 containers at T Plant. The Waste Receiving and Processing Facility (WRAP) completed non-destructive examination (NDE) for 369 drums and 483 non-destructive assay (NDA) drums. The mixed waste disposal trenches received 16 offsite shipments (69 containers) and shipped seven leachate Beall tankers to the Effluent Treatment Facility (ETF).

Base

The WFMP continued maintaining facilities in a safe and compliant condition. The Waste Encapsulation and Storage Facility (WESF) completed Energy Savings Performance Contract construction. The Canister Storage Building continued to support Container Restraint System (CRS) construction activities. The Central Waste Complex (CWC) received 25 on-site transfers (273 containers), and received eight offsite shipments (103containers), shipped 64 on-site transfer (1183 containers) and three off-site shipments (four containers), Low Level Waste Burial Grounds (LLBG) is working with Balance of Site (BOS) to turnover stewardship of this burial ground. The 200 Area Treated Effluent Disposal Facility (TEDF) discharged 1.9M gallons. Slightly Irradiated Fuel Project completed pour of base slab for Project W-105, *Interim Storage Cask Pad #3 (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 | Implement a point-of-generation approach to waste management that minimized the transport and handling of wastes. | 10/1/11 | On schedule |
| | in the LLBG. | No exceedances of permit conditions. Participate in readiness assessment and establish process to confirm permit levels have been met. | 9/30/2010 | On schedule |
| 10-EMS-WFM- | Reduce the levels of air | Eliminate the use of the refrigerant R22. | 2/26/2010 | Complete |
| OB2-T1 | pollution and increase the energy efficiency of WESF Plant heating and cooling operations. | 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 | On schedule |



TARGET ZERO PERFORMANCE

| | Current Month | Rolling 12 Month | Comment |
|--|------------------|---------------------|---|
| Days Away, Restricted or Transferred | 2 | 5 | 6/4 - A WRP engineer fell while ascending rolling stairs. The individual initially complained of back pain, then fainted. The individual was transported to by ambulance to Kadlec hospital. The individual was released from Kadlec later that afternoon with no serious injuries. The worker was provided medication for pain. Over the counter medication was prescribed, the worker was told to rest for two days and to follow up with their personal physician. Initial investigation identified that the rolling stairs were in an inappropriate configuration for the task being performed. (20967) 6/30 - A T Plant NCO pinched their left hand pinky finger between two drums. The NCO was moving an empty drum in transition of the concrete floor and a steel plated covering on the floor and caught their fingers between the moving drum and a stationary drum. This was in the canyon and the NCO was wearing a full set of PPE including two latex gloves and leather hexarmour gloves. No contamination was detected on the wound or person. NCO was escorted to AMH by the FWS. AMH sent the NCO to Kadlec for x rays. At Kadlec, where x-ray was taken and the NCO was diagnosed as having a fractured "pinky" finger on the left hand and given a prescription medication. (21054) |
| Total Recordable Injuries | 3 | 8 | 6/29 - A WRAP Electrician received a 2 inch head laceration after bumping on a stationary man lift boom. AMH and referred to Kadlec for stitches/staples. The Electrician was working in an area where hard hats were not required. (21053) Same as above (20967 & 21054) |
| First Aid Cases | 12 | 80 | 6/2 - An ETF millwright received minor cut to right index finger from pump coupling. Employee reported to AMH for evaluation and was returned to work without restrictions. The cut did not occur in a radiological area. (20956) 6/4 - Employee experienced a chemical taste in their mouth then irritation in the nose and throat. The employee flushed the facial area for about 5 minutes then was escorted employee to AMH. The employee was evaluated and returned back to work without restrictions. (20964) 6/9 - A WRAP Instrument Technician felt brief pain in their right foot. The individual was sent to AMH and returned to work without restrictions. (20977) 6/10 - An ETF Millwright received windblown debris in the eye while walking between buildings. The individual reported to AMH and was returned to work without restriction. (20983) 6/14 - An FFS employee reported stiffness in left leg related to a slip that occurred that day. No pain or irritation was reported to supervision. (21000) 6/16 - An FFS employee was accessing the National Crane Boom Truck ramp adjacent to the Container Restraint System excavation |



