CH2MHILL
Plateau Remediation Company

Monthly Performance Report

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December 2012

CHPRC-2012-12, Rev. 0

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EXECUTIVE SUMMARY

- CH2M Hill Plateau Remediation Company (CHPRC) wrapped up the calendar year with delivery of two Draft A decision documents. The documents describe the nature and extent of contamination and proposed cleanup alternatives for cleanup in the 100-HR, 100-DR, 100-F and 100-IU areas. These documents are part of a Tri-Party Agreement (TPA) Milestone and key contract deliverables for CHPRC to facilitate decision-making for long-term cleanup along the River Corridor.

Completed pourbacks at the K East Reactor

- CHPRC completed concrete pourbacks to close areas around the K East Reactor as part of the ongoing effort to prepare the K East Reactor for eventual interim safe storage.
- On the Central Plateau, the 200 West Pump and Treat System continued operations, achieving over 1,900 gallon-per-minute flow rate and continuing to meet all cleanup levels specified in the record of decision.
- CHPRC teams were recognized once again by the Eastern Washington Chapter of the Academy of Certified Hazardous Materials Managers (EWACHMM) for quality performance in hazardous materials and environmental management. The Comprehensive Environmental Management Involvement Team won one of the Special Achievement awards for implementation of a company-wide Environmental Management System (EMS) as exemplified by the planning and implementation of the zero waste picnic. The Waste Encapsulation Storage Facility (WESF) Cesium/Strontium Capsule Alignment Team won one of the Excellence in Hazardous Materials Management awards for their performance in moving highly radioactive waste capsules to protect the environment and to increase preventative safety measures.

Two CHPRC teams were recognized for EWCACHMM awards.

- The Prime Contract and Project Integration (PC&PI) team completed the successful surveillance of CHPRC's Earned Value Management System (EVMS). The task took teamwork from all CHPRC projects and organizations. EVMS is our tool for measuring performance against the requirements of our contract.

Focus on Safety

- The Plutonium Finishing Plant (PFP) Closure Project hosted the President's Zero Accident Council (PZAC) meeting for December 2012. The three main ideas for the meeting were:

  - Manage Holiday Stress
  - Alcohol Awareness
  - Reduce Holiday Waste and Recycle

  The festive PZAC meeting began with a timely message by a representative from the site medical services on how to reduce stress associated with the holidays. Tips to keep "Yu" healthy during "Yuletide" included planning, reducing expectations, avoiding perfectionism, and asking for help. Hanford Patrol provided advice on enjoying the spirit of the season by moderating the "spirits" of the season. Smartly adding alcohol into the merriment, by controlling when, where, and how much one celebrates, keeps one safely surrounded by red and green Christmas lights instead of red and blue flashing lights. The Environmental Protection organization educated the audience that re-gifting is not the only way to recycle during the holidays. Pre-planning, innovative gift giving and wrapping, using earth-friendly decorations, and recycling waste can make everyone jolly. The final presentation decked the halls with a status on CHPRC's Voluntary Protection Program (VPP) and a reminder on the important role of management leadership. Stretch and Flex, Good News Stories, and reports on the CHPRC injury and illness performance put a bow on the meeting.

- In December, four "*Thinking Target Zero*" bulletins were published to convey important occupational safety and health messages:

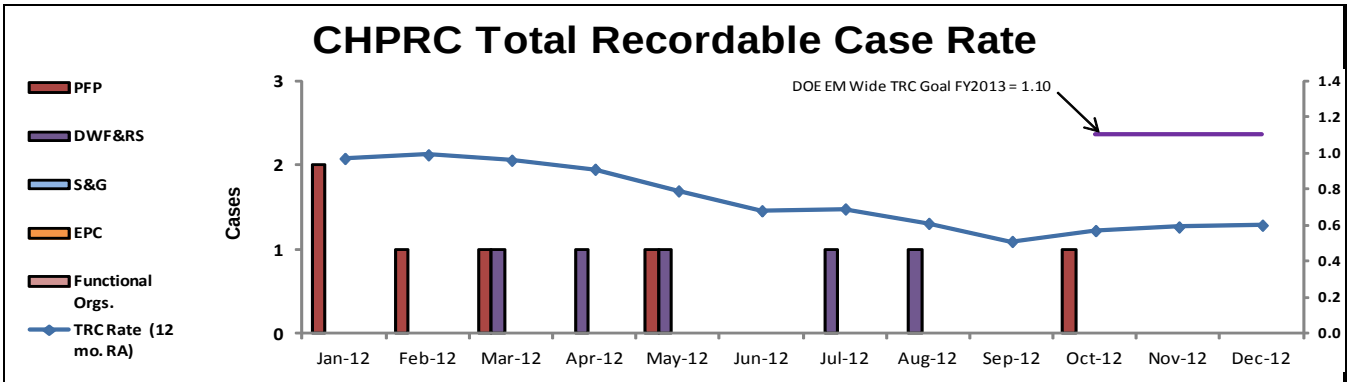
  - Winter Storms
  - Holiday Health and Safety
  - Winter Driving
  - Reporting Injuries and Illnesses

  A *Special Safety Bulletin* on Lasers in the Workplace was also issued in December.

- The December *Weekly Safety Tailgate* briefing packages communicated relevant topics and safety information to the workforce:
  - Excavation Permit Process
  - Proper Use of Ice Melt Products
  - Chocking Vehicles for Safe Idling
  - Tire Chain Safety and State Requirements
  - VPP Spotlight on Worksite Analysis
  - New Year's Day Safety
  - Summaries of injuries, illnesses, and close calls

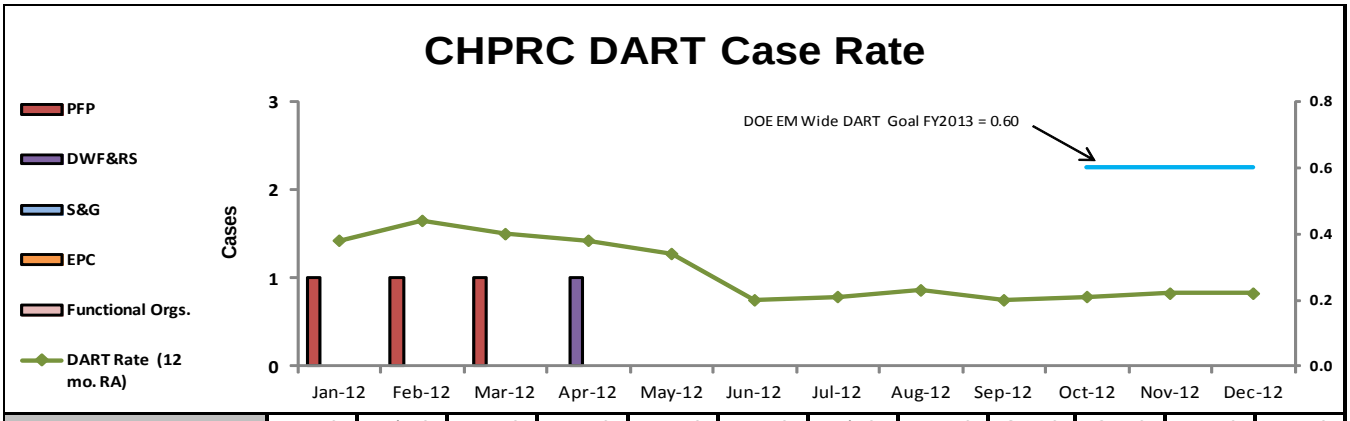
TARGET ZERO PERFORMANCE
December 2012

CHPRC continued focusing on integrating safety programs in all program and project areas.



	Jan-12	Feb-12	Mar-12	Apr-12	May-12	Jun-12	Jul-12	Aug-12	Sep-12	Oct-12	Nov-12	Dec-12
PFP	2	1	1	0	1	0	0	0	0	1	0	0
DWF&RS	0	0	1	1	1	0	1	1	0	0	0	0
S&G	0	0	0	0	0	0	0	0	0	0	0	0
EPC	0	0	0	0	0	0	0	0	0	0	0	0
Functional Orgs.	0	0	0	0	0	0	0	0	0	0	0	0
Recordable Cases	**2**	**1**	**2**	**1**	**2**	**0**	**1**	**1**	**0**	**1**	**0**	**0**
TRC Rate (12 mo. RA)	**0.97**	**0.99**	**0.96**	**0.91**	**0.79**	**0.68**	**0.69**	**0.61**	**0.51**	**0.57**	**0.59**	**0.60**

Total Recordable Injury Case (TRC) Rate – The 12 month rolling average TRC rate of 0.60 is based upon a total of eleven recordable injuries. There were no Recordable cases in December 2012. Hours since last Recordable Case = 809,286.

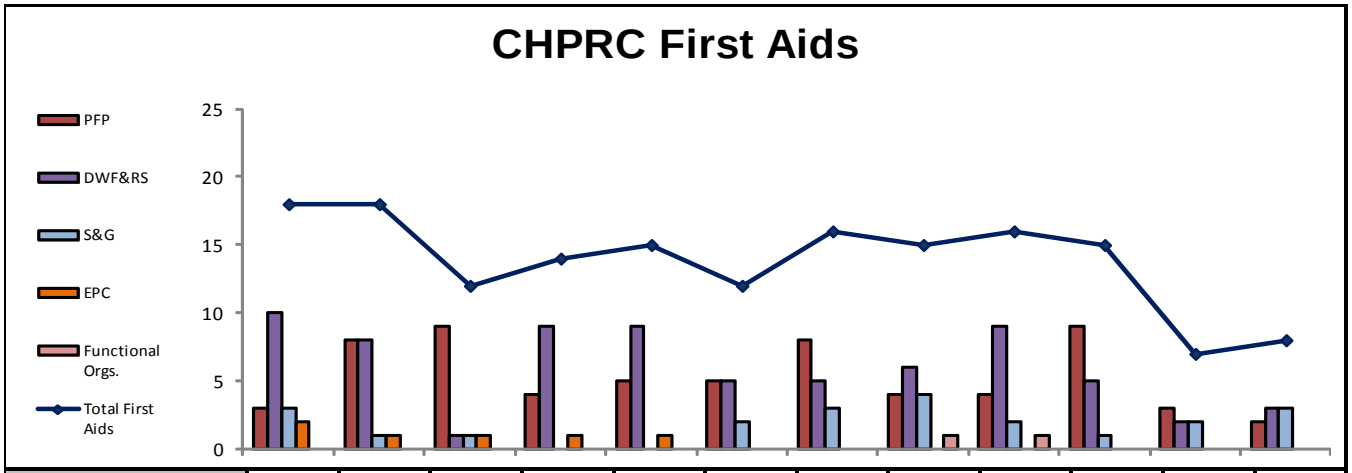


	Jan-12	Feb-12	Mar-12	Apr-12	May-12	Jun-12	Jul-12	Aug-12	Sep-12	Oct-12	Nov-12	Dec-12
PFP	1	1	1	0	0	0	0	0	0	0	0	0
DWF&RS	0	0	0	1	0	0	0	0	0	0	0	0
S&G	0	0	0	0	0	0	0	0	0	0	0	0
EPC	0	0	0	0	0	0	0	0	0	0	0	0
Functional Orgs.	0	0	0	0	0	0	0	0	0	0	0	0
DART Cases	**1**	**1**	**1**	**1**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
DART Rate (12 mo. RA)	**0.38**	**0.44**	**0.40**	**0.38**	**0.34**	**0.20**	**0.21**	**0.23**	**0.20**	**0.21**	**0.22**	**0.22**

Days Away, Restricted or Transferred (DART) Workdays Case Rate – The 12 month rolling average DART rate of 0.22 is based upon a total of four cases (1 Restricted, 3 Days Away Cases). There were no DART cases for December 2012. There are no cases currently under review. Hours since last DART Case = 2,518,722.

NOTE: DOE-EM have revised their TRC rate goal to 1.1, while the DOE-EM DART rate goal is unchanged (0.6) for FY2013.

* The monthly numbers indicated in the chart are updated to reflect the month in which the injury occurred. The rates also capture any changes resulting from reclassified cases or those added as a result of completed investigations.



	Jan-12	Feb-12	Mar-12	Apr-12	May-12	Jun-12	Jul-12	Aug-12	Sep-12	Oct-12	Nov-12	Dec-12
PFP	3	8	9	4	5	5	8	4	4	9	3	2
DWF&RS	10	8	1	9	9	5	5	6	9	5	2	3
S&G	3	1	1	0	0	2	3	4	2	1	2	3
EPC	2	1	1	1	1	0	0	0	0	0	0	0
Functional Orgs.	0	0	0	0	0	0	0	1	1	0	0	0
Total First Aids	**18**	**18**	**12**	**14**	**15**	**12**	**16**	**15**	**16**	**15**	**7**	**8**

First Aid Case Summary – CHPRC reported eight first-aid cases in December 2012. The biggest contributors were five sprains strains and/or pains from awkward positions or overexertion and three various injuries from contact with objects or body motion.

KEY ACCOMPLISHMENTS

Projects

- Refer to Sections A through G of this report for project specific accomplishments.

Project Services and Support

- Refer to the Appendix B section of this report for specific Project Services & Support accomplishments.

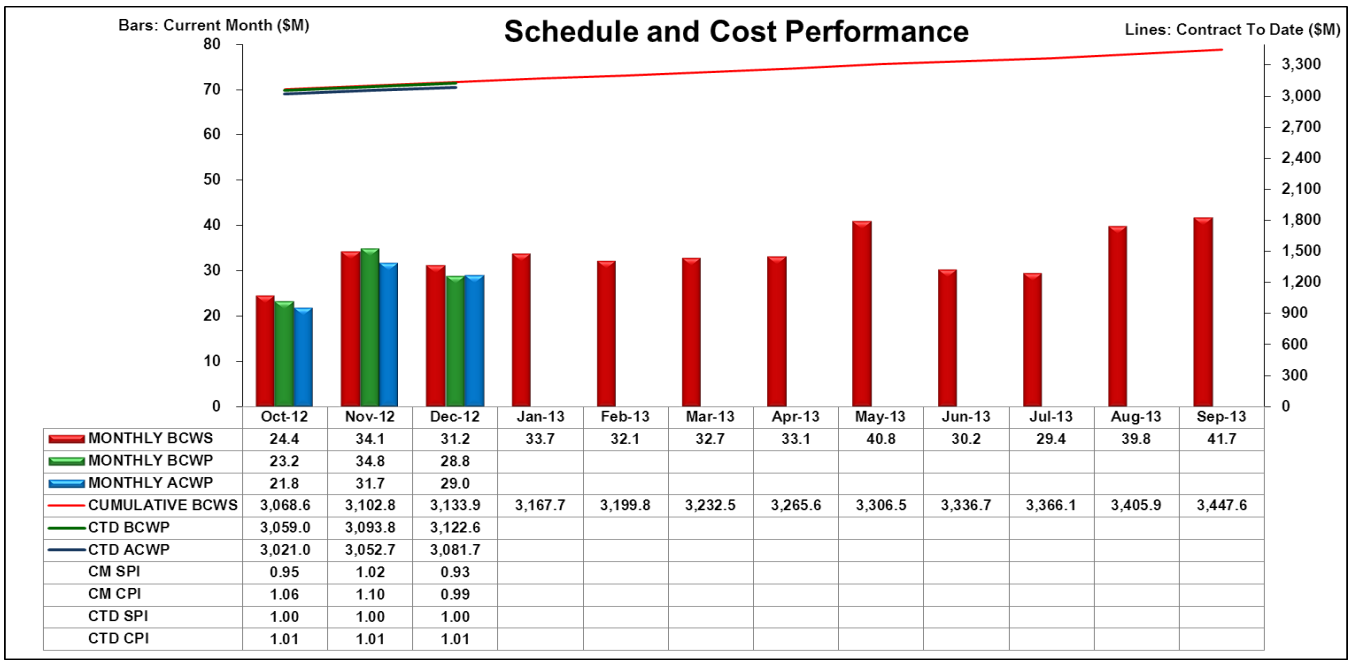
MAJOR ISSUES

Refer to Sections A through G of this report for the project specific Major Issues.

