

# Appendix B

## Milestones

## Metrics



December 2011  
CHPRC-2011-12, 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
<b>DNFSB 120W</b>	Complete Sludge Treatment	DNFSB	11/30/09			A pending Implementation Plan (IP) update will address this milestone.
<b>M-015-70-T01</b>	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		1/12/12	Target date to be missed; received RL contract direction to work toward indicated forecast date. Current forecast date will be extended to accommodate document modifications to be consistent with 100K RI/FS.
<b>M-015-68-T01</b>	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		3/15/12	Target date to be missed; received RL contract direction to work toward indicated forecast date. Current forecast date will be extended to accommodate document modifications to be consistent with 100K RI/FS.
<b>M-091-40L-032</b>	PMM Submittal Jul-Sep 4th Qtr FY2011 Burial Ground Sample Results	TPA	12/15/11	12/08/11	11/30/11	Complete

Milestone	Title	Type	Due Date	Actual Date	Forecast Date	Status/ Comment
<b>M-015-64-T01</b>	Submit RI/FS Report and PP for 100-FR-1/2/3 and 100-IU-2/6	TPA	12/17/11		5/14/12	Target date to be missed; received RL contract direction to work toward indicated forecast date. Current forecast date will be extended to accommodate document modifications to be consistent with 100K RI/FS.
<b>M-015-72-T01</b>	Submit RI/FS Report and PP for 300-FF-2/5 OUs for GW and Soil	TPA	12/31/11	12/27/11	12/29/11	Complete
<b>M-015-90</b>	Submit RCRA Facility Investigation/Corrective Measures Study (RFI/CMS) and Remedial Investigation/Feasibility Study (RI/FS) work plan for 200-IS-1 OU to Ecology	TPA	12/31/11	11/14/11		Complete
<b>M-015-91A</b>	Submit RI/FS Work Plan for the 200-WA-1 OU to EPA	TPA	12/31/11	12/28/11		Complete
<b>M-015-93A</b>	Submit Rev'd RFI/CMS & RI/FS Work Plan for SW-2 to Ecology	TPA	12/31/11	11/11/11		Complete
<b>M-016-111C</b>	Expand P&T System at 100-HR-3 OU to 800 gpm Capacity	TPA	12/31/11	9/29/11		Complete

Milestone	Title	Type	Due Date	Actual Date	Forecast Date	Status/ Comment
<b>M-016-122</b>	Begin Phase 1 Operation of 200W Pump-and-Treat System	TPA	12/31/11	12/19/11	12/20/11	Complete
<b>M-091-44Z-002</b>	Min. Annual PMM or Qtrly Notification of Cert. of CH/RH TRUM	TPA	12/31/11	12/08/11		Complete
<b>C-010-21</b>	Hanford Site Waste Mgmt Units Report Generated Annually	TPA	02/29/12			On Schedule
<b>M-091-40L-033</b>	Submit Oct-Dec 1 <sup>st</sup> Quarter Burial Ground Sample Results	TPA	3/15/12		2/28/12	On Schedule
<b>M-016-171</b>	Complete K Basin Sludge Treatment & Packaging Technology Evaluation Report	TPA	3/31/12			On Schedule
<b>C-026-07G</b>	Tritium Treatment Technology Developments to Ecology & EPA	TPA	3/31/12			On Schedule
<b>M-037-03</b>	Submit Revised Closure Plans for 216-B-3 and 216-S-10	TPA	4/30/12			On Schedule but not funded by CHPRC. RL is negotiating an extension of this milestone due date by 30 months with Ecology. A 90-day notification to the regulator that the milestone is in jeopardy is required by the TPA if a new date is not agreed to by January 30, 2012.

Milestone	Title	Type	Due Date	Actual Date	Forecast Date	Status/ Comment
<b>M-024-58E</b>	Initiate Discussions of Well Commitments	TPA	6/1/12			On Schedule
<b>M-091-40L-034</b>	Submit Jan-Mar 2nd Quarter Burial Ground Sample Results	TPA	6/15/12			On Schedule
<b>M-015-110D</b>	Submit Tc-99 Pilot Scale Treat. Study Test Rpt for 200-WA-1/BC-1	TPA	6/30/12			On Schedule
<b>M-083-24</b>	Submit PFP S&M Plan Pursuant to Agreement Section 8.5.4	TPA	6/30/12			On Schedule – The plan has been transmitted to RL 9/29/11. The milestone will be complete once it is transmitted to the regulator.
<b>M-091-03F</b>	Submit Annual Revision of TRUM and MLLW PMP to Ecology	TPA	6/30/12			On Schedule
<b>M-024-63-T01</b>	Conclude Discussions of Well Commitments	TPA	8/1/12			On Schedule
<b>M-016-120</b>	GW Treatment System <50 gpm for Tc-99 Plume at S/SX Tank Farm	TPA	8/30/12			On Schedule
<b>M-091-40L-035</b>	PMM Submittal Apr-Jun 3rd Qtr FY12 Burial Ground Sample Results	TPA	9/15/12			On Schedule

Milestone	Title	Type	Due Date	Actual Date	Forecast Date	Status/ Comment
<b>M-015-62-T01</b>	Submit FS/PP for 100-NR-1/2 OUs Including GW and Soil	TPA	9/17/12			On Schedule
<b>M-016-172</b>	Complete KOP Material Removal from 105-KW Fuel Storage Basin	TPA	9/30/12			On Schedule
<b>M-085-01</b>	Submit Change Package to Establish Date for M-85-00	TPA	9/30/12			On Schedule
<b>M-091-40U-T01</b>	Retrieve a Minimum of 250 Cubic Meters CH RSW in FY 2012	TPA	9/30/12			Activity currently not funded
<b>M-091-46B-T01</b>	Certify 300 Cubic Meters of Small Container CH TRUM Waste	TPA	9/30/12			Activity currently not funded

## Metrics

### ARRA Metrics

Sub-Project	KPP	Key Metric	Unit of Measure	Cumulative through December 28, 2011
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	777
	20 Ancillary buildings ready for demolition	Ancillary facilities/structures and fuel vaults ready for demolition	# facilities	30
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	38,488

### Base Metrics

Measure/Units	PBS	Oct	Nov	Dec	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	FYTD	Contract-To-Date
Nuclear Facility Completions (# of facilities)	40/41	0	0	0	0	0	0	0	0	0
Radiological Facility Completions (# of facilities)	40/41	0	0	0	0	0	0	0	0	6
Industrial Facility Completions (# of facilities)	11/40/41	0	0	0	0	0	0	0	0	41
Remediation Complete (# of release sites)	40/41	0	0	0	0	0	0	0	0	7
PRF Canyon Pencil Tanks Removed	11	0	5	0	5	0	0	0	5	20
MultiCanister Overpacks Shipped	12	0	0	0	0	0	0	0	0	0
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	13	0	0	0	0	0	0	0	0	0
Low level and Mixed Low-Level Waste Disposal	13	0	0	0	0	0	0	0	0	2,885
WESF K3 Filter Measurements	13	1	1	1	3	0	0	0	3	15
SW Ops Complex Container Inspections	13	4	4	5	13	0	0	0	13	65
Contaminated Groundwater Treated (million gallons)	30	98	100	104	303	0	0	0	303	2,277
Preventive Maintenance Packages Completed	40	47	26	27	100	0	0	0	100	575