| 1 | Current Month | Rolling 12 Month | Comment |
|-------------|------------------|---------------------|---|
| | | | and "tweaked" the left knee and became slightly painful. Employee was transported and examined by AMH and returned to work without restriction. (21001) 6/18 - An FFS Employee was constructing wood platforms for step platforms for the connex boxes at the 12B project, and was punctured in the left index finger by a staple. The employee removed the glove and saw that it had punctured the skin. Employee was taken to AMH and was given a tetanus shot and bandage and released back to work without restriction. (21034) 6/21 - A teamster reported discomfort in their back when lifting a case of water bottles to prepare coolers. The employee was sent to AMH for evaluation. (21007) 6/23 - During an EP Drill at WESF, an RCT experienced symptoms of heat stress. Individual was wearing a full set of PPE and full face respirator for approximately 20-30 minutes. Individual was taken to AMH for precautionary evaluation and returned to work without restrictions. (21023) 6/24 - A teamster scratched their left arm above glove. The teamster was taken to AMH and was returned to work with radiological zone restrictions. (21033) 6/28 - While the NCO was performing surveillance duties, the wind caught a door on an outbuilding; the NCO tried to catch the door and jammed his right ring finger. The NCO was taken to AMH for examination on 6/29. The finger was x-rayed and determined to have been hyper extended, no fractures. The NCO was returned to work without restriction. (21044) 6/30 - A T Plant NCO reported pain in left shoulder from handling waste drums. Supervisor escorted NCO to 200W AMH for evaluation. The NCO had moved multiple drums, empty and full, and experienced the pain on the last drum which weighed approximately 55 KG. NCO returned to work with manageable restrictions. (21049) |
| Near-Misses | 0 | 0 | N/A |

KEY ACCOMPLISHMENTS

ARRA

13.01 Project Management

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

13.02 Waste Encapsulation and Storage

- Completed Energy Savings Performance Contract construction
- K1 and K3 Heating, Ventilation, and Air Conditioning Upgrades
 - Met with Engineering, Project & Construction (EPC) and facility personnel to establish the project's execution approach, project interfaces with WESF, and a charter
 - o Approved Baseline Change Request authorizing the project to proceed
 - o Initiated the Project Execution Plan



- o Assigned an engineer to develop the Functional Design Criteria
- o Selected an option to install new exhaust skid and tie in K1 and K3 exhaust trains (an analysis will develop location and methods)
- Completed development and submittal of technical input for cesium and strontium capsule dry storage in the *Environmental Impact Statement for Retrieval, Treatment, and Disposal of Tank Waste and Closure of Single-Shell Tanks at the Hanford Site, Richland, WA* (TC&WM EIS)

13.04 Mixed Low Level Waste (MLLW) Treatment

- Shipped 9.8m³ of ARRA funded MLLW to treatment facilities, and completed 73.7m³
- Initiated shipment preparations of large container TRU/M to PFNW for size reduction and repackaging (First shipment scheduled for July 13, 2010)
- M-91-42 TPA:
 - o 9.2m³ shipped and 35.9m³ completed during month
 - o 8,213m³ shipped and 8,153m³ completed since January 2003 (Base & ARRA)
- M-91-43 TPA:
 - o 0 m³ shipped and 0 m³ completed during month
 - o 728m³ shipped and 698m³ completed since January 2003 (Base & ARRA)