METRICS

Measure/Units	PBS	Oct	Nov	Dec	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	FYTD	Contract-To-Date
Nuclear Facility Completions (# of facilities)	11/40/41	0	0	0	0	0	0	0	0	2
Radiological Facility Completions (# of facilities)	11/40/41	0	0	0	0	0	0	0	0	9
Industrial Facility Completions (# of facilities)	11/40/41	0	0	0	0	0	0	0	0	43
Remediation Complete (# of release sites)	40/41	6	0	0	6	0	0	0	6	32
PFP KPP-1 Gloveboxes Removed	11	1	2	0	3	0	0	0	3	147
PRF Canyon Pencil Tanks Removed	11	5	10	0	15	0	0	0	15	110
MultiCanister Overpacks Shipped	12	0	0	0	0	0	0	0	0	1
Settler Tubes Retrieved	12	0	0	0	0	0	0	0	0	10
Knock Out Pot MCOs Shipped	12	0	0	0	0	0	0	0	0	5
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	1	1	1	3	0	0	0	3	27
SW Ops Complex Container Inspections	13	3	5	4	12	0	0	0	12	116
Contaminated Groundwater Treated (million gallons)	30	126	143	156	426	0	0	0	426	3,601
Preventive Maintenance Packages Completed	40	38	27	29	94	0	0	0	94	1007

EARNED VALUE MANAGEMENT



	Oct-12	Nov-12	Dec-12	Jan-13	Feb-13	Mar-13	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Sep-13
MONTHLY BCWS	24.4	34.1	31.2	33.7	32.1	32.7	33.1	40.8	30.2	29.4	39.8	41.7
MONTHLY BCWP	23.2	34.8	28.8									
MONTHLY ACWP	21.8	31.7	29.0									
CUMULATIVE BCWS	3,068.6	3,102.8	3,133.9	3,167.7	3,199.8	3,232.5	3,265.6	3,306.5	3,336.7	3,366.1	3,405.9	3,447.6
CTD BCWP	3,059.0	3,093.8	3,122.6									
CTD ACWP	3,021.0	3,052.7	3,081.7									
CM SPI	0.95	1.02	0.93									
CM CPI	1.06	1.10	0.99									
CTD SPI	1.00	1.00	1.00									
CTD CPI	1.01	1.01	1.01									

	$M					$M					$M		
	Current Period					Contract to Date					Contract Period		
	Budgeted Cost		Actual Cost	Variance		Budgeted Cost		Actual Cost	Variance				
	BCWS	BCWP	ACWP	Schedule	Cost	BCWS	BCWP	ACWP	Schedule	Cost	BAC	EAC	Variance
RL-0011 - Nuclear Materials Stab & Disp PFP	8.6	8.1	8.4	(0.5)	(0.3)	559.8	551.8	565.1	(7.9)	(13.2)	940.3	988.6	(48.3)
RL-0012 - SNF Stabilization & Disposition	5.5	4.7	4.6	(0.8)	0.1	348.1	342.5	341.9	(5.6)	0.6	605.9	603.8	2.2
RL-0013 - Solid Waste Stab & Disposition	6.8	6.8	6.3	(0.0)	0.5	722.3	721.8	712.0	(0.4)	9.8	1,344.1	1,326.6	17.5
RL-0030 - Soil & Water Rem-Grndwtr/Vadose	7.8	7.1	8.1	(0.7)	(1.0)	827.8	828.6	832.9	0.8	(4.3)	1,491.0	1,490.2	0.8
RL-0040 - Nuc Fac D&D - Remainder	0.9	0.9	0.7	0.0	0.2	367.2	367.1	340.4	(0.0)	26.7	488.7	460.9	27.8
RL-0041 - Nuc Fac D&D - RC Closure Project	1.3	1.0	0.8	(0.3)	0.2	294.6	296.4	276.9	1.9	19.5	467.5	450.6	16.8
RL-0042 - Nuc Fac D&D - FFTF Project	0.2	0.2	0.1	0.0	0.1	14.3	14.3	12.5	0.0	1.9	26.5	24.4	2.1
(Numbers are rounded to the nearest $0.1M) Total	31.2	28.8	29.0	(2.3)	(0.2)	3,133.9	3,122.7	3,081.7	(11.3)	41.0	5,364.1	5,345.1	18.9

Performance Summary

CHPRC continues to track completion of contract scope within budget and is currently projecting a Variance at Completion of $18.9M with $86.4M of Management Reserve for a total positive variance of $105.3M.

Overall, the project was ~7% behind schedule and ~0.5% over cost in December. For FY2013, the project is ~3% behind schedule and ~5% under cost.

Schedule performance in December was primarily due to:

- RL-0011 – PRF work efforts impacted by the failure of the PRF canyon crane, and process vacuum and transfer line removal efforts that were impacted by a suspension of use of non-standard containers and by a management stop work associated with chemical lines. Also contributing to the variance are impacts of various bargaining unit employee actions (e.g., overtime turn down,

upgraded employees' request to return to tools). Unfavorable variances were partially offset by progress earned on work scheduled to be complete in prior periods.

- RL-0012 – A Quality Assurance stand down and stoppage of quality affecting work in early December. Following development and submittal of a Corrective Action Plan from the construction contractor (FE&C) and CHPRC approval of that CAP, work will restart in early January. In addition, there was is a delay to the start of the second settler tank retrieval as the STP Technical Staff evaluates strategies for avoiding a second retrieval campaign.
- RL-0030 – Early completion of the NR-2 barrier work that was planned in FY2013, but completed in FY2011 and FY2012. Other activities contributing to the variance are well drilling delays in H and K areas awaiting determination of well locations and chemical procurements for the 200W P&T that were level loaded in the baseline but will occur later in the Fiscal Year.

Cost performance in December was primarily attributed to RL-0030 close-out/claims issues associated with the 200 W P&T facility construction that were partially offset by realized efficiencies in multiple projects.

FUNDING ANALYSIS
FY2013 Funds vs. Fiscal Year Spend Forecast ($M)

		FY2013		
PBS	Project	Projected Funding	Spending Forecast	Variance
RL-0011	Nuclear Materials Stabilization and Disposition	132.6	131.2	1.5
RL-0012	Spent Nuclear Fuel Stabilization and Disposition	69.5	69.1	0.3
RL-0013	Waste and Fuels Management Project	77.6	78.9	(1.3)
RL-0030	Soil, Groundwater and Vadose Zone Remediation	98.7	98.5	0.1
RL-0040	Nuclear Facility D&D, Remainder of Hanford	11.4	11.2	0.3
RL-0041	Nuclear Facility D&D, River Corridor	12.6	8.6	3.9
RL-0042	Fast Flux Test Facility Closure	2.5	1.8	0.7
	Total Base:	**404.8**	**399.3**	**5.5**

Funds/Variance Analysis:

FY2013 projected funding did not change in the month of December and remains at $404.8M.

BASELINE CHANGE REQUESTS

In December 2012, CHPRC approved and implemented three (3) BCRs, one of which was administrative. Each change request is identified in the table below:

Change Request #	Title	Summary of Change
Implemented into the Earned Value Management System for December 2012		
BCRA-000-13-002R0	*WBS 000 FOC Change*	This BCR realigned a portion of FOC 000.8 – Chief Financial Officer and all of FOC 000.9 – Chief Information Officer from FOC Group 35 – Business Services to FOC Group 36 – Prime Contract & Integration to reflect a recent reorganization.
BCRA-011-13-003R0	*PFP Team Transitioning Activity*	PMB Rev.3 update assumed a two month team transition to allow development of work packages and on-the-job training. After workforce restructuring resource impacts were identified, the activity for staff ramp-up was no longer necessary to support a new team to work the Process Vacuum Removal Scope. Because of this change, the Level of Effort BCWS that was identified to support team transitioning would inaccurately be representing discreet physical field work to remove process vacuum piping and baseline performance would be overstated. Durations and cost of original scope remain constant with the submittal of the FY2013 Baseline Update. No utilization of MR is required and the PMB remains aligned with Mod 220 of the Contract. In addition, several milestones that had the incorrect calendar assigned have been updated with the correct calendar.
BCRA-041-13-001R0	*RL-41 FOC Change*	Separate FOC's for PBS RL-41 are no longer necessary due to the recent re-organization of the Waste and Fuels Project with the 100K Project. This Baseline Change request will eliminate FOC 41.3 – Waste Sites. All WBS elements currently coded to 41.3 will now be coded to FOC 41.1.

Overall, the contract period Performance Measurement Baseline budget is unchanged in December 2012.

Management Reserve Activity

BCR Number	Title	Fiscal Year	MR
N/A	*N/A*	N/A	N/A
Management Reserve did not change in December 2012.			

Fee Activity

Overall, the contract period Fee budget did not change in December 2012.

See the Format 3 Report in Appendix A for a complete listing of the specific change requests and the impact on the PMB budget by fiscal year. There was no change to the Estimated Contract Price in December 2012. The PMB values of change requests processed in December 2012 would be a net zero impact and is summarized by fiscal year in the tables below (dollars in thousands):

December 2012 Summary of Changes

	FY2009	FY2010	FY2011	FY2012	FY2013	FYs 2009-2013	FYs 2014-2018	Contract Period Total	Total PMB
November 2012 Estimate									
PMB	653,426	960,017	1,002,105	428,688	403,352	3,447,588	1,916,480	5,364,068	5,364,068
MR	0	0	0	0	4,027	4,027	82,366	86,392	86,392
Fee	39,712	48,772	32,322	17,023	12,001	149,830	86,698	236,528	236,528
Total	***693,138***	***1,008,790***	***1,034,427***	***445,711***	***419,379***	***3,601,444***	***2,085,544***	***5,686,988***	***5,686,988***
December 2012 Change									
PMB									
Change to PMB	***0***	***0***	***0***	***0***	0	0	0	0	0
MR									
Change to MR	***0***	***0***	***0***	***0***	0	0	0	0	0
Fee									
Change to Fee	***0***	***0***	***0***	***0***	0	0	0	0	0
Total Change	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***
December 2012 Estimate									
PMB	653,426	960,017	1,002,105	428,688	403,352	3,447,588	1,916,480	5,364,068	5,364,068
MR	0	0	0	0	4,027	4,027	82,366	86,392	86,392
Fee	39,712	48,772	32,322	17,023	12,001	149,830	86,698	236,528	236,528
Total	***693,138***	***1,008,790***	***1,034,427***	***445,711***	***419,379***	***3,601,444***	***2,085,544***	***5,686,988***	***5,686,988***

Changes to/Utilization of Management Reserve in December 2012

	FY2009	FY2010	FY2011	FY2012	FY2013	FY2009-2013	FY2014-2018	Total
November 2012 MR Totals								
RL-0011	0	0	0	0	1,100	1,100	20,747	21,847
RL-0012	0	0	0	0	1,017	1,017	14,498	15,515
RL-0013	0	0	0	0	400	400	10,238	10,638
RL-0030	0	0	0	0	980	980	14,660	15,640
RL-0040	0	0	0	0	80	80	7,858	7,938
RL-0041	0	0	0	0	400	400	13,980	14,380
RL-0042	0	0	0	0	50	50	385	435
Total	***0***	***0***	***0***	***0***	***4,026***	***4,027***	***82,366***	***86,392***
December 2012 MR Changes/Utilization								
RL-0011	0	0	0	0	0	0	0	0
RL-0012	0	0	0	0	0	0	0	0
RL-0013	0	0	0	0	0	0	0	0
RL-0030	0	0	0	0	0	0	0	0
RL-0040	0	0	0	0	0	0	0	0
RL-0041	0	0	0	0	0	0	0	0
RL-0042	0	0	0	0	0	0	0	0
Total	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***
December 2012 MR Totals								
RL-0011	0	0	0	0	1,100	1,100	20,747	21,847
RL-0012	0	0	0	0	1,017	1,017	14,498	15,515
RL-0013	0	0	0	0	400	400	10,238	10,638
RL-0030	0	0	0	0	980	980	14,660	15,640
RL-0040	0	0	0	0	80	80	7,858	7,938
RL-0041	0	0	0	0	400	400	13,980	14,380
RL-0042	0	0	0	0	50	50	385	435
Total	***0***	***0***	***0***	***0***	***4,027***	***4,027***	***82,366***	***86,392***

SELF-PERFORMED WORK

Business structure information documents ongoing compliance with the requirements of the Contract Section H.20 clause entitled *Self-Performed Work.*

Contracts-to-Date Actual Awards & Mods				Projection to FY18	
Contracts + POs + Pcard -10/1/2008 -12/31/2012				Planned Subcontracting*	$2,524,483,195
Reporting Category				Contract-to-date awards	$2,024,031,706
			Goal	Bal remaining to award =	$500,451,489
	$	%	%	Goal award $	Bal to goal $
SB	$986,915,083	48.76%	49.30%	$1,244,570,215	$257,655,133
SDB	$178,660,193	8.83%	8.20%	$207,007,622	$28,347,429
SWOB	$197,318,709	9.75%	7.50%	$189,336,240	($7,982,469)
HUB	$45,674,628	2.26%	2.20%	$55,538,630	$9,864,003
VOSB	$115,970,856	5.73%	3.50%	$88,356,912	($27,613,945)
SDVO	$56,272,103	2.78%	1.30%	$32,818,282	($23,453,821)
NAB	$29,628,296	1.46%	N/A	** 10-year subcontracting projection*	
Large	$553,056,504	27.32%	N/A		
GOVT	$1,957,403	0.10%	N/A	PRC clause H.20 small business (SB) requirement:	
GOVT CONT	$478,587,473	23.65%	N/A	≥17% of Total Contract Price performed by SB	
EDUC	$85,656	0.00%	N/A	Total Contract Price:	$5,678,760,928
NONPROFIT	$3,190,415	0.16%	N/A	17% requirement:	$965,389,358
FOREIGN	$235,796	0.01%	N/A	SB Awarded:	$986,915,083
Total	**$2,024,031,706**	**100.00%**	**N/A**	Balance to Requirement:	($21,525,725)

Notes:

1. Since the CHPRC contract award in October of 2008, CHPRC has subcontracted $2.02B in goods and services with over 49% going to small businesses. Nearly all subcontracting goals have been exceeded.
2. Approximately 93% of the total dollars arise from service and staffing Contracts and Contract amendments with five percent of the dollars arising from P-Card purchases and the balance from purchase orders for materials and equipment.
3. This report excludes blanket contract values which are only estimates and not used for payment obligations.
4. Data is summarized by business categories (Women Owned Minority Business Enterprise codes) in accordance with socioeconomic reporting requirements. Small business categories overlap and should not be added together.

