

Appendix B

Milestones

Metrics



April 2012
CHPRC-2012-04, Rev. 0
Contract DE-AC06-08RL14788
Deliverable C.3.1.3.1 - 1

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 PMB Revision 3, implemented in November 2011, and subsequent approved BCRs define CHPRC planning with respect to TPA milestones. The following table is a one year look ahead of commitments and TPA enforceable milestones and non-enforceable target due dates.

| Milestone | Title | Type | Due Date | Actual Date | Forecast Date | Status/ Comment |
|---------------------|---|-------|----------|-------------|---------------|--|
| DNFSB 120W | Complete Sludge Treatment | DNFSB | 11/30/09 | | | A pending Implementation Plan (IP) update will address this milestone. |
| M-015-70-T01 | Submit Feasibility Study Report and Proposed Plan for the 100-HR-1, 100-HR-2, 100-HR-3, 100-DR-1 and 100-DR-2 Operable Units for Groundwater and Soil | TPA | 11/24/11 | | 9/25/12 | Target due date missed; received RL contract direction to work toward indicated forecast date. New forecast date extension being discussed with RL to accommodate document modifications to be consistent with 100K RI/FS. |
| M-015-68-T01 | Submit CERCLA RI/FS Report and Proposed Plan for the 100-BC-1, 100-BC-2 and 100-BC-5 Operable Units for groundwater and soil. | TPA | 11/30/11 | | 11/14/12 | Target due date missed; received RL contract direction to work toward indicated forecast date. New forecast date extension being discussed with RL to accommodate document modifications to be consistent with 100K RI/FS. |

| Milestone | Title | Type | Due Date | Actual Date | Forecast Date | Status/ Comment |
|----------------------|--|------|----------|-------------|---------------|--|
| M-015-64-T01 | Submit RI/FS Report and PP for 100-FR-1/2/3 and 100-IU-2/6 | TPA | 12/17/11 | | 11/20/12 | Target due date missed; received RL contract direction to work toward indicated forecast date. New forecast date extension being discussed with RL to accommodate document modifications to be consistent with 100K RI/FS. |
| M-024-58E | Initiate Discussions of Well Commitments | TPA | 6/1/12 | | | Complete |
| M-091-40L-034 | Submit Jan-Mar 2nd Quarter Burial Ground Sample Results | TPA | 6/15/12 | | | On Schedule |
| M-015-110D | Submit Tc-99 Pilot Scale Treat. Study Test Rpt for 200-WA-1/BC-1 | TPA | 6/30/12 | | | On Schedule |
| M-083-24 | Submit PFP S&M Plan Pursuant to Agreement Section 8.5.4 | TPA | 6/30/12 | | | On Schedule |
| M-091-03F | Submit Annual Revision of TRUM and MLLW PMP to Ecology | TPA | 6/30/12 | | | On Schedule |
| M-024-63-T01 | Conclude Discussions of Well Commitments | TPA | 8/1/12 | | | On Schedule |
| M-016-120 | GW Treatment System <50 gpm for Tc-99 Plume at S/SX Tank Farm | TPA | 8/30/12 | | | On Schedule |

| Milestone | Title | Type | Due Date | Actual Date | Forecast Date | Status/ Comment |
|----------------------|--|------|------------|-------------|---------------|---|
| M-091-40L-035 | PMM Submittal Apr-Jun 3rd Qtr. FY12 Burial Ground Sample Results | TPA | 9/15/12 | | | On Schedule |
| M-015-62-T01 | Submit FS/PP for 100-NR-1/2 OUs Including GW and Soil | TPA | 9/17/12 | | 12/13/12 | Target due date will be missed: currently negotiating new forecast date with RL to incorporate document modifications to be consistent with 100K RI/FS. |
| M-016-172 | Complete KOP Material Removal from 105-KW Fuel Storage Basin | TPA | 9/30/12 | | | On Schedule |
| M-085-01 | Submit Change Package to Establish Date for M-85-00 | TPA | 9/30/12 | | | On Schedule |
| M-091-40U-T01 | Retrieve a Minimum of 250 Cubic Meters CH RSW in FY2012 | TPA | 9/30/12 | | | To Be Missed - Activity currently not funded; letter to RL in review to request contract relief from target date. |
| M-091-46B-T01 | Certify 300 Cubic Meters of Small Container CH TRUM Waste | TPA | 9/30/12 | | | To Be Missed - Activity currently not funded; letter to RL in review to request contract relief from target date. |
| M-091-40L-036 | PMM Submittal Jul-Sep 4th Qtr. FY2012 Burial Ground Sample Results | TPA | 12/15/2012 | | | On Schedule |
| M-015-00D | Complete RI/FS Process by Submitting PP's for all 100 & 300 Area OUs | TPA | 12/31/2012 | | | On Schedule |