13.05 TRU Retrieval

- Shipped 3.4m³ of previously removed containers to CWC (four drums and three boxes)
- Received results from air (SUMMA canisters) and decontamination line water samples from 4B T11 indicating no hazards; shrunk the exclusion boundary
- Planned and performed mockup for SUMMA canister sampling at the bottom of 4B T11 and initiated planning for elevated ground penetrating radar ground penetrating radar (GPR) survey of the event site
- Completed and approved the 3A Trench 8 Retrieval Plan and began development of associated excavation and retrieval procedures
- Completed construction of the two foot walls on three sides of the shoring box for 3A Trench 17 Box 3 and lifted the box onto the shoring base
- Continued 3A Trench 17 Boxes 80/82 repackaging work package planning and prepared for Hazard Review Board (HRB) meetings
- Completed construction of Kelly Klosure® structure and began electrical installation
- Installed permanent power conduit, light poles and power racks for new 3A facilities and occupied new RadCon (MO2163) and restroom (MO2315) trailers
- Next Generation Retrieval (NGR)
 - o Completed Real-Time Radiography/Drum Warming Unit setup
 - o Initiated calibration confirmation of the ANTECH Gamma Assay Unit
 - o Installed neutron tube in the Passive/Active Neutron Assay system
 - o Completed vendor installation of the BROKK camera equipment

13.06 TRU Repackaging

- 216Z-9 Repack Campaign; expect to pilot repack five Z-9 drum in July
- Canyon on standby (no processing or compacting) during 291-T HEPA filter replacement
- Processed 159 parent drums; Created 177 offspring drums
- Generated eight drums from glovebag change outs
- Compacted 133 empty parent drums; Generated 26 full puck drums
- Shipped 233 containers on 16 shipments from T Plant
- Received 168 containers
- Shipped two ERDF containers to ERDF and received two empty containers



13.07 Waste Receiving and Processing Facility (WRAP)

- NDE 369 drums
- NDA 483 Non-WIPP drums
- Performed 91 Non-Waste Isolation Pilot Plant (WIPP) Quick Scans
- Received 42 drums from the Plutonium Finishing Plant (PFP)
- Continued OJT/OJE for TRUPACT II, NDE, NDA, Shipping/Receiving for nuclear chemical operators (NCOs)
- Completed installation of three additional office trailers as well as two restroom trailers (MO2159, MO2160, MO2161)
- Commenced TRU Waste Shipments to Idaho
- Completed final acceptance testing of Canberra continuous alarm monitors (CAMs) in the Process Area
- Continued HEPA filter replacement in the WRAP Process Area. Initial surveys indicated no contamination.
- Began cement pad preparation for the High Energy real-time radiography (HERTR)
- Successfully completed the Hanford Site Annual Emergency Exercise which involved local counties, state and federal response organizations
- Implemented the Master Document Safety Analysis (MDSA) Revision for WRAP

13.15 TRU Disposition

- Supported Value Engineering Study to evaluate efficiencies in information protection and clearance process
- Began Ten Drum Overpack (TDOP) inter-site shipments to Idaho National Engineering Laboratory (INEL). Two shipments completed in June.
- Completed WIPP confirmation (RTR videos and datasheets) of 351 drums for WIPP Shipments RL100001 through RL100049
- CCP Support:
 - o Public Release process: clearing documents on schedule at rate of 150 containers a week

13.21 Mixed Waste Disposal Trenches

- Shipped seven leachate Beall tanker to ETF
- Received 16 offsite shipments, 46 containers

Base

13.02 Capsule Storage & Disposition

- WESF
 - Continued support to Energy Savings Performance Contract construction demolition and upgrade activities
 - o Disposition of cesium (Cs)/strontium (Sr) capsules
 - FY 2012 Base-funded activities for Cs/Sr disposition will be deferred based on scope reprioritization

13.03 Canister Storage Building

- Continued Multi-Canister Overpack (MCO) Handling Machine (MHM) tests and inspections
- Continued to support Container Restraint System (CRS) construction activities