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 Carlsbad Field Office.	Ongoing

Section A
Nuclear Materials Stabilization and Disposition of PFP (RL-0011)

CH2MHILL
Plateau Remediation Company

J.W. Long
Vice President and
Project Manager for
PFP Closure Project

December 2012
CHPRC-2012-12, Rev. 0
Contract DE-AC06-08RL14788
Deliverable C.3.1.3.1 - 1

PROJECT SUMMARY

- The Plutonium Finishing Plant (PFP) Closure Project continues to maintain PFP facilities compliant with authorization agreement requirements.

Key Performance Indicators	*Current Month*	*Contract To Date*
Glovebox/ Hood Removed or Dispositioned in Place	-	178 gloveboxes/hoods
KPP Rooms/Areas Ready for Demo	-	60 rooms/areas
Asbestos/ACM Removed	-	17,272 feet
Process Vacuum Piping Dispositioned	551 feet	2,490 feet
Process Transfer Line Dispositioned	0	775 feet
Pencil Tank Units Removed	-	110 pencil tank units
Buildings Ready for Demo	-	32 structures
Buildings Demolished or Removed	-	32 structures
Non-radioactive Waste Shipped	- m^3	37 m^3
TRU/TRU-M Shipped	22 m^3	1,106 m^3
LLW/MLLW Shipped	14 m^3	3,901 m^3

- There were no lost or restricted workday cases this period.
- D&D mission progress at PFP was below planned schedule performance, with cost performance near plan for the month. Removal of plutonium-contaminated process equipment continued, with a particular focus on removing gloveboxes and associated piping and ductwork. The total gloveboxes removed to date remains at 77 percent complete. The large hydraulic rams under HA-13A and HA-13C were removed, size reduced, and packaged as waste, completing the isolation and removal of external lines and equipment connected to the eight gloveboxes in Room 235A-2. The Key Performance Parameter (KPP) Completion Verification Record was completed for closure of Room 235D.
- Due to chemical mitigation efforts, work associated with disposition of process lines was minimal. However, the project was able to disposition 38 feet of process transfer line. In addition, the project took credit this period for 551 feet of process vacuum piping previously dispositioned when gloveboxes were removed from the 234-5Z process and laboratory areas.
- Preparations for canyon entries were completed and canyon entries to repair the canyon crane were initiated. After the initial canyon entries to prepare the work area, a canyon entry was completed to remove the cover on the linkage mechanism between the electric motor and hoist drive shaft. The belt between the electric motor and hoist drive shaft was found to have failed. The sprockets were inspected and no issues were identified. Measurements were taken to support identification of a replacement belt. The failed belt was lowered onto the maintenance table for further inspection. Additional canyon entries were made to replace the broken belt. A 42-inch belt had been ordered, but could not be maneuvered over the retaining flange on the drive sprocket. This resulted in positioning a 42.5-inch belt on the drive sprockets, but was too loose to be tensioned by the idler. During the next canyon entry, the pulley drive sprocket was removed and the shaft cleaned. The pulley drive sprocket with the new belt was reinstalled. Installation of the pulley drive sprocket was unsuccessful. Additional canyon entries to replace the belt are scheduled.
- The cut plans for Pencil Tank Assemblies 31/28A (Tank 31/28A) and 69/70 (Tank 69/70) were completed and reviewed with the field work team.
- Ramp-up of the D&D 242-Z project continued.

EMS Objectives and Target Status

Objective #	Objective	Targets	Actions to Achieve Targets	Due Date	Status
13-EMS-PFP-OB1-T1	Streamline PFP's excess/reuse/ recycle program to reduce the storage time for excess/ reusable items	Develop and implement project requirements, controls, guidelines for better coordination with Hanford excess/reuse/ recycle program	Evaluate PFP's current excess process	12/28/12	100%
			Evaluate CHPRC excess program to improve integration between CHPRC and PFP programs and to identify opportunities for disposition of unused PFP items	3/28/13	0%
		Reduce storage time in the 212-Z Lag Storage to prevent excess/ reuse/ recycle items from becoming unusable	Identify appropriate efficiencies, guidelines, requirements, controls for the 212-Z Lag Storage and PFP excess process	6/27/13	0%
		Implement better controls for PFP's 212-Z Lag Storage by requiring disposition identification and appropriate coordination completion prior to storage at 212-Z	Revise PFP procedures to implement improved excess processes at PFP and 212-Z Lag Storage	9/30/13	0%

TARGET ZERO PERFORMANCE

	Current Month	Rolling 12 Month	Comment
Days Away, Restricted or Transferred	0	3	N/A
Total Recordable Injuries	0	6	N/A
First Aid Cases	2	64	• 12/13/2012 – Employee experienced strain of left shoulder. (22961) • 12/26/2012 – Employee experienced cut on right finger. (22967)
Near Misses	0	0	N/A

KEY ACCOMPLISHMENTS

11.02 Maintain Safe & Compliant PFP

- 291-Z Exhaust Fan (EF) Maintenance
  - Completed bearing replacement of Exhaust Fan 4, 291-Z facility
- Commenced Filter Room 313 filter replacement

11.05 Disposition PFP Facility

Remote Mechanical A and C Lines (RMA/RMC)

- In Room 235A-2, the nondestructive assay (NDA) and application of internal fixative was completed for the eight gloveboxes in this room.
- In Room 235A-3, the mechanical isolation of Glovebox HA-9A continued and the change out of the four HA-9A high holdup glovebox exhaust filters was initiated.
- In Room 228B, the final wipe downs and NDA for gloveboxes HC-15A, -15B, and -15C were completed. The removal of external components on these gloveboxes to support later glovebox removal was also completed.
- In Room 228C, the removal of the nitrogen supply line and filter box was completed. The team then transitioned to Room 166.

Backside Rooms (Rooms 158-172) D&D

- Room 159 Hood Removal
  - Removed 26-in vacuum piping from hoods
  - Performed radiological surveys of hood interiors
  - Applied fixative to hood interior surfaces
  - Designed containment to support E4 separation

Disposition PFP (234-5Z) Facility

- A total of 2,509 feet of 16” Process Vacuum lines has been cut. Of this, 2,490 feet has been size reduced and dispositioned
- Cut 42 feet of transfer lines, for a total of 817 feet cut
- A total of 17,272 feet of asbestos has been removed to date

Chemical Mitigation

- Engineering released chemical listing for process vacuum lines, transfer lines, and process feed line.
- Materials and IH monitoring equipment ordered
- Obtained draft engineering assessment of chemicals suspected in the 26” process vacuum system
- Completed SME approval of work package 2Z-12-08458 for mitigation of chemicals

Plutonium Reclamation Facility (PRF)

- Preparations for initiation of canyon entries to repair the canyon crane were complete
- Several canyon entries were completed to repair the canyon crane. The cause for the failure of the crane was determined to be a failed belt between the electric motor and hoist drive shaft. Two attempts were made to replace the belt
- The cut plans for Tank 31/28A and Tank 69/70 were completed and are being incorporated into the work package

MAJOR ISSUES

Issue – Following discovery of a leaking nitric acid line and exposure of a worker to nitric acid vapors, a review of other chemical lines commenced. Chemical lines were originally thought to have been drained based on documentation from the previous contractor. Ultrasonic testing of chemical lines has since indicated that some chemical lines still need to be drained. Additionally, management is investigating concerns regarding the contents of the chemical lines.

Corrective Action – All accessible chemical lines will be ultrasonically tested to determine if they need to be drained. Engineering has completed a draft list of chemicals that may have been used in the lines. Hazards associated with the identified chemicals and controls for those hazards are under review. The initial work packages are nearing release.

Issue – During cleanup of the maintenance cell on November 13, the canyon crane hoist stopped raising and lowering. The bridge could move south and north, the trolley could move east and west, and the hook could rotate.

Corrective Action – Several canyon entries were completed to repair the canyon crane. The cause for the failure of the crane was determined to be a failed belt between the electric motor and hoist drive shaft. Two attempts were made to replace the belt. Additional canyon entries to replace the belt are scheduled.

RISK MANAGEMENT STATUS

Unassigned Risk
Risk Passed
New Risk
Change

Working - No Concerns
Working - Concern
Working - Critical

Increased Confidence
No Change
Decreased Confidence

Risk Title	Risk Strategy/Handling	Assessment		Comments
		Month	Trend	
RL-011/WBS 011				
PFP-003: More Extensive Cleanout/Decon Required	Develop and implement a detailed process facility characterization plan into the field execution schedule. Determine and obtain approval for ready-for-demolition criteria (contamination removal/cleanup endpoints prior to building demolition). Early characterization provides an opportunity to avoid project schedule impact; however, cost impacts remain.	Working - Concern	No Change	The Characterization strategy is currently under development and meetings were held with project managers to prioritize the approach. The first characterization activity planned to start is 243-ZA. Continue efforts to interface with the PRF to further define ready-for-demolition criteria for the Plutonium Reclamation Facility (236-Z), the most challenging of the facilities.
PFP-004, Risk of PRF Canyon D&D cost/schedule growth	Complete detailed planning/engineering for D&D of PRF canyon, particularly pencil tank removal and canyon decontamination.	Working - Concern	Increased Confidence	Canyon entries were made and it was determined that the cause of the failed crane was a belt. Efforts to identify a path forward, and successfully repair the crane are still underway. All Pencil tank size reduction activities are suspended until repairs are complete.
PFP-009: Problems with Aging Building Systems/Components Impacts D&D	Perform critical system reliability assessments for all of the PFP safety and essential systems; procure critical spares; maintain existing redundancies; repair or replace equipment as failures occur and complete planned facility modifications. Add addition controls to monitor and protect exhaust fans from failure.	Working - Concern	No Change	Repairs of the EF-3 are 100% complete. Teams continued in the month of December to work on scope to further mitigate potential impacts in the future. JCO was also submitted to DOE, and discussions are still pending.
PFP-008: Unexpected High Concentration TRU Material Holdup Discovered	Utilize supplemental NDA and other characterization techniques to identify areas of concern early in the project. Discuss potential response actions and administrative controls with Safeguards and Security, and proceduralize them as needed to guide the project in responding in the event unexpected material is identified.	Working - Concern	Increased Confidence	Planning is continuing to further evaluate the disposition path for the section of piping that was discovered to have higher than expected material holdup. Actions to reduce the hold up for the HC-17 series gloveboxes were complete and NDA results showed that levels are acceptable for the "Remove TRU Whole" initiative.
PFP-014: Unexpected Chemicals/Chemical Residuals or Hazardous Materials Are Discovered at PFP	Conduct wall-to-wall waste identification walk downs, fill out waste identification forms (WIF) and issue WIF reports. Continue planned sampling and identification of areas and equipment with lower confidence levels. Develop a chemical mitigation response team to: perform Ultra Sonic testing to identify all chemical lines with suspect or know quantities of Chemicals, and empty all remaining chemical lines throughout the plant including lines located in PRF	Working - Critical	Decreased Confidence	PCB oil from a hydraulic ram in RMA was discovered to contain TRU holdup (Waste disposal is still pending). No impacts to field teams. Impacts from the high constricted acid discovered in 234-5Z caused the deployment of a chemical response team to identify and drain process lines where appropriate. The reassignment of this team suspended field work for MT mechanical isolation activities until chemical liquids are characterized, and or drained. In addition, management stopped work for chemical lines in the duct level, and all work packages associated with breaching of chemical lines throughout the plant until a path forward is identified.
PFP-058: OPP: Cost Savings Initiatives	Working with RL, CHPRC has undertaken a process to identify, implement, and track efficiencies. High probability efficiencies have been identified and evaluated to establish potential cost reductions. These efficiencies include a range of more cost efficient methods of performing work.	Working - Concern	Decreased Confidence	Management is continuing to evaluate potential efficiencies across the PFP complex. Cost Performance is below the established target of 102% for the current fiscal month.

Risk Title	Risk Strategy/Handling	Assessment		Comments
		Month	Trend	
RL-011/WBS 011				
PFP- 079 – Extend Respiratory Protection Time & Operating Efficiencies	Establishing expectations and behaviors that streamline the shift/pre-job briefings, dress/undress times to allow for additional on-tool time and achieve 2-entries per day. Monitor stay-times and work patterns to establish efficiency increases to 2.5 hours per entry. Achieve consistency in work package preparation to minimize downtime.			Continue to implement Breakthrough Initiative #1, Tool Time actions.

PROJECT BASELINE PERFORMANCE
Current Month
($M)

WBS 011/RL-0011 Nuclear Matl Stab & Disp PFP	Budgeted Cost of Work Scheduled (BCWS)	Budgeted Cost of Work Performed (BCWP)	Actual Cost of Work Performed (ACWP)	Schedule Variance ($)	Schedule Variance (%)	Cost Variance ($)	Cost Variance (%)
Total	8.6	8.1	8.4	(0.5)	-6.3%	(0.3)	-3.6%

Numbers are rounded to the nearest $0.1M

CM Schedule Variance: (-$0.5M/-6.3%)

The unfavorable schedule variance is primarily the result of delayed PRF work efforts, due to the failure of the PRF canyon crane, and process vacuum and transfer line removal efforts, impacted by a suspension of use of non-standard containers and a management stop work associated with chemical lines. Also contributing to the unfavorable variance are impacts recognized by various bargaining unit employee actions (e.g., overtime turn down, upgraded employees' request to return to tools) associated with the ongoing Collective Bargaining agreement negotiations. The unfavorable variances are offset by progress earned on work that was scheduled to be completed in prior periods.

CM Cost Variance: (-$0.3M/-3.6%)

The cost variance is within reporting thresholds.

Contract-to-Date
($M)

WBS 011/ RL-0011 Nuclear Matl Stab & Disp PFP	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)
Total	559.8	551.8	565.1	(7.9)	-1.4%	(13.2)	-2.4%	940.3	988.6	-48.3

Numbers are rounded to the nearest $0.1M

CTD Schedule Variance (-$7.9M/-1.4%)

The schedule variance is within reporting thresholds.

CTD Cost Variance (-$13.2M/-2.4%)

The cost variance is within reporting thresholds.

Variance at Completion (-$48.3M/-5.1%)

The variance at completion is primarily a result of extending level-of-effort services, consistent with delayed activities in support of completing TPA Milestone M-083-00A.

Estimate at Completion (EAC)

The BAC and EAC include FY2009 through FY2018, the PRC contract period.

The EAC changes from November to December are within reporting thresholds.

Contract Performance Report Formats are provided in Appendix A.

FUNDS vs. SPEND FORECAST ($M)

	FY2013		
WBS 011/RL-0011 Nuclear Matl Stab & Disp PFP	Projected Funding	Spending Forecast	Spend Variance
RL-0011	132.6	131.2	1.5

Numbers are rounded to the nearest $0.1M

Funds/Variance Analysis

Funding includes FY2012 carryover and FY2013 new Budget Authority.

Critical Path Schedule

Critical Path analysis can be provided upon request.

Baseline Change Requests

BCRA-011-13-003R0 – *PFP Team Transitioning Activity*

MILESTONE STATUS

None identified at this time.

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)

None identified at this time.

Section B
Spent Nuclear Fuel Stabilization and Disposition (RL-0012)

CH2MHILL
Plateau Remediation Company

L.T. Blackford
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December 2012
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Deliverable C.3.1.3.1 - 1

PROJECT SUMMARY

The Engineered Container Retrieval and Transport System (ECRTS) team continued working on incorporating the disposition of comments resulting from the Formal Design Review of the Final Design Report conducted in August 2012. The incorporation of these comments will be completed simultaneous to alignment of the final design with the Preliminary Documented Safety Analysis (PDSA) document.