| Milestone | Title | Type | Due Date | Actual Date | Forecast Date | Status/ Comment |
|----------------------|--|------|------------|-------------|---------------|---|
| M-016-53 | Complete the Interim Response Actions for the 100 K Area Phase I | TPA | 12/31/2012 | | 5/22/2013 | To Be Missed - EPA has requested characterization of the deep zone beneath waste sites 116-KE-1 and 116-KE-3 to support ROD issuance. |
| M-016-93B | Submit Implementation Workplan to Prepare TRU/TRUM Waste | TPA | 12/31/2012 | | | On Schedule |
| M-016-110-T01 | Take Actions to Contain or Remediate Hexavalent Cr 100A GW Plumes | TPA | 12/31/2012 | | | On Schedule |
| M-091-44P | Designate All RH TRUM and Lrg Container CH TRUM Waste | TPA | 12/31/2012 | | | On Schedule |
| M-091-44Z-003 | Min. Annual PMM or Qtrly Notification of Cert. of CH/RH TRUM | TPA | 12/31/2012 | | | On Schedule |
| C-010-22 | Hanford Site Waste Mgmt Units Report Generated Annually | TPA | 1/31/2013 | | | On Schedule |
| M-091-40L-037 | PMM Submittal Oct-Dec 1st Qtr. FY2013 Burial Ground Sample Results | TPA | 3/15/2013 | | | On Schedule |
| C-026-07H | Tritium Treatment Technology Developments to Ecology & EPA | TPA | 3/31/2013 | | | On Schedule |

Metrics

ARRA Metrics

| Sub-Project | KPP | Key Metric | Unit of Measure | Cumulative through April 30, 2012 |
|-------------------------------|--|--|-----------------|-----------------------------------|
| Plutonium Finishing Plant D&D | Building 234-5Z Process and Laboratory areas ready for demolition | Glove boxes removed from 234-5Z | # Glove boxes | 134 |
| | | Low-level waste removed from PFP | m3 | 3,066 |
| | | TRU waste removed from PFP | m3 | 788 |
| | 20 Ancillary buildings ready for demolition | Ancillary facilities/structures and fuel vaults ready for demolition | # facilities | 31 |
| U-Plant/Other D&D | Complete deactivation, decontamination, decommissioning, and demolishing (D4) of 16 facilities | Nuclear facilities completed | # facilities | 2 |
| | | Industrial facilities completed | # facilities | 18 |
| | | Radiological facilities completed | # facilities | 5 |
| | | Facility placed in cold and dark/demolition ready | Sq. feet | 227,997 |
| | | Facility dispositioned | Sq. feet | 235,060 |
| | ARRA RL-0040.R1.1 U Plant/Other D&D | D&D Debris | m3 | 42,039 |

Base Metrics

| Measure/Units | PBS | 1st Qtr | 2nd Qtr | Apr | May | Jun | 3rd Qtr | 4th Qtr | FYTD | Contract-To-Date |
|--|----------|---------|---------|-----|-----|-----|---------|---------|------|------------------|
| Nuclear Facility Completions (# of facilities) | 11/40/41 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 1 | 1 |
| Radiological Facility Completions (# of facilities) | 11/40/41 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 7 |
| Industrial Facility Completions (# of facilities) | 11/40/41 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 41 |
| Remediation Complete (# of release sites) | 40/41 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 11 |
| PRF Canyon Pencil Tanks Removed | 11 | 10 | 50 | 5 | 0 | 0 | 5 | 0 | 65 | 80 |
| MultiCanister Overpacks Shipped | 12 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 1 | 1 |
| Settler Tubes Retrieved | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 |
| Knock Out Pots Shipped | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Sludge Transportation & Storage Canisters Shipped | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| CH Transuranic Waste shipped for disposal at WIPP (cubic meters) | 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Low level and Mixed Low-Level Waste Disposal (cubic meters) | 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2,885 |
| WESF K3 Filter Measurements | 13 | 3 | 3 | 1 | 0 | 0 | 1 | 0 | 7 | 19 |
| SW Ops Complex Container Inspections | 13 | 13 | 13 | 4 | 0 | 0 | 4 | 0 | 30 | 82 |
| Contaminated Groundwater Treated (million gallons) | 30 | 303 | 287 | 100 | 0 | 0 | 100 | 0 | 690 | 2,664 |
| Preventive Maintenance Packages Completed | 40 | 100 | 89 | 83 | 0 | 0 | 83 | 0 | 272 | 747 |