13.07 Waste Receiving and Processing Facility (WRAP)

• Maintained the facility in a safe and compliant condition

13.08 T Plant

• Maintained the facility in a safe and compliant condition



13.09 Central Waste Complex (CWC)

- Completed three off-site shipments, four containers
- Completed 64 on-site transfers, 1183 containers
- Received 25 on-site transfers, 273 containers
- Received eight off-site shipments, 103 containers
- Supported WRAP preparations for and completion of site wide drill. CWC/LLBG help contributed to a successful Emergency Preparedness site drill.
- On June 15, MDSA Rev 6B was implemented
- Polyurea Readiness Level 3 RSA's are being worked by responsible managers; contractor readiness is scheduled to be completed July 30, 2010
- Preparation for receipt of contact handled TRU waste from Washington Closure Hanford's 324
 Building is ongoing. Shipments will arrive in Energy Solutions 10-160B cask on July 29 and
 August 5, 2010.
- Successfully completed HRB for Medium Risk Box Repairs
- Fire Systems Maintenance installed RFAR box and antenna at 2403WA. Work Package and FMP are being worked with a completion date of July 9, 2010. This is a Conditional Payment of Fee activity.
- CWC worked a swing shift to accept road closure shipments. CWC also worked on a Friday off to support receipt of Tank Farms 60 foot box.
- Completed installation of change trailer and survey building to support box repairs in the CWC expansion area.
- LLBG
 - o 218-E-10 Working with Balance of Site (BOS) to turnover stewardship of this burial ground.

13.11 Liquid Effluent Facilities (LEF)

- Received (June) 61tankers; (80K gallons)
- Treated (June) to SALDS: 0 M gallons (due to replacement of Thin Film Dryer [TFD] rotor)
- 200A TEDF discharged (June) 1.9M gallons
- Received ERDF leachate (102K gallons) at LERF Basin 43
- Received 12 drums of Waste Sampling and Characterization Facility wastewater
- Began Basin 44 Campaign
- Maintenance activities
 - o Completed change-out of TFD rotor
 - o Performed inspection of TFD vessel with broken blades identified
 - o Completed unplugging Secondary Waste Retrieval Tank (SWRT) B drain line
 - o Completed repairs of multiple cracks in the Vessel Off-Gas drain line
 - o Completed repairs to Sample Pump 68C-P-10 and returned to service
 - o Repaired leaks on polisher air operated valves
 - o Repaired grout and special protection coating at Basin 42
- 310/340 Facilities
 - o Completed training two shift operations managers and two NCOs for the Retention Transfer System (RTS) operation
 - o Operating the RTS; 16 batches (476k gallons) discharged to City of Richland
 - Continued performing preventive maintenance (PM) activities at 310/340 for systems that will remain active after turnover (heating, ventilation and air conditioning [HVAC], fire, and compressed air)

13.12 Integrated Disposal Facility

o Completed required annual inspections and calibrations



13.16 Off Site Spent Nuclear Fuel (SNF) Disposition

- Slightly Irradiated Fuel
 - o Completed pour of base slab for Project W-105, Interim Storage Cask Pad #3 (CRS)
 - o Received and assembled Manitowoc 999 crane in the CSB yard area
 - Continued shop fabrication of aboveground structure for the CRS and initiated shop inspections
 - o Received ISA Safety Evaluation Report (SER) from RL on June 7

13.21 Mixed Waste Disposal Trenches

• Maintained the trenches in a safe and compliant condition

MAJOR ISSUES

Issue Statement – Avoid falling behind recovery plan to retrieve 2,500m³ by September 30, 2011 **Corrective Actions** – Strategy developed and agreed to with Senior Management, HAMTC, and program/MSA support to implement new shift/overtime strategy

Status – 451m³ removed, 431m³ shipped. Recovery schedule supports TPA tentative agreement of 2,000m³ by September 30, 2011.