Work on supporting documentation for the PDSA included an update of the Failure-Modes-Effects Analysis (FMEA), Project Execution Plan and Contractor Integrated Project Team Charter, and an evaluation of the hazards and update of the design documentation for the procurement of the hose-in-hose transfer lines that will be installed in the Annex hose chase.

Annex construction efforts early in the period included removal of concrete footing formwork, cleaning of rebar and removal of curing compound. Subsequent backfill of the building footings began on November 27, 2012. Hose-in-hose chase foundation preparation also continued along with installation of the new modified fire riser piping, underground conduit installations, and associated backfill. Preparations for installation of the Annex Loading Bay Truck Scale slab began on November 29, 2012.

On December 5, 2012, the K West Annex Construction Contractor initiated a stand-down to address project quality performance concerns and develop a corrective action plan. This limited progress on construction activities affecting quality. As a result, only non-quality related work was performed while corrective actions are implemented to address quality performance concerns. The contractor submitted a draft quality Corrective Action Plan (CAP) on December 12, 2012, which was followed by CHPRC comments and a series of meetings between CHPRC and Contractor staff to review and resolve details of the CAP. Quality-affecting work will be resumed following resolution of identified issues and approval by CHPRC, which is expected in early January.

Additional K West Annex construction work accomplished during the month included subgrade preparations and the installation of concrete form work for the Annex Truck Scale Slab, sump walls and building stem walls; completion of fire water drain piping to the lift station and preparations for a leak test; and excavation for installation of Annex telecommunication utilities. In addition, work performed included excavations for utilities and pull boxes; building scupper and floor drain pipe installation; survey layouts and additional concrete demolition for the new doghouse foundation.

Preparation for the ECRTS Integrated Process Optimization Demonstration (IPOD) continued at the Maintenance and Storage Facility (MASF) with a focus on panel 201 wiring and control logic. In addition, the sand filter was installed into its final test position and the sludge transfer storage cask (STSC) installed into the cask. Installation of turbidity instrumentation and plumbing and electrical connections was completed.

IPOD progress also included installation of STSC main processing hoses, but the transfer box and STSC hose interface had to be repositioned. Information was then communicated to the design team for incorporation into design drawings. Decant and transfer box actuators were received from the vendors and installation and wiring of the actuators was completed. Modified decant, transfer, and sand filter box testing was initiated with manual valve cycling, actuator stop tuning, and instrument air system in-service leak tests. Personnel removed pool water to outdoor storage tanks and sent transfer pump pressure instruments to the calibrations lab, reinstalled instrumentation, washed and cleaned the pool, filtered the stored water, and refilled the pool.

The IPOD is currently scheduled to commence early in April 2013.

STP is in the process of re-purposing the Cold Vacuum Drying Facility (CVDF) from an operating nuclear facility to a maintenance support mission. Due to the multi-canister overpack (MCO) processing mission, the facility has a Hazard Category 2 rating and it is necessary to characterize the facility as a less than Hazard Category 3 rating before the facility can be transitioned to a maintenance support mission.

Two post operational activities need to be completed at CVDF before the facility can complete the transition. The first is the draining of the final training MCO, which was completed and the MCO then moved from CVDF and stored next to the other training MCOs awaiting final disposition. (This is the last time CVDF will be used to drain an MCO.) The only remaining set of post operational activities are the post-use loop calibrations required by the Office of Civilian Radioactive Waste Management (OCRWM). Seven out of 12 of these calibrations have been completed and progress continues on the remaining five packages. In addition, 11 of 18 MCO-specific data packages are complete, with an additional two in final review.

EMS Objectives and Target Status

Objective #	Objective	Target	Due Date	Status
13-EMS-DWF&RS-OB1-T1	Reduce the generation and/or waste at the source.	Identify a new mission for the Cold Vacuum Drying Facility (CVDF).	9/30/13	32%
13-EMS-DWF&RS-OB3-T1	Reduce energy consumption and air emission impacts associated with use of fossil fuel generators.	Develop a plan to optimize the use of fossil fuel portable generators and light plants under CHPRC management control at 100K area.	7/30/13	25%

TARGET ZERO PERFORMANCE

	CM Quantity	Rolling 12 Month	Comment
Days Away, Restricted or Transferred	0	1	N/A
Total Recordable Injuries	0	2	N/A
First Aid Cases	1	19	12/19/12 – Employee slipped on ice, fell, and landed on shoulder. Body part affected: shoulder (22964)
Near-Misses	0	0	N/A

KEY ACCOMPLISHMENTS

- The internal review of the CVDF Transition Plan was completed, and following RL review and the incorporation of RL comments, it was approved internally.
- The ECRTS Testing and Demonstration Strategy Document, an important precursor to the IPOD, was initiated.

RISK MANAGEMENT STATUS

Unassigned Risk
Risk Passed
New Risk
Change

Working - No Concerns
Working - Concern
Working - Critical

Increased Confidence
No Change
Decreased Confidence

Risk Title	Risk Strategy/Handling	Assessment		Comments
		Month	Trend	
RL-012/WBS 012				
STP-007 Competing Priorities	Develop detailed working schedules and institute interface meetings to communicate priorities and progress. Overtime used to mitigate impacts of schedule delay.	Working - Critical	No Change	No change in trend over past month.
STP-ANX-008: Annex Design and Requirements Changes	Maintain rigorous control of design specifications. Streamline approach for addressing contractor submittals and RFI's to acknowledge and minimize design changes. Communicate regularly with stakeholders (DOE, contractors, and CHPRC organizations) regarding impacts and potential changes.	Working - Critical	Decreased Confidence	Several change and design requests have been received from the vendor. Project evaluating changes and potential impacts to cost and schedule.
STP-ANX-001: Annex Subcontract Change Orders/Claims	Prepare accurate Functional Requirements and SOW. Monitor Subcontractor activities and identify problem areas. Develop an efficient approach for handling contractor submittals and RCI's	Working - Critical	Decreased Confidence	Several change and design requests have been received from the vendor. Project evaluating changes and potential impacts to cost and schedule.
PRC-058: Cost Savings Initiatives Opportunity	Evaluate processes to re-sequence activities and remove unnecessary/self-imposed requirements. Develop tracking system for efficiencies and monitor performance to achieve efficiencies.	Working - Concern	No Change	Maintain Fiscal Year Cost Performance Index (CPI) greater than 104%. Cost Performance above 104%
STP-067: Safety Significant Components	Integrate nuclear safety representation on design team to minimize potential for changes in component classifications (Safety Significant to Safety Class and General Service to Safety Significant). Expedite submittal and approval of PDSA.	Working - Concern	No Change	PDSA progressing and scheduled submittal in January 2013.
STP-002: STP Uncertainties	Force design parameters to limit control systems to the extent practicable. Test multiple components/systems concurrently to ensure technologies are transferable to the basin application/environment.	Working - Concern	No Change	No issues at this time. MASF Testing progressing as planned
STP-006B: Sludge Different than Simulant - Retrieval	Develop simulant recipes based on the sludge Databook (SNF-TI-015) and develop a range of simulants to be used during testing. Utilize simulant recipes during MASF testing.	Working - Concern	No Change	No issues at this time. MASF Testing progressing as planned

PROJECT BASELINE PERFORMANCE

Current Month

($M)

RL-0012 Spent Nuclear Fuel Stabilization and Disposition	Budgeted Cost of Work Scheduled	Budgeted Cost of Work Performed	Actual Cost of Work Performed	Schedule Variance ($)	Schedule Variance (%)	Cost Variance ($)	Cost Variance (%)
Total	5.5	4.7	4.6	(0.8)	-14.4%	0.1	2.4%

Numbers are rounded to the nearest $0.1M

CM Schedule Performance (-$0.8M/-14.4%)

The current month negative variance is due to continued delays with the Annex construction as design issues are resolved, changes implemented, and a quality stand down occurred. Additionally, delays in the Final Settler Tank Retrieval are the result of focus on the CVDF layup and the Project continues to evaluate whether material meets criteria for characterization as low-level waste.

CM Cost Performance (+$0.1M/+2.4%)

The current month positive variance is due to Mission Support Alliance support (crane and rigging, facility services, and motor carrier services) for 100K Operations has been less than expected to date. STP Testing is completing work with fewer resources (materials and support from Fluor Federal Services). In addition, planned efficiencies are being realized in 100K Operations in support of overall Company goals.

Contract-to-Date

($M)

RL-0012 Spent Nuclear Fuel Stabilization and Disposition	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)
Total	348.1	342.5	341.9	(5.6)	-1.6%	0.6	0.2%	605.9	603.8	2.2

Numbers are rounded to the nearest $0.1M

CTD Schedule Performance (-$5.6M/-1.6%)

Variance is within reporting thresholds.

CTD Cost Performance (+$0.6M/+0.2%)

Variance is within reporting thresholds.

Estimate at Completion (EAC)

The current EAC change is within reporting thresholds.

Contract Performance Report Formats are provided in Appendix A.

FUNDS vs. SPEND FORECAST ($M)

RL-0012 Spent Nuclear Fuel Stabilization and Disposition	FY2013 Projected Funding	FY2013 Spending Forecast	FY2013 Spend Variance
RL-0012	69.5	69.1	0.3

Numbers are rounded to the nearest $0.1M.

Funds/Variance Analysis

Funding includes FY2012 carryover and FY2013 new Budget Authority.

Critical Path Schedule

Critical Path Analysis can be provided upon request.

Baseline Change Requests

None currently identified.

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 Annual Update, implemented in October 2012, 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. TPA Milestones are currently being renegotiated between the Parties to align milestone work scope with anticipated FY2013 funding scenarios and Hanford site priorities.

Number	Title	Type	Due Date	Actual Date	Forecast Date	Status/ Comment
DNFSB 120W	Complete Sludge Treatment	DNFSB	11/30/09			A pending Implementation Plan update will address this milestone.
M-016-172	Complete KOP Material Removal from 105KW Fuel Storage Basin	TPA	9/30/12	9/10/12		Complete.
M-016-174	Complete final design of Sludge Retrieval and Transfer System	TPA	9/30/13		9/30/13	On Schedule

SELF-PERFORMED WORK

The Section H.20 clause entitled, Self-Performed Work, is addressed in the Monthly Report Overview.

GOVERNMENT FURNISHED SERVICES AND INFORMATION (GFS/I)

None currently identified.

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

CH2MHILL
Plateau Remediation Company

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PROJECT SUMMARY

The W&FMP continued maintaining facilities in a safe and compliant condition. Liquid Effluent Facilities (LEF) received 87 tankers (calendar year [CY] 354k gallons). Liquid Effluent Retention Facility (LERF) Basin 43 received 149k gallons of ERDF leachate (CY 2.19M). Canister Storage Building (CSB) completed first 10-year MCO gas sample. T Plant completed Annual Waste Container Inventory. The project supported tours of WESF, T-Plant and CWC for DOE and DNFSB.

EMS Objectives and Target Status

Objective #	Objective	Target	Due Date	Status
13-EMS-DWF&RS-OB2-T1	Reduce the acquisition, use, and release of toxic and hazardous chemicals and materials.	Minimize spills of hazardous materials and petroleum to the environment from DWF&RS facilities and activities through use of training, equipment, spill prevention techniques, and monitoring.	9/30/13	
13-EMS-DWF&RS-OB4-T1	Strengthen the DWF&RS environmental compliance program by reducing the risk of noncompliance with regulatory requirements.	Develop compliance matrices for CSB, ISA, WESF, ETF, and LERF facilities and operations.	9/30/13	
13-EMS-DWF&RS-OB5-T1	Reduce the generation and/or toxicity of waste at the source.	Develop a plan to disposition unneeded equipment and materials currently being stored in conex boxes and laydown yards that are under DWF&RS management control.	8/31/13	

TARGET ZERO PERFORMANCE

	CM Quantity	Rolling 12 Month	Comment
Days Away, Restricted or Transferred	0	0	N/A
Total Recordable Injuries	0	2	N/A
First Aid Cases	1	23	12/2/12 – Employee reported right ring finger and trigger finger strain due to the repetitive tasks. Body part affected: Finger (22957).
Near Misses	0	0	N/A

KEY ACCOMPLISHMENTS

13.01 Project Management

- Continued Project Management support for high priority projects.
- Prepared and submitted Potential Notification of Change for Box 231 ZDR-11.

13.02 Capsule Storage & Disposition

- Performed tour for new Defense Nuclear Facilities Safety Board (DNFSB) board members
- Issued letter to Contractor (Randolph Sheetmetal) to honor warranty roof repairs, awaiting response.
- Performed inner capsule movement testing in Pool Cell #1
- Completed the upgrade of Pool Cell Area Radiation Detector Alarms/Monitors (RA-AR-17) to Safety Significant Quality Level 2 and returned to service
- Initiated field work on replacement Radiation Indicator Transmitters (RIT) for K-3 Filter Pit and Tank 100. Detectors were shipped back to vendor for cable sizing

13.03 Canister Storage Building (CSB)

- Continued Knock Out Pot (KOP) multi-canister overpack (MCO) monitoring program
- Completed four-month gas sample for second KOP MCO
- Completed first 10-year MCO gas sample
- Completed six-month ISA special nuclear material inventory
- Completed quarterly Gaseous Effluent Monitoring System (GEMS) -100 functional tests
- Completed annual & biennial MEGA® door inspection and lubrication
- Completed six-month shield door inspection

13.07 WRAP

- Layup Plan - Continued 2404-WB drum hauler work package resolution
- Completed Area Radiation Monitor (ARM) functional testing at High Energy Real Time Radiography (HERTR)
- Supported Department of Health (DOH) Major Stack Inspection
- Completed mechanical rebuild of Isokinetic Stack Effluent Monitoring System (ISEMS) record sampler vacuum pump
- Completed one year Dwyer calibrations in WRAP processing area
- Completed ISEMS vacuum pump replacement
- Completed replacement of the Alpha/Beta Continuous Air Monitor (CAM) Vacuum Pump 552A in the Process HVAC room
- Completed seven Technical Safety Requirement (TSR) surveillances
- Completed 14 Preventive Maintenance (PM) packages
- Completed 82 Radiological (Rad) surveillances
- Completed 42 Operational surveillances

13.08 T-Plant

- Completed the reduction of sanitary water lines in 271T
- Completed T Plant Annual Waste Container Inventory
- Completed annual chemical inventory for Emergency Planning and Community Right-To-Know

Act of 1986 (EPCRA) Reporting

- Completed troubleshooting and repaired 291T Alpha Continuous Air Monitor (CAM)
- Completed troubleshooting, repair, and third party inspection of the 271-T freight elevator
- Completed the extension of down spouts (gutters) for two areas on 2706-T and 221-T which were creating a sink hole next to buildings
- Supported a DOE-sponsored tour of T Plant for a group of ~20 members of the B Reactor Museum Association (BRMA)
- Performed troubleshooting and repaired a lighting panel located in the 2706-T electrical room
- Continued 291T Stack Alpha CAM upgrades
- Completed the shop fabrication of new manifolds for the Alpha Sentry CAMs and initiated calibration of the CAMs
- Completed four TSR surveillances
- Completed 25 PM packages
- Completed 260 Rad surveillances
- Completed 196 Operational surveillances