RISK MANAGEMENT STATUS

| Unassigned Risk Risk Passed New Risk | | Worki | ng - No Conce ng - Concern ng - Critical | Increased Confidence No Change Decreased Confidence | |
|--|--|------------------------|--|--|--|
| Risk Title | Risk Strategy/Handling | Assessment Month Trend | | Comments | |
| WSD-007: TRU Retrieval Complexities | Accelerate "next generation" retrieval | | 1 | Significant container degradation encountered; BCR in progress | |
| WSD-008: Classified Waste Storage Limitations | Implement mobile shredding; evaluate establishing secure storage at CWC or other location | | 1 | 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 volumes /characteristics; BCR in progress | |
| 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 | 1.5 | 0.5 | 0.5 | (1.0) | -64.3 | (8.7) | -1.6 |
| TRU Waste | 7.4 | 6.5 | 7.8 | (0.9) | -12.7 | (1.4) | -20.9 |
| ARRA Total | 8.9 | 7.0 | 8.4 | (1.9) | -21.4 | (1.4) | -19.4 |
| Base | <u>5.8</u> | <u>6.5</u> | <u>8.2</u> | <u>0.6</u> | <u>11.1</u> | (1.7) | - <u>26.0</u> |
| Total | 14.7 | 13.5 | 16.5 | (1.3) | -8.6 | (3.1) | -22.6 |
| N 1 1 1 1 1 | . 60.13 | | | | | | |

Numbers are rounded to the nearest \$0.1M.

ARRA

CM Schedule Performance (-\$1.9M/-21.4%)

RL-0013 MLLW Treatment – 435.1 Compliance waste processing efficiencies in previous months, coupled with fewer MLLW shipments than planned to date due to delay in receipt of waste from the Retrieval Project, and delay in procurement of a Large A Type container due to lack of qualified suppliers.

RL-13 TRU Waste – TRU Retrieval restart activities started later than planned and Next Gen Retrieval overstated performance in previous month, partially offset by TRU Repackaging efficiencies and a point adjustment for RH/Large Package Capability.

CM Cost Performance (-\$1.4M/-19.4%)

RL-0013 MLLW Treatment – Mixed Low Level Waste is incurring costs associated with shipments/return shipments of volume reduction from PermaFix Northwest and PermaFix Environmental (performance claimed in prior period), partially offset by ERDF time card corrections.

RL-0013 TRU Waste – Next Generation Retrieval performance overstated in previous month, partially offset by efficiencies in TRU Characterization and Shipping.

Base

CM Schedule Performance (+\$0.6M/+11.1%)

TRU Retrieval schedule recovery for Kelly Klosure installation, partially offset by TRU Repackaging RH/Large Box shipments of low gram TRU waste delay pending contract establishment due to audit requirements.

CM Cost Performance (-\$1.7M/-26.0%)

Assessments and use of Mission Support Alliance (MSA) service continue above plan, early receipt of the cost for OCRWM records storage without corresponding performance.



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

| WBS 013/ RL-0013 Waste and Fuels Management Project | Budgeted Cost of Work Scheduled | Budgeted Cost of Work Performed | | Schedule Variance (\$) | | | Cost Variance (%) | Budget at Completion (BAC) | Estimate at Completion (EAC) | |
|---|--|--|--------------|------------------------------|-------------|------------|-------------------------|----------------------------------|------------------------------------|-------|
| MLLW Treatment | 29.9 | 30.0 | 27.9 | 0.1 | 0.4 | 2.1 | 6.9 | 47.7 | 44.8 | 2.9 |
| TRU Waste | 87.1 | 81.9 | 85.6 | (5.2) | -6.0 | (3.8) | -4.6 | 238.9 | 231.6 | 7.3 |
| ARRA Total | 117.0 | 111.9 | 113.6 | (5.1) | -4.4 | (1.7) | -1.5 | 286.6 | 276.4 | 10.2 |
| Base | 214.2 | <u>210.5</u> | <u>209.9</u> | (3.7) | <u>-1.7</u> | <u>0.5</u> | <u>0.3</u> | 1,574.9 | <u>1,581.2</u> | (6.3) |
| Total | 331.2 | 322.4 | 323.5 | (8.8) | -2.7 | (1.1) | -0.4 | 1,861.6 | 1,857.6 | 3.9 |
| Numbers are rounded | to the nearest | \$0.1M | | | | | | | | |

ARRA

CTD Schedule Performance (-\$5.1M/-4.4%)

RL-13 MLLW Treatment – Accelerated disposal of 435.1 Compliance Waste, partially offset by delayed procurement of Type A Waste container due to lack of qualified suppliers.