13.09 Central Waste Complex (CWC)

- Operations
  - Completed weekly cold weather inspections
  - Completed 2401-W universal waste shipment
  - Supported DOE tour of Trench 94
  - Received dimension survey data report for CWC waste box 231 ZDR-11. An Operations and Engineering review revealed no issues related to the IP-1 box fabrication (pending DOE direction)
  - Completed annual container inventory at CWC 2402WE, 2402WK, 2403WC, 2402WG, Low-Flash Point Mixed Waste Modules and Alkali Metal Waste Storage Modules (AMWs)
  - Completed 2403WC/WD six month inspection and lube, returning exhaust fan #4 to service
  - Moved three 212N boxes to the expansion area from 218-W-5 burial ground
  - Completed scaffold build around 212N over-pack box planned for expansion area box W4BT11-0049
  - Moved flammable cabinets from Burial Ground 12B to Connex Box CC2W0025 near MO-743 in support of chemical management
  - Completed six TSR surveillances
  - Completed 13 PM packages
  - Completed 190 Rad surveillances
  - Completed 72 Operational surveillances
- Shipments
  - Received one SLB2 and two SWBs from Plutonium Finishing Plant (PFP) into CWC
  - Received two shipments of Macroencapsulation Mix Low Level Waste (MLLW) from PermaFix Northwest (PFNW)
  - Received five metal boxes into Mixed Waste Trench (MWT) 31 from PFNW

13.11 Liquid Effluent Facilities (LEF)

- Received (calendar year [CY]) 87 tankers; 354k gallons

- Treated effluent to State-Approved Land Disposal Site: No change (CY 9.46M)
- Discharged 1.59M gallons (CY 19.23M) at 200A Treated Effluent Disposal Facility (TEDF)
- Received Environmental Restoration Disposal Facility (ERDF) leachate (149k gallons) at Liquid Effluent Retention Facility (LERF) Basin 43 (2.19M CY) and Basin 44 (0.58M CY)
- Continued operating the 310 Retention Transfer System (RTS): CY 98k gallons
- Completed evaluation of 48 of 53 Nuclear Safety and Performance Evaluation Board (NSPEB) individual issues in the Comment Reporting and Resolution System. Team established and initiated causal analysis for overall concern.
- Continued receiving Mixed Waste Trench leachate tankers
- Continued receiving perched water tankers from BP-5
- Restart the Thin Film Dryer with feed from Concentrate Tank B containing Basin 43 brine
- Maintenance Activities:
  - Completed permit-required visual inspection of SUMP 1 (20B-TK-1)
  - Completed permit-required Non-Destructive Examination (NDE) of first and second reverse osmosis (RO) feed tanks (60F-TK-1 and 60F-TK-2)
  - Completed installation of second RO feed pump 60F-P-2A
  - Completed change out and aerosol testing of high-efficiency particulate (HEPA) filters for exhaust fan 45B-F-1C
  - Continued shop fabrication to replace Basin 44 recirculation line
- Evaporator Heat Exchanger Repairs:
  - Performed extensive grinding and root welding of defects on both the east and west sides of the heat exchanger wall. The west side contained the defects which breached the shell of the vessel
  - Completed dye penetrant testing of the heat exchanger with several additional indications (defects) identified after repair work was conducted. Incurred repair delays due to inconsistent Non-Destructive Examination (NDE) techniques (i.e., covered defects) and from crack propagation during weld repairs
  - Suspended repair work to completed modifications in Statement of Work (SOW) for the repair to the heat exchanger. SOW was upgraded from QL-0 to QL-3 including a comprehensive list of required submittals (NDE procedures, NDE qualifications, and Welder performance qualifications).
  - Modified work package and traveler to document for the additional defects and the subsequent repairs to be performed. In addition, the modifications allowed for work to be performed in parallel on east and west side repairs.
  - Completed planning to cut front edge of baffle plate from interior of heat exchanger in preparation of weld repairs
    - Planning for final repairs 90 percent complete
  - Established special shift (swings) for a three week period (12/3 through 12/21) to perform repairs to heat exchanger
- Basin 44:
  - Continued with surveys/posting verification activities
  - Initiated piping manifold changes to additional valves which will minimize system breaches during water removal process

- Work impacted by resource availability (applied to Basin 42) and weather impacts
- Basin 42:
  - Continued dirt removal from LERF Basin 42 cover
  - Deployed the floating pump assembly and continued with water removal at LERF Basin 42
  - Changed filters plugged on the water removal system. Water removal impacted due to ice buildup on Basin 42 cover
  - Modified work package to allow for mockup of bulk vegetation removal

13.12 Integrated Disposal Facility

- Completed six Operational Surveillances

13.16 Off Site Spent Nuclear Fuel Disposition

- Maintained coordination for offsite Spent Nuclear Fuel Disposition

13.21 Mixed Waste Disposal Trenches

- Completed 28 Radiological and four Operational surveillances
- Completed one TSR Surveillance

MAJOR ISSUES

Issue – There was a biological contamination spread at LERF Basin 44.

Corrective Action – Resources were deployed and will continue to be used in response and recovery.

Status – Surveys and air monitoring continue; continuing to work with MSA on bird deterrent methods; developed work package to remove vegetation, water, soil and debris from the cover; once water and sediment are removed, a comprehensive cover inspection will be performed and path forward developed for repairs based upon inspection results.

Issue – Basin 43 campaign shutdown required due to a leak on the evaporator heat exchanger.

Corrective Actions – Completed contract for repairs to pressure vessel (heat exchanger); completed inner heat exchanger surface cleaning, removed glove bag for testing; removed a portion of the baffle plate (approximately nine inches) to verify shell repairs compliance with code.

Status – Completed decontamination, work package planning, and work site preparations (bullpen, splash shields and saddles fabrication). Special shift (swings) established for dedicated resources on repairs and lessen impact on lower priority work. Repairs continue (grinding, welding and nondestructive examination). Installed glove bag and worked on decontamination and cleaning for inspection. Non-Destructive Evaluation has reviewed conditions in order to allow glove bag removal.

RISK MANAGEMENT STATUS

Unassigned Risk
Risk Passed
New Risk
Change

Working - No Concerns
Working - Concern
Working - Critical

Increased Confidence
No Change
Decreased Confidence

Risk Title	Risk Strategy/Handling	Assessment		Comments
		Month	Trend	
RL-0013				
PRC-007: ERDF WAC Revised	Provide budget for waste treatment and disposal to ERDF. Package and deliver waste in accordance with ERDF waste profiles. Waste profiles are assumed to be compliant with ERDF WAC	Green	⇧	CHPRC waste generation process and practices provided funding to WCH to perform in-trench macro encapsulation. EPA may request WCH halt in-cell macro encapsulation waste treatment activities. CHPRC is working with WCH to evaluate the planned waste expected to be macro encapsulated at ERDF within the next 12 months.
WSD-019: Commercial Capability	MLLW treatment capacity/capability does not meet Hanford needs or treatment does not occur as scheduled. W&F manages contract for CHPRC waste treatment. Work scope within PBS RL-0013 is not impacted. Mixed Waste may require temporary storage within CWC until sufficient volume is generated for efficient processing.	Yellow	⇩	Forecasted volumes from CHPRC Projects may not allow commercial capability to remain viable. Working with vendor(s) to understand impacts.
WSD-125: Three-Year Pause in Waste Processing Results in Unexpected Container Integrity Issues	Perform weekly waste container surveillances and overpack as required. Perform overpack or covering as required to mitigate condition. Schedule repackaging at appropriate facility.	Yellow	⇔	Legacy containers in expansion area are requiring additional resources. The actions associated to minimize issues with the containers in the Long-Term Box Storage are not in planning for FY2013 or beyond.
WSD-079 (WRAP) WSD-097 (T-Plant) WSD-120 (WESF) WSD-121 (LERF) WSD-122 (CSB) WSD-135: (ETF) Equipment Failure at W&F Facility	Continue with the current maintenance program and aggressive PM and CM program. Maintain spare parts inventory, perform Preventative Maintenance as scheduled, and remove unused equipment from service.	Yellow	⇔	• Biological contamination has been detected and may be associated with LERF Basin 44. Continue to sample and monitor area. • Thin-Film Dryer rotor replacement scheduled during next ETF outage and replacement of heat exchanger could be required. • Continuing to experience greater than planned maintenance at ETF and LERF.
WSD-133: Results of External Audits/Assessments Impact Operations	Conduct operations in accordance with current approved procedures and processes. CHPRC and RL conduct routine assessments to assess conduct of operations and maintenance activities. Work with oversight groups to understand regulatory basis for interpretations.	Yellow	⇩	WESF Corrective Action Plan developed in response to the DNFSB audit from June 2011 is nearing completion. Washington Department of Ecology performed inspection of CWC on September 17. In discussions regarding feedback.
PRC-058: Cost Savings Initiatives Opportunity	Evaluate processes to re-sequence activities and remove unnecessary/self-imposed requirements. Develop tracking system for efficiencies and monitor performance to achieve efficiencies.	Yellow	⇩	Maintain Fiscal Year Cost Performance Index (CPI) greater than 117%. Cost Performance for fiscal month less than planned. FYTD Cost Performance Index 113%. Emerging issues/realized risks offsetting planned efficiencies.

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 (%)
Total	6.8	6.8	6.3	(0.0)	-0.4%	0.5	7.1%

Numbers are rounded to the nearest $0.1M

CM Schedule Performance (-$0.0M/-0.4%)

The unfavorable current period schedule variance is within threshold.

CM Cost Performance (+$0.5M/+7.1%)

The favorable current period cost variance is within threshold, but is primarily the result continued implementation of planned efficiencies.

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)
Total	722.3	721.8	712.0	(0.4)	-0.1%	9.8	1.4%	1,344.1	1,326.6	17.5

Numbers are rounded to the nearest $0.1M

CTD Schedule Performance (-$0.4M/-0.1%)

The unfavorable schedule variance is within threshold.

CTD Cost Performance (+$9.8M/+1.4%)

The favorable cost variance is within reporting threshold.

Estimate at Completion (EAC)

The BAC and EAC include FY2009 through FY2018.

The changes in EAC from November to December are within reporting thresholds.

Contract Performance Report Formats are provided in Appendix A.

FUNDS vs. SPEND FORECAST ($M)

	FY2013		
WBS 013/RL-0013 Waste and Fuels Management Project	Projected Funding	Spending Forecast	Spend Variance
RL-0013	77.6	78.9	(1.3)

Numbers are rounded to the nearest $0.1M.

Funds/Variance Analysis

Funding includes FY2012 carryover and FY2013 new Budget Authority.

Critical Path Schedule

Critical path analysis can be provided upon request.

Baseline Change Requests

None Identified.

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 Annual Update, implemented in October 2012, 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. TPA Milestones are currently being renegotiated between the Parties to align milestone work scope with anticipated FY2013 funding scenarios and Hanford site priorities.

Number	Title	Type	Due Date	Actual Date	Forecast Date	Status/ Comment
M-091-40U-T01	Retrieve a minimum of 250 cubic meters of CH RSW in FY2012	TPA	9/30/12			To be missed. Activity currently not funded. DOE-RL Ltr 12-AMRP-0142 dated 8/30/12, notifies Ecology milestone will not be met.
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. DOE-RL Ltr 12-AMRP-0142 dated 8/30/12, notifies Ecology milestone will not be met.
M-016-93B	Submit Implementation Workplan To Prepare TRU/TRUM Waste	TPA	12/31/12	12/20/12		Completed.
M-091-44P	Designate all RH TRUM Waste & Lrg Containers of CH TRUM Waste	TPA	12/31/12	12/30/12		Completed.
M-091-44Z-003	Annual PMM or Qtrly Notification of Cert of CH/RH TRUM	TPA	12/31/12	12/6/12		Completed.

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 (pending restart of WIPP Shipments)

Section D
Soil and Groundwater Remediation Project (RL-0030)

CH2MHILL
Plateau Remediation Company

R.S. Popielarczyk
Vice President and
Project Manager for
Soil and Groundwater
Remediation Project

M. N. Jaraysi
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C. M. Kronvall
Acting Vice President for
Engineering, Projects
and Construction

December 2012
CHPRC-2012-12, Rev. 0
Contract DE-AC06-08RL14788
Deliverable C.3.1.3.1 - 1

PROJECT SUMMARY

Work included Pump-and-Treat (P&T) Operations and Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA) remedial process documentation for the River Corridor and Central Plateau. Sampling and groundwater treatment completed in December includes the following:

- 24.7M gallons groundwater treated by KX treatment facility
- 12.1M gallons groundwater treated by KW treatment facility
- 13M gallons groundwater treated by KR-4 treatment facility
- 30M gallons groundwater treated by HX treatment facility
- 19.4M gallons groundwater treated by DX treatment facility
- 57.2M gallon groundwater treated by 200W treatment facility
- 156.4M gallons of groundwater treated total

Sampling	December	FY2013 Cumulative
Number of Well Sampling Events	113	539
Number of Aquifer Sampling Events	60	265
Total Number of Sampling Events	173	804
Total Number of Samples Collected	1004	2785
Total Number of Analyses Performed	2867	6695

EMS Objectives and Target Status

Objective #	Objective	Target	Due Date	Status
13-EMS-SGWR-OB1-T1	Reduce chemical use at S&GRP pump and treat facilities per unit of groundwater treated	Establish a baseline for chemical use per unit of groundwater treated (e.g. each 10,000 gallons treat) at the 200-West Area 100 Area Pump and Treat Facilities.	10/30/13	This Objective is pending.
		A monthly chemical use log tallied by individual chemical used for treating groundwater. Progress reported at 8% with 100% at the end of the 12th month	Monthly	Ongoing
13-EMS-SGWR-OB2-T1	Reduce air emissions at the 200 West Pump and Treat Facility	Establish a baseline for air emissions at the 200 West Pump and Treat Facility.	10/30/13	On Schedule
		A tabulation of emissions, in mass (pounds, kilograms, milligrams, etc.) per year, for constituents of concern (i.e. all constituents analyzed for during quarterly sampling events). Progress will be reported at 25% increments.	Quarterly	Progress at 25%

Objective #	Objective	Target	Due Date	Status
13-EMS-SGWR-OB3-T1	Reduce the amount of toxic and/or hazardous materials in the environment.	Pump and treat 1.4 billion gallons of contaminated groundwater from all pump and treat facilities during FY2013	9/30/13	On Schedule
		The volume of contaminated groundwater that is treated as measured in gallons	Monthly	426M Gallons treated through 12/31/12
13-EMS-SGWR-OB4-T1	Improve worker awareness of the CHPRC Environmental Management System (EMS)	Provide CHPRC EMS worker awareness training to S&GRP staff, to include: CHPRC Environmental Policy, each person's role in the EMS, S&GRP contributions to the EMS, and identification of key CHPRC programmatic and project environmental points-of-contact.	9/30/13	On Schedule
		Presentation material and training/class attendance sheets, submitted to EP Director at end of each quarter. Progress reported at 25% increments.	Quarterly	Progress at 25%
13-EMS-SGWR-OB5-T1	Reduce the generation and/or toxicity of waste at the source	Develop a plan to disposition unneeded equipment and materials currently being stored in conex boxes and laydown yards that are under SGWR management control.	9/30/13	On schedule
		This target will be met upon completion of the proposed actions. Progress will be tracked based on 50% for each completed action.	Monthly	Ongoing

TARGET ZERO PERFORMANCE

	CM Quantity	Rolling 12 Month	Comment
Days Away, Restricted or Transferred	0	0	N/A
Total Recordable Injuries	0	0	N/A
First Aid Cases	3	28	**12/5/2012 –** Employee had been experiencing pain and numbness in his right hand and arm, believed to have been contributed from performing overhead work. (22958) S&GRP **12/11/2012** – Employee was diagnosed with a wrist sprain/strain after preparing a high volume of sample bottles. (22960) S&GRP **12/13/2012** – Employee received burn on thumb as they were helping another NCO stable a heat gun. (22962) S&GRP
Near-Misses	1	1	**12/5/2012** – A lead driller was raising the pump setting rig mast as part of the preparation to stage the mast for transport. At the same time, a second driller was loading equipment into the rear of the pump setting truck. As the mast was raised, it caused an attached sand line (steel cable), which was hooked to the back of the truck, to rise and become taut against the driller helper who was located between the sand line and the back of the pump setting truck. The driller helper notified the lead driller operating the mast to stop raising it and then moved out of the proximity of the sand line (e.g. the mast did not need to be lowered for the helper get out of the way). Work was stopped and S&GRP management personnel were notified of the incident. There was no injury as a result of the event. S&GRP

KEY ACCOMPLISHMENTS

RL-0030.O1 RL 30 Operations

RL 30 Integration & Assessments

Environmental Data Management

- HEIS Team – Completed approval for implementing ILoad 4.0 which supports automated loading of files into IDMS and is key in improving user efficiency and accuracy.

Systematic Planning Integration

- Supported final review of two major CERCLA decision documents (100-D/H RI/FS and 100-F/IU RI/FS) for document quality and consistency.
- CERCLA Cost Estimating – Published the Programmatic Institutional Controls calculation file that is used in all CERCLA decision documents.

River Corridor

100-BC-5 Operable Unit

- RI/FS Work Plan and SAP: Draft appendices to these documents (in the form of TPA change notices) were presented and discussed with DOE and EPA in December. The final versions are due January 31, 2013.

100-FR-3 Operable Unit

- Transmitted the 100-F/IU RI/FS and Proposed Plan Draft A documents to RL on December 19, 2012. RL transmitted these documents to Ecology on December 19, 2012 per letter 13-AMRP-0050, completing TPA milestone M-015-64-T01, and partial completion of TPA milestone M-015-00D.

100-HR-3 Operable Unit

- Transmitted the100-D/H RI/FS and Proposed Plan Draft A documents to RL on December 7, 2012. RL transmitted these documents to Ecology on December 13, 2012 per letter 13-AMRP-0051, completing TPA milestone M-015-70-T01, and partial completion of TPA milestone M-015-00D.

Central Plateau

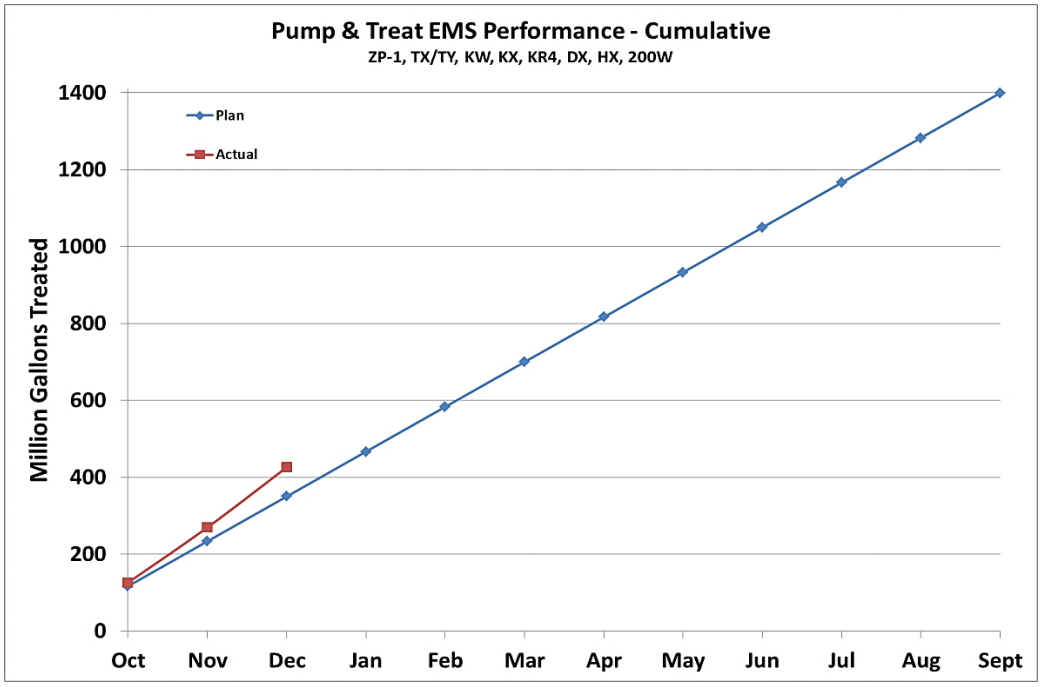
200 West Pump and Treat

- The 200 West P&T was up and running for 31 days with total pumping rates ranging from 900 gpm to 1,930 gpm and average rate of approximately 1400 gpm. The automated system is working well. Maintenance and repair work was performed on the plant when the system was offline.
- The two ion exchange resin trains were consistently at 480 gpm combined capacity removing Tc-99 from groundwater from selected wells near the TX-TY and T Tank Farms as well as from the vicinity of the S-SX Tank Farm.

200-DV-1 Operable Unit

- The B Area perched water removal system continued operations since its restart on October 18, 2012. The system removed 6,926 gallons during the month of December, bringing the total volume of perched water removed to 85,543 gallons since initiating operations.
- The perched water removal system removed the following quantities of contaminants for the month of December:
  - Tc-99 320 million pCi
  - Uranium 697 grams
  - Nitrates 13.7 kilograms
- The perched water removal system removed the following quantities of contaminants since project start-up (cumulative removal):
  - Tc-99 7.2 billion pCi
  - Uranium 14 kilograms
  - Nitrates 167.5 kilograms

Pump and Treat Operations – FY2013



MAJOR ISSUES

Issue – The Tentative Agreement, that modifies the delivery date for the 100-N and 100-BC OU RI/FS Reports and Proposed Plans, has not been approved. The Tentative Agreement includes additional milestones for installing and monitoring new wells and aquifer tubes in the 100-BC-5 OU.

Corrective Action –

- DOE has authorized PRC to begin preparatory activities for drilling field work at 100-BC-5. Authorization to execute the field activities is pending the TPA approval of a change notice to the RI/FS Work Plan and SAP.
- 100-NR-2 RI/FS Report is planned for delivery in June 2013
- 100-BC-5 RI/FS Report and Proposed Plan are planned for delivery in December 2016.

Status – Tentative Agreement is currently out for public comment.

Issue – The number of comments from EPA on CERCLA documents and the need for policy and technical decisions is impacting completion of the RI/FS Report and Proposed Plan for the 300 Area. EPA continues to provide new comments on the documents, and is impacting the progress toward finalizing a ROD for the 300 Area.

Corrective Action –

- Supporting RL in resolving the comments and providing technical justification for RL to accept and/or reject specific comments from EPA.
- Frequent working sessions with RL to address comments and resolve issues.

Status – Continuing to work with RL and Regulators to resolve the comment and approve the Rev 0 RI/FS Report and Proposed Plan.

Issue - The 100-K RI/FS documents are on hold while discussions proceed determining path forward associated with:

- Data gaps/data needs path forward at waste sites in proximity to the 100-K Reactors
- Data gaps/data needs path forward at 100-K-111 and 100-K-64 near the river (integrating with WCH)
- Potential technology changes associated with 118-K-1 burial ground (integrating with WCH)

Corrective Action –

- DOE meeting with Tribal representatives to revise, or develop new Memoranda of Agreement for characterization in culturally sensitive areas.
- Washington Closure Hanford is leading (and CHPRC supporting) a DOE effort to scope a Data Quality Objective for characterizing in culturally sensitive areas.
- CHPRC working with DOE and EPA on path forward for characterizing waste sites near the K-East reactor.

Status – Tribal meetings are in progress. Initial DQO scoping meeting with EPA has taken place. A schedule has been developed and shared with RL and EPA for characterizing waste sites near the K-East reactor.

RISK MANAGEMENT STATUS

Unassigned Risk
Risk Passed
New Risk
Change

Working - No Concerns
Working - Critical
Working - Concern

Increased Confidence
No Change
Decreased Confidence

Risk Title	Risk Strategy/Handling	Assessment		Comments
		Month	Trend	
RL-030/WBS 030				
SGW-045: Regulator Comments Change Requirements	Routine meetings to remain current on influences from regulators, and provide technical justification for proposed path forward.	Working - Critical	Decreased Confidence	Working with the customer on recent issues with MCL vs. Risk Based Evaluations used in the River Corridor RI/FS documents. The proposed changes have impact on the River Corridor RI/FS and PP documents. Assisted customer in development of a white paper for discussion with the regulators. Path forward on recent issues is being negotiated between the Tri Parties. These negotiations continue to cause rework in both the RI/FS and PP documents.
SGW-080: 100-BC-5 Pump and Treat Required	This risk is accepted as written and will be monitored throughout work execution. CHPRC will implement the final action under the ROD; however, the actions may require a Request for Proposal (RFP).	Working - No Concerns	Increased Confidence	Tri-Parties agree that additional groundwater monitoring for 2 years to determine the final remedy (expected to be MNA) is necessary. To achieve a conclusion of MNA, additional monitoring and aquifer tubes may be required (contract change).
SGW-081: 100-FR-3 Pump and Treat Required	This risk is accepted as written and will be monitored throughout work execution. CHPRC will implement the final action under the ROD; however, the actions may require an RFP.	Working - Critical	No Change	EPA concurred that need for pump and treat will be evaluated as part of RI/FS process. The draft feasibility study is evaluating P&T as viable in two alternatives. Current alternative discussions indicate that treatment is highly likely as a preferred alternative.
SGW-017: Groundwater Flow Less Than Planned -200 West P&T	Installation of injection wells and extraction wells was accelerated to ensure the expected 2,000 gpm pumping rates will be achieved. Resources have already been utilized to update the test plan and perform associated construction activities (e.g. installation of well racks, tie-in of wells, lay HDPE). Five interim injection wells were recently hooked up to the 200 West P&T for additional injection capacity.	Working - No Concerns	Increased Confidence	Installation of 4 extraction and 2 injection wells in FY 2013 plus the connection of 5 interim system injection wells performed in FY 2012 is anticipated to provide sufficient flow rates. Drilling of the first extraction well was initiated on October 31, 2012.

Risk Title	Risk Strategy/Handling	Assessment		Comments
		Month	Trend	
RL-030/WBS 030				
SGW-083, River Corridor Characterization	Additional characterization wells are required to support the development of an RI/FS and Proposed Plan for the River Corridor groundwater operable units or to investigate findings from WCH data gathering.			At 100-K, current negotiations with EPA and the Tribes will result in the additional sampling in the vicinity of KE reactor and at culturally sensitive areas (K-111 and K-64). Current understanding is this additional data will be required to be incorporated in the 100-K RI/FS report and the PP, therefore causing delays in finalizing the Rev. 0 RI/FS report and the PP.
SGW-092: 200 West P&T Operating Requirements	Overtime is utilized to perform critical corrective and preventative maintenance. As operating and maintenance knowledge is learned, staffing levels may be adjusted to achieve optimum P&T operation.			As preventative maintenance packages proceed through the development process, staffing levels will be evaluated to ensure the P&T facility achieves continuous operation.
SGW-135: Major Equipment Failure at 200W Pump & Treat	Utilize aggressive Corrective Maintenance program to ensure that staff is trained on new equipment. Perform design modifications/procedure revisions to accommodate unexpected conditions. Continue to work corrective maintenance issues as identified during acceptance testing.			Continuing to resolve outstanding issues identified associated with construction risks. Continuing OTP and will continue to evaluate Spare Parts and maintenance program.
SGW-153: 200W P&T Contract Closeout Claims	Continue to negotiate with subcontractors to minimize the financial impact.			Continuing to work project closeout with the General Contractor and their subcontractors. Negotiations taking longer than planned between subcontractors.
PRC-058: Cost Savings Initiatives Opportunity	Evaluate processes to re-sequence activities and remove unnecessary/self-imposed requirements. Develop tracking system for efficiencies and monitor performance to achieve efficiencies.			Cost Performance for November was 1.12. Overall cost performance increased to 1.05, however remains below the CPI Target of 1.08 for Fiscal Year.

PROJECT BASELINE PERFORMANCE
Current Month
($M)

RL-0030 Soil and Groundwater Remediation	Budgeted Cost of Work Scheduled	Budgeted Cost of Work Performed	Actual Cost of Work Performed	Schedule Variance ($)	Schedule Variance (%)	Cost Variance ($)	Cost Variance (%)
RL-0030.C1 GW Remedy Implement	0.0	0.0	1.3	0.0	0.0	(1.3)	-3205.1
RL-0030.O1 RL 30 (Operations)	7.8	7.1	6.8	(0.8)	-9.6	0.3	4.6
RL-0030.R1.1 Cleanup Operations	0.0	0.0	(0.0)	0.0	0.0	0.0	0.0
RL-0030.R1.2 Well Drilling Operations	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RL-0030.R1.3 Support Operations	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total	**7.8**	**7.1**	**8.1**	**(0.7)**	**-9.1**	**(1.0)**	**-13.6**

Numbers are rounded to the nearest $0.1M.

CM Schedule Performance (-$0.7M/-9.1%)

RL-0030.O1 RL 30 Operations (-$0.8M/-9.6%)

100-NR-2 Operable Unit (-$0.4M)

The current month negative schedule variance is the result of early completion of FY2013 barrier expansion work scope (completed in FY2011/FY2012). The current month negative schedule variance will continue throughout FY2013 as BCWP was earned for this work scope in prior years. This will result in a reduction to the contract to date positive schedule variance during the remainder of this fiscal

year. There is no overall negative impact to the CTD schedule variance as the work planned to be completed in FY2013 has already been completed.

CM Cost Performance (-$1.0M/-13.6%)

Current month cost variance that exceeds reporting thresholds are as follows:

RL-0030.C1 GW Remedy Implement (-$1.3M/-3205.1%)

200-ZP-1 Operable Unit (-$1.3M)

The current month negative cost variance is due to additional 200 West Pump & Treat contract closeout accruals.

RL-0030.O1 RL 30 Operations (+$0.3M/4.6%)

100-KR-4 Operable Unit (+$0.3M)

The current month favorable cost variance is due to not having to process Dowex 21k resin with the switch to SIR-700. As a result savings are being realized in sampling, lab costs, shipping, and regeneration cost. Savings are also being achieved by loaning craft resources to other projects whenever possible and by overtime management.

Contract-to-Date ($M)

RL-0030 Soil and Groundwater Remediation	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)
RL-0030.C1 GW Remedy Implement	73.4	73.4	86.8	(0.0)	-0.0	(13.4)	-18.3	73.4	87.5	(14.1)
RL-0030.O1 RL 30 (Operations)	487.3	488.1	482.0	0.8	0.2	6.1	1.3	1,150.5	1,138.6	11.9
RL-0030.R1.1 Cleanup Operations	175.0	175.0	174.6	0.0	0.0	0.4	0.2	175.0	174.6	0.4
RL-0030.R1.2 Well Drilling Operations	40.7	40.7	38.4	0.0	0.0	2.4	5.8	40.7	38.4	2.4
RL-0030.R1.3 Support Operations	51.4	51.4	51.1	(0.0)	-0.0	0.3	0.5	51.4	51.1	0.3
Total	**827.8**	**828.6**	**832.9**	**0.8**	**0.1**	**(4.3)**	**-0.5**	**1,491.0**	**1,490.2**	**0.8**

Numbers are rounded to the nearest $0.1M.