RL-0013 TRU Waste – Next Generation Retrieval site preparation performed in series versus parallel and staff training delayed due to higher priority Retrieval activities, and delayed progress in TRU Characterization and Shipping due to delays in the initiation of full Central Characterization Project (CCP) characterization, partially offset by efficiencies in TRU Repackaging.

CTD Cost Performance (-\$1.7M/-1.5%)

RL-0013 MLLW Treatment – Costs for MLLW are below plan due to efficiencies created by treating waste at ES-Clive rather than planned treatment at PermaFix Northwest (due to a waiver received from DOE), partially offset by higher costs for ERDF maintenance facility due to safety and environmental requirements.

RL-0013 TRU Waste – Increased TRU Retrieval project operational costs associated with inability to make progress due to 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 in T-Plant.

Base

CTD Schedule Performance (-\$3.7M/-1.7%)

Extended review of the application on the polyurea by the Joint Evaluation Team (JET) and the Hazard Review Board (HRB) review preparation have pushed out the schedule for long-term box storage, coupled with contact handled (CH) waste retrieval. Richland Operations Office's (RL) determination that the Trench Face Process System (TFPS) is a low-level burial ground (LLBG) major modification causing delay in completion of safety and hazards analyses, and TRU Repackaging RH Large Box Repack shipments of low gram TRU waste delay pending contract establishment, and Canister Storage Building (CSB) performance Distribution Control System (DCS) design delay due to resource availability (assigned to higher priority activities).

CTD Cost Performance (+\$0.5M/+0.3%)

Efficiencies in Liquid Effluent Facilities, MLLW (due to treating waste at ES-Clive rather than planned treatment at PFNW), Off Site Spent Nuclear Fuel (SNF), TRU disposition and TRU repackaging repack lines; partially offset by increased assessments (facilities, fleet and training) above plan (cost transfers to be made to responsible projects) and TRU Retrieval additional resources to deal with the deteriorated containers.



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

FUNDS vs. SPEND FORECAST (\$M)

| | FY | | |
|---|----------------------|----------------------|------------|
| WBS 013/RL-0013 Waste and Fuels Management Project | Projected Funding | Spending Forecast | Variance |
| ARRA | 150.3 | 130.3 | 20.0 |
| Base | <u>108.1</u> | 102.2 | <u>5.9</u> |
| Total | 258.4 | 232.5 | 25.9 |

Numbers are rounded to the nearest \$0.1M.

Funds/Variance Analysis

Projected funding includes FY 2009 uncosted and FY 2010 expected new budget authority.

Critical Path Schedule

Critical path analysis can be provided upon request.

Estimate at Completion (EAC)

The BAC and EAC now include FY 2009 through FY 2018.

Baseline Change Requests

BCR-013-10-009R0, Alternative Analysis Impact to RH Large Package.

BCR-013-10-010R0, OCRWM Records Storage per RL Direction.



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.

| Number | Title | Туре | Due Date | Actual Date | Forecast Date | Status/ Comment |
|-------------------|--|------|-------------|----------------|------------------|---|
| M-091- 03D-01 | Submit Annual Revision of TRUM and MLLW PMP to Ecology | TPA | 6/30/10 | 6/29/10 | | Completed |
| M-091- 40G-T02 | Retrieve CH-RSW 10,700 Cubic Meters (Cumulative) | TPA | 9/30/10 | | | Tentative Agreement approved on 4/20/10 will delete this milestone. |
| M-091-42J- T02 | Treat 200 Cubic Meters of CH TRUM by 9/30/10 | TPA | 9/30/10 | | | Tentative Agreement approved on 4/20/10 will delete this milestone. |
| M-091- 44Z-001 | Minimum Annual Project Manager Meeting Notification of Certification of CH/RH TRUM | TPA | 12/31/10 | | | 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 | | | |
|---------------------|--|---|---------|--|--|
| 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 | | |