CTD Schedule Performance (+$0.8M/+0.1%) – Schedule performance is within reporting thresholds.

RL-0030.O1 RL 30 Operations (+$0.8M/+0.2%)

100 NR-2 Operable Unit (+$1.9M)

As previously reported, the positive schedule variance is primarily the result of prior year completion of FY2013 barrier expansion work scope. As this fiscal year progresses the schedule variance will decrease.

CTD Cost Performance (-$4.3M/-0.5%) – Cost performance is within reporting thresholds. The CTD cost variances are primarily the result of prior year activity that has been previously reported:

RL-0030.C1 GW Remedy Implement (-$13.4M/-18.3%)

200-ZP-1 Operable Unit (-$13.4M)

The variance is primarily due to 200 West Pump & Treat cost for the construction contractor's completed

work scope as defined in change notifications as well as increased cost for the sludge stabilization system installation.

RL-0030.O1 RL 30 Operations (+$6.1M/1.3%)

Integration and Assessments (+$5.6M)

The variance is primarily the result of less subcontractor support required for Central Plateau strategy development in prior years due to deferral of decision document activities as a result of funding reprioritization. This work has been rescheduled.

Drilling (-$2.4M)

The negative cost variance is primarily the result of radiological contamination encountered in prior year drilling activity on NR-2 wells; which has been previously reported.

100-NR-2 Operable Unit (+$2.7M)

The positive cost variance is primarily the result of savings achieved in prior years in completing barrier expansion sampling, chemical treatment, maintenance, jet grouting pilot test, and RI/FS work scope for less than planned.

200-ZP-1 Operable Unit (+$1.2M)

The major contributors to the positive cost variance were efficiencies obtained in the operation and maintenance of the 200-ZP-1 interim pump and treat system.

200-PW-1 Operable Unit (+$1.6M)

The positive cost variance is primarily the result of efficiencies realized in general operations and Soil Vapor Extraction testing.

RL-30 CHPRC Allocations (+$0.8M)

Work force restructuring cost was less than originally planned in FY2012 and has been previously reported.

Ramp-up and Transition (-$2.8M)

The cost variance is primarily the result of increased prior year Project Services Distribution.

RL-0030.R1.2 Well Drilling Operations ($2.4M/5.8%)

Drilling (+$2.4M)

The positive cost variance is primarily the result of savings achieved in 100-NR-2 and 200-BP-5 well drilling activities in prior a year.

RL-0030.R1.3 Support Operations ($0.3M/0.5%)

Regulatory Decisions and Closure Integration (+$1.7M)

The positive cost variance is primarily the result of efficiencies obtained in a prior year for multi-incremental sampling, borehole drilling, and landfill characterization work scope.

Estimate at Completion (EAC)

The projected variance at completion of 0.1% is not significant.

The EAC change from the previous month is within reporting thresholds.

Contract Performance Report Formats are provided in Appendix A.

FUNDS vs. SPEND FORECAST ($M)

RL-0030 Soil and Groundwater Remediation	FY2013 Projected Funding	FY2013 Spending Forecast	FY2013 Spend Variance
RL-0030	98.7	98.5	0.2

Numbers are rounded to the nearest $0.1M.

Funds/Variance Analysis

Funding includes FY2012 carryover and FY2013 new Budget Authority.

Critical Path Schedule

Critical path analysis can be provided upon request.

Baseline Change Requests

None Identified.

FY2013 Management Reserve (Funded): $0.5M

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 Annual Update, implemented in October 2012, 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. TPA Milestones are currently being renegotiated between the Parties to align milestone work scope with anticipated FY2013 funding scenarios and Hanford site priorities.

Number	Title	Type	Due Date	Actual Date	Forecast Date	Status/ Comment
M-015-70-T01	Submit RI/FS Report & PP for 100-HR-1/2/3 and 100-DR-1/2 OUs	TPA	1/12/12 (Original Due Date: 11/24/11)	12/13/12		Complete Documents were transmitted to Ecology on 12/13/12.
M-015-64-T01	Submit RI/FS Report and PP for 100-FR-1/2/3 and 100-IU-2/6	TPA	5/14/12 (Original Due Date: 12/17/11)	12/19/12		Complete Documents were transmitted to Ecology on 12/19/12.
M-015-00D	Complete RI/FS Process by Submitting PPs for all 100 & 300 Area OUs	TPA	12/31/12	TBD		Complete Pending Negotiation of TPA Tentative Agreement Completion by submitting FR-3 and HR-3 RIFS and PP Draft A documents.
M-015-68-T01	Submit RI/FS Report & PP for 100-BC-1/2/5 OUs	TPA	3/15/12 (Original Due Date: 11/30/11)		12/15/16	RL staff have been directed to not review the Decisional Draft of the RI/FS report due to pending negotiations for delaying the delivery of the document.
M-015-62-T01	Submit a FS/PP for 100-NR-2-1/2 Operable Units Including groundwater and soil.	TPA	9/17/12		6/28/13	Pending Negotiation of TPA Tentative Agreement. Completion rescheduled to June 30, 2013.
M-091-40L-37	PMM Submittal Oct-Dec 1st Qtr. FY2013 Burial Ground Sample Results	TPA	3/15/13		3/15/13	On Schedule
M-085-01	Submit a change package to establish a date for major milestone M-085-00.	TPA	3/30/13		3/30/13	On Schedule
M-037-03	Submit Revised Closure Plans for 216-B-3 and 216-S-10	TPA	4/30/13		4/30/13	Ecology to prepare closure plans.
M-024-58F	Initiate Discussions of Well Commitments	TPA	6/1/13		6/1/13	On Schedule

Number	Title	Type	Due Date	Actual Date	Forecast Date	Status/ Comment
M-091-40L-038	PMM Submittal Jan-Mar 2nd Qtr. FY2013 Burial Ground Sample Results	TPA	6/15/13		6/15/13	On Schedule
M-016-126	Submit a Draft A Remedial Design/Remedial Action Work Plan for 200-UP-1 to EPA.	TPA	06/24/13		03/31/13	On Schedule. Internal PRC review draft complete
M-024-64-T01	Conclude Discussions of Well Commitments	TPA	8/1/2013		8/1/13	On Schedule
M-091-40L-039	PMM Submittal Apr-Jun 3rd Qrtr FY13 Burial Ground Sample Results	TPA	9/15/2013		9/15/13	On Schedule
M-091-40L-040	PMM Submittal Jul-Sep 4th Qrtr FY13 Burial Ground Sample Results	TPA	12/15/13		12/15/13	On Schedule
M-024-64	DOE Shall Complete Construction of all Wells Listed	TPA	12/31/13		12/31/13	On Schedule

SELF-PERFORMED WORK

The Section H. clause entitled “Self-Performed Work” is addressed in the Overview.

GOVERNMENT FURNISHED SERVICES AND INFORMATION (GFS/I)

None currently identified.

Section E
Nuclear Facility D&D, Remainder of Hanford (RL-0040)

CH2MHILL
Plateau Remediation Company

L.T. Blackford
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Fuels, and Remediation
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December 2012
CHPRC-2012-12, Rev. 0
Contract DE-AC06-08RL14788
Deliverable C.3.1.3.1 - 1

PROJECT SUMMARY

The inactive Central Plateau facilities and radiological areas remedial action (RARA) sites continue to be compliantly maintained in a low-cost surveillance and maintenance condition. All calendar-year 2012 radiological routines and surveillances were completed on schedule.

EMS Objectives and Target Status

Objective #	Objective	Target	Due Date	Status
13-EMS-DWF&RS-OB2-T1	Reduce the acquisition, use, and release of toxic and hazardous chemicals and materials.	Minimize spills of hazardous materials and petroleum to the environment from DWF&RS facilities and activities through use of training, equipment, spill prevention techniques, and monitoring.	9/30/13	
13-EMS-DWF&RS-OB5-T1	Reduce the generation and/or toxicity of waste at the source.	Develop a plan to disposition unneeded equipment and materials currently being stored in conex boxes and laydown yards that are under DWF&RS management control.	8/31/13	

TARGET ZERO PERFORMANCE

	Current Month	Rolling 12 Month	Comment
Days Away, Restricted or Transferred	0	0	N/A
Total Recordable Injuries	0	0	N/A
First Aid Cases	0	2	N/A
Near-Misses	0	0	N/A

KEY ACCOMPLISHMENTS

- Concluded calendar year 2012 Waste Information Data Services (WIDS) Site Surveillances.
- Approximately 300 RAD signs were fabricated and installed on waste sites.
- Conducted 100 radiological facility surveillances.
- Accomplished Radiation Area Remedial Action (RARA) radiological surveillances of eight WIDS sites.
- Completed all required radiological routines as required by HNF-SP-0098 scheduled for calendar year 2012.

- All required operational surveillances for calendar year 2012 were completed as required by PRC-PRO-EP-15333.
- Over 500 feet of barrier chain and over 100 metal fence posts were installed at asbestos WIDS sites.
- Completed 22 Preventative Maintenance (PM) Activities.

MAJOR ISSUES

Issue – Uncharacterized substance (white powder) found on the floor of the Reduction-Oxidation (REDOX) North Piping Gallery impeding the completion of the building surveillance.

Corrective Action – Obtain sample of substance and determine a path forward based on the analysis.

Status – Sampling work package has been completed and the sampling evolution is scheduled for January 22, 2013.

RISK MANAGEMENT STATUS

Unassigned Risk
Risk Passed
New Risk
Change

Working - No Concerns
Working - Concern
Working - Critical

Increased Confidence
No Change
Decreased Confidence

Risk Title	Risk Strategy/Handling	Assessment		Comments
		Month	Trend	
RL-0040				
D4-043: Unforeseen Facility Event Impacts Safety or Environment	Unexpected event, including contamination or chemical spread, fire, industrial accident, structural degradation, etc., requires immediate D&D of a small to medium sized facility or requires unplanned facility repairs. Current management of the shutdown facilities includes corrective maintenance based upon historic experience.			Continuing corrective maintenance activities. No unplanned events encountered.
WSR-047: Unforeseen Waste Site Event	Unforeseen waste site event, including contamination or chemical spread, fire, industrial accident, structural degradation, etc. requires immediate disposition or modification to a waste site. Routine surveillance and maintenance of the waste sites, including herbicide applications, is designed to protect workers and the environment.			Continuing waste site inspections & surveillances. No unplanned events encountered.
D4-062: Unexpected Industrial Contamination	D-4 activities are conducted in accordance with CHPRC IH and Rad protection programs to minimize contamination spread. Prior to D&D activities, the existing and historical records are reviewed to identify areas of likely industrial contamination.			Continuing to address areas with asbestos concerns.
PRC-058: Cost Savings Initiatives Opportunity	Evaluate processes to re-sequence activities and remove unnecessary/self-imposed requirements. Develop tracking system for efficiencies and monitor performance to achieve efficiencies.			Maintain Fiscal Year Cost Performance Index (CPI) greater than 112%. Cost Performance increased in the month of November to greater than 112% for first fiscal year.

PROJECT BASELINE PERFORMANCE
Current Month
($M)

WBS 040/ RL-0040 Nuclear Facility D&D	Budgeted Cost of Work Scheduled	Budgeted Cost of Work Performed	Actual Cost of Work Performed	Schedule Variance ($)	Schedule Variance (%)	Cost Variance ($)	Cost Variance (%)
Total	0.9	0.9	0.7	0.0	3.0%	0.2	19.0%

Numbers are rounded to the nearest $0.1M

CM Schedule Performance: (+$0.0M/+3.0%)

Variance is within threshold.

CM Cost Performance: (+$0.2M/+19.0%)

Variance is within threshold.

Contract-To-Date
($M)

WBS 040/ RL-0040 Nuclear Facility D&D	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)
Total	367.2	367.1	340.4	(0.0)	-0.0%	26.7	7.3%	488.7	460.8	28.0

Numbers are rounded to the nearest $0.1M

CTD Schedule Performance: (-$0.0M/-0.0%)

Variance is within threshold.

CTD Cost Performance: (+$26.7M/+7.3%)

The favorable cost variance is due to prior year activity that has been previously reported, including:

- Cold and Dark and Sampling and Characterization/Waste Identification Form teams (D4); overhead allocations, less than anticipated resources for Program Management and C-3 Sampling; lower than planned costs for capital equipment (D4), and less asbestos abatement required for 200W buildings. This is offset by increased material and equipment costs, increased use of masks and respirators due to the unexpected asbestos levels in the ancillary buildings in U Ancillary (D4), coupled with increased insulator staff and the use of overtime to recover schedule, 200E Administration and 209E Project delays, less resources required at U Canyon (D4), and Usage Based Services higher than planned.
- Efficiencies in Arid Lands Ecology (ALE), North Slope Facilities, disposition of railcars D&D, and Outer Area waste sites. The waste site favorable cost-to-date variance is primarily due to an O-Zone Remove, Treat, and Dispose (RTD) Waste Sites adjustments (pass back) to Environmental Restoration Disposal Facility (ERDF) waste disposal costs reflecting the operational efficiencies of the super dump trucks. Within the waste sites area, this favorable cost variance is partially offset by higher than planned costs associated with remediation of pipelines. A negative cost variance is

associated with increased costs for the 212N/P/R Project due to the walls of the basins being much thicker than estimated.

- Efficiencies for demolition of the Industrial 7 Project (D4) as a result of utilization of existing site equipment and materials, surveillance and maintenance costs (D4) less than expected, completion of the sampling of Cell 30 with less resources than planned, Program Management utilizing less resources, capital equipment, Usage Base Services, and under run in overhead allocations.

Estimate at Completion (EAC)

The BAC and EAC include FY2009 through FY2018.

The changes in EAC from November to December are within reporting thresholds.

Contract Performance Report Formats are provided in Appendix A.

FUNDS vs. SPEND FORECAST ($M)

	FY2013		
WBS 040/RL-0040 Nuclear Facility D&D	Projected Funding	Spending Forecast	Spend Variance
RL-0040	11.4	11.2	0.2

Numbers are rounded to the nearest $0.1M.

Funds/Variance Analysis

Funding includes FY2012 carryover and FY2013 new Budget Authority.

Critical Path Schedule

Critical path analysis can be provided upon request.

Baseline Change Requests

None currently identified.

MILESTONE STATUS

None currently identified.

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)

None currently identified.

Section F
Nuclear Facility D&D, River Corridor (RL-0041)

CH2MHILL
Plateau Remediation Company

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December 2012
CHPRC-2012-12, Rev. 0
Contract DE-AC06-08RL14788
Deliverable C.3.1.3.1 - 1

PROJECT SUMMARY

Completed105-KE ISS preparation activities including 100% completion of construction of below-grade concrete pourbacks, 100% completion of above-ground openings, and 100% completion of cleanout of combustible and hazardous materials inside the reactor building.

EMS OBJECTIVES AND TARGET STATUS

Objective #	Objective	Target	Due Date	Status
13-EMS-DWF&RS-OB2-T1	Reduce the acquisition, use, and release of toxic and hazardous chemicals and materials.	Minimize spills of hazardous materials and petroleum to the environment from DWF&RS facilities and activities through use of training, equipment, spill prevention techniques, and monitoring.	9/30/13	
13-EMS-DWF&RS-OB5-T1	Reduce the generation and/or toxicity of waste at the source.	Develop a plan to disposition unneeded equipment and materials currently being stored in conex boxes and laydown yards that are under DWF&RS management control.	8/31/13	

TARGET ZERO PERFORMANCE

	Current Month	Rolling 12 Month	Comment
Days Away, Restricted or Transferred	0	0	N/A
Total Recordable Injuries	0	1	N/A
First Aid Cases	1	27	12/6/12 – Employee attempted to move a full drum straining the right arm. Body part affected: Arm (22959).
Near-Misses	0	0	N/A

KEY ACCOMPLISHMENTS

Facilities

- Completed removal of combustible and hazardous material inventory from the reactor building interior. Cleanout of the reactor building interior is now 100% complete. Construction of Pourback #29 completed. Below-grade concrete pourbacks are not 100% complete. Completed installation of covers for above-ground openings. Above-ground openings are now 100% complete.
- Continued with disposition/disposal of legacy waste items for the 100K Area.

Waste Sites

- Continued with Closure documentation for Phase I TPA Milestone.
- Completed interim re-vegetation of 100K Waste Sites in support of TPA Milestone.

MAJOR ISSUES

No major issues to report this month.

RISK MANAGEMENT STATUS

Unassigned Risk
Risk Passed
New Risk
Change

Working - No Concerns
Working - Concern
Working - Critical

Increased Confidence
No Change
Decreased Confidence

Risk Title	Risk Strategy/Handling	Assessment		Comments
		Month	Trend	
RL-0041				
KBC-ISS-003: Removal and Abatement of material from KE Reactor	Maintain communication through interface and project review meetings with DOE and regulators so concurrence on cleanout strategy will be obtained.	Working - Concern	Decreased Confidence	Continuing to discuss cleanup and material removal requirements. Additional clean out priorities. ISS may be required.
KBC-043: Waste Site Remediation Completion Requirements	Existing characterization data indicates the likelihood of this risk occurring is low; risk accepted without mitigation.	Working - Concern	No Change	It has been demonstrated that with ISS of 105KE, two significant plumes will not be fully remediated under the RTD. The project is researching a long-term (i.e. 75 year) low cost stabilization that will retard water movement through the contaminated zone (i.e. contract modification to install asphalt barrier to cover 116-KE-1, 116-KE-3 and the UPR-100-K-1). Remediation and long-term stabilization must be determined and completed prior to initiating construction of the KE-Reactor structure.
PRC-058: Cost Savings Initiatives Opportunity	Evaluate processes to re-sequence activities and remove unnecessary/self-imposed requirements. Develop tracking system for efficiencies and monitor performance to achieve efficiencies.	Working - No Concerns	No Change	Maintain Fiscal Year Cost Performance Index (CPI) greater than 102%. Cost Performance above 102% for first fiscal year.
KBC-004: Contamination Depth Greater Than Planned	Cannot control extent of contamination; Mitigate risk utilizing total tons within the PMB volume for 100-K waste sites Remediation.	Working - Concern	No Change	The 100K waste sites that have been remediated to date realized more tons of waste than planned. CHPRC will continue to use planned BCWS up to the planned PMB total tons estimated.
WSR-047: Unforeseen Waste Site Event	Perform routine surveillances and maintenance of waste sites including herbicide application.	Working - No Concerns	No Change	No concerns.

KBC-048: Unexpected Industrial Contamination	D-4 activities are conducted in accordance with CHPRC IH and Rad protection programs to minimize contamination spread. Prior to D&D activities, the existing and historical records are reviewed to identify areas of likely industrial contamination.			Continuing to address areas with asbestos concerns.

PROJECT BASELINE PERFORMANCE
Current Month
($M)

WBS 041/RL-0041 Nuclear Facility D&D – River Corridor	Budgeted Cost of Work Scheduled	Budgeted Cost of Work Performed	Actual Cost of Work Performed	Schedule Variance ($)	Schedule Variance (%)	Cost Variance ($)	Cost Variance (%)
Total	1.3	1.0	0.8	-0.3	-20.6%	0.2	21.3%

Numbers are rounded to the nearest $0.1M

CM Schedule Performance (-$0.3M/-20.6%)

The variance is within reporting threshold.

CM Cost Performance (+$0.2M/+21.3%)

The variance is within reporting threshold.

Contract-to-Date
($M)

WBS 041/ RL-0041 Nuclear Facility D&D – River Corridor	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)
Total	294.6	296.4	276.9	1.9	0.6%	19.5	6.6%	467.5	450.6	16.9

Numbers are rounded to the nearest $0.1M

CTD Schedule Performance (+$1.9M/+0.6%)

The positive schedule variance is due to CSNA sites that were completed early.

CTD Cost Performance (+$19.5M/+6.6%)

The positive CTD cost variance is primarily the result of prior year activity which has been previously reported and CSNA sites that were completed early and under costs. In addition, less demolition was required for the KE Sedimentation Basin as well as underruns in G&A and Direct Distributables. This is partially offset by the cost overruns in prior years for the Utilities Project

Estimate at Completion (EAC)

The BAC and EAC include FY2009 through FY2018, the PRC contract period.

Contract Performance Report Formats are provided in Appendix A.

FUNDS vs. SPEND FORECAST ($M)

WBS 041/RL-0041 Nuclear Facility D&D – River Corridor	FY2013 Projected Funding	FY2013 Spending Forecast	FY2013 Spend Variance
RL-0041	12.6	8.6	4.0

Numbers are rounded to the nearest $0.1M.

Funds/Variance Analysis:

Funding includes FY2012 carryover and FY2013 new Budget Authority.

Critical Path Schedule

Critical Path Analysis can be provided upon request.

Baseline Change Requests

BCRA-041-13-001R0 – *RL-41 FOC Change*

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 Annual Update, implemented in October 2012, 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. TPA Milestones are currently being renegotiated between the Parties to align milestone work scope with anticipated FY2013 funding scenarios and Hanford site priorities.

Number	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	12/31/12	11/20/12		Completed

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)

None currently identified.

Section G
Fast Flux Test Facility Closure
(RL-0042)

CH2MHILL
Plateau Remediation Company

L.T. Blackford
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Decommissioning, Waste,
Fuels, and Remediation
Services (DWF&RS)

December 2012
CHPRC-2012-12, Rev. 0
Contract DE-AC06-08RL14788
Deliverable C.3.1.3.1 - 1

PROJECT SUMMARY

The Fast Flux Test Facility (FFTF) is being maintained in a low-cost surveillance and maintenance condition. The 400 Area water system continues to operate providing service to other occupants of the 400 Area and water for fire protection.

EMS OBJECTIVES AND TARGET STATUS

Objective #	Objective	Target	Due Date	Status
13-EMS-DWF&RS-OB2-T1	Reduce the acquisition, use, and release of toxic and hazardous chemicals and materials.	Minimize spills of hazardous materials and petroleum to the environment from DWF&RS facilities and activities through use of training, equipment, spill prevention techniques, and monitoring.	9/30/13	
13-EMS-DWF&RS-OB5-T1	Reduce the generation and/or toxicity of waste at the source.	Develop a plan to disposition unneeded equipment and materials currently being stored in conex boxes and laydown yards that are under DWF&RS management control.	8/31/13	

TARGET ZERO PERFORMANCE

	Current Month	Rolling 12 Month	Comment
Days Away, Restricted or Transferred	0	0	N/A
Total Recordable Injuries	0	0	N/A
First Aid Cases	0	1	N/A
Near-Misses	0	0	N/A

KEY ACCOMPLISHMENTS

- Completed five Preventive Maintenance (PM) packages/Operational Surveillances
- Completed five Radiological Surveillances
- Performed inspection and level check of G-3 underground fuel oil tank in the 400 area for Department of Ecology
- Continued support for the Business Case addressing future operation of the 400 Area water system.

MAJOR ISSUES

None identified.

RISK MANAGEMENT STATUS

Unassigned Risk
Risk Passed
New Risk
Change

Working - No Concerns
Working - Concern
Working - Critical

Increased Confidence
No Change
Decreased Confidence

Risk Title	Risk Strategy/Handling	Assessment		Comments
		Month	Trend	
RL-0042				
FFTF-012: Major Equipment or Structural Failure	FFTF suffers a major equipment failure or structural deterioration while in the Surveillance and Maintenance mode			Continuing corrective maintenance activities. No unplanned events encountered.
PRC-058: Cost Savings Initiatives Opportunity	Evaluate processes to re-sequence activities and remove unnecessary/self-imposed requirements. Develop tracking system for efficiencies and monitor performance to achieve efficiencies.			Maintain Fiscal Year Cost Performance Index (CPI) at 102%. FFTF performing above Cost Performance of 102%.

PROJECT BASELINE PERFORMANCE
Current Month
($M)

RL-0042 FFTF Closure	Budgeted Cost of Work Scheduled	Budgeted Cost of Work Performed	Actual Cost of Work Performed	Schedule Variance ($)	Schedule Variance (%)	Cost Variance ($)	Cost Variance (%)
Total	0.2	0.2	0.1	0.0	0.0%	0.1	53.8%

Numbers are rounded to the nearest $0.1M

CM Schedule Performance: (+$0.0M/+0.0%)

The current period schedule variance is within thresholds.

CM Cost Performance: (+$0.1M/+53.8%)

The current period cost variance is within threshold.

Contract-to-Date ($M)

RL-0042 FFTF Closure	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)
Total	14.3	14.3	12.5	0.0	0.0%	1.9	12.9%	26.5	24.4	2.1
Numbers are rounded to the nearest $0.1M										

CTD Schedule Performance (+$0.0M/+0.0%)

The schedule variance is within reporting thresholds.

CTD Cost Performance (+$1.9M/+12.9%)

The favorable CTD cost variance reflects efficient use of resources to support deactivation activities with available time further aided in creating this favorable cost variance.

Estimate at Completion (EAC)

The BAC and EAC include FY2009 through FY2018, the PRC contract period.

The change in EAC from November to December is within reporting thresholds.

Contract Performance Report Formats are provided in Appendix A.

FUNDS vs. SPEND FORECAST ($M)

	FY2013		
RL-0042 FFTF Closure	Projected Funding	Spending Forecast	Spend Variance
RL-0042	2.5	1.8	0.7
Numbers are rounded to the nearest $0.1M			

Funds Analysis:

Funding includes FY2012 carryover and FY2013 new Budget Authority.

Critical Path Schedule

Critical path analysis is not applicable to this project. Remaining contract scope is performance of interim surveillance and maintenance activities.

Baseline Change Requests

None currently identified.

MILESTONE STATUS

None currently identified.

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)

None currently identified.

Appendix A

Contract Performance Reports

Format 1 - Work Breakdown Structure

Format 2 - Organizational Categories

Format 3 - Baseline

Format 4 - Staffing

Format 5 - Explanation and Problem Analysis

CH2MHILL
Plateau Remediation Company

December 2012
CHPRC-2012-12, Rev. 0
Contract DE-AC06-08RL14788
Deliverable C.3.1.3.1 - 1

FORMAT 1, DD FORM 2734/1, WORK BREAKDOWN STRUCTURE

CLASSIFICATION (When Filled In)

CONTRACT PERFORMANCE REPORT
FORMAT 1 - WORK BREAKDOWN STRUCTURE
DOLLARS IN Thousands of $

FORM APPROVED
OMB No. 0704-0188

1. CONTRACTOR	2. CONTRACT		3. PROGRAM	4. REPORT PERIOD
a. NAME CH2M HILL Plateau Remediation Company	a. NAME Plateau Remediation Contract		a. NAME Plateau Remediation Contract	a. FROM (YYYYMMDD) 2012 / 11 / 26
b. LOCATION (Address and ZIP Code) Richland, WA	b. NUMBER RL14788		b. PHASE	b. TO (YYYYMMDD) 2012 / 12 / 23
	c. TYPE CPAF	d. SHARE RATIO	c. EVMS ACCEPTANCE NO YES X 9/18/2009	

5. CONTRACT DATA

a. QUANTITY	b. NEGOTIATED COST	c. ESTIMATED COST OF AUTHORIZED UNPRICED WORK	d. TARGET PROFIT/ FEE	e. TARGET PRICE	f. ESTIMATED PRICE	g. CONTRACT CEILING	h. ESTIMATED CONTRACT CEILING	I. DATE OF OTB/OTS
	5,451,101	0	227,660	5,678,761	5,659,176	5,678,761	5,659,176	

6. ESTIMATED COST AT COMPLETION

	MANAGEMENT ESTIMATE AT COMPLETION (1)	CONTRACT BUDGET BASE (2)	VARIANCE (3)
a. BEST CASE	5,345,123		
b. WORST CASE	5,450,460		
c. MOST LIKELY	5,431,515	5,451,101	19,585

7. AUTHORIZED CONTRACTOR REPRESENTATIVE

a. NAME (Last, First, Middle Initial): Bang, M.V.
b. TITLE: Prime Contract Manager
c. SIGNATURE
d. DATE SIGNED: 12/23/2012

8. PERFORMANCE DATA

WBS[1]	CURRENT PERIOD					CUMULATIVE TO DATE					REPROGRAMMING ADJUSTMENTS			AT COMPLETION		
	BUDGETED COST		ACTUAL COST	VARIANCE		BUDGETED COST		ACTUAL COST	VARIANCE							
ITEM (1)	WORK SCHEDULED (2)	WORK PERFORMED (3)	WORK PERFORMED (4)	SCHEDULE (5)	COST (6)	WORK SCHEDULED (7)	WORK PERFORMED (8)	WORK PERFORMED (9)	SCHEDULE (10)	COST (11)	COST VARIANCE (12a)	SCHEDULE VARIANCE (12b)	BUDGET (13)	BUDGETED (14)	ESTIMATED (15)	VARIANCE (16)
011 RL-11 NM Stabilization and Disposition PFP	8,617	8,072	8,367	(545)	(294)	559,751	551,820	565,058	(7,932)	(13,238)	0	0	0	940,255	988,603	(48,349)
012 RL-12 SNF Stabilization and Disposition	5,524	4,726	4,611	(798)	115	348,100	342,481	341,890	(5,620)	591	0	0	0	605,948	603,796	2,152
013 RL-13 Solid Waste Stabilization & Disposition	6,832	6,804	6,319	(27)	485	722,252	721,844	712,033	(408)	9,811	0	0	0	1,344,099	1,326,580	17,519
030 RL-30 Soil & Wtr Remediatn Grndwtr/Vadose Zone	7,845	7,133	8,105	(712)	(972)	827,808	828,640	832,900	832	(4,260)	0	0	0	1,491,003	1,490,177	827
040 RL-40 Nuclear Facility D&D Remainder of Hanford	898	925	749	27	176	367,162	367,124	340,411	(38)	26,713	0	0	0	488,747	460,918	27,829
041 RL-41 Nuclear Facility D&D - River Corridor	1,279	1,016	799	(264)	216	294,561	296,439	276,942	1,878	19,496	0	0	0	467,474	450,648	16,826
042 RL-42 FFTF Closure	160	160	74	0	86	14,312	14,312	12,459	0	1,852	0	0	0	26,542	24,401	2,141
b. Cost of Money	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
c. Gen. and Admin.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
d. Undist. Budget																
e. Sub Total	**31,155**	**28,836**	**29,025**	**(2,319)**	**(188)**	**3,133,946**	**3,122,659**	**3,081,694**	**(11,287)**	**40,965**	0	0	0	**5,364,068**	**5,345,123**	**18,945**
f. Management Reserve														86,392		
g. Total	**31,155**	**28,836**	**29,025**	**(2,319)**	**(188)**	**3,133,946**	**3,122,659**	**3,081,694**	**(11,287)**	**40,965**	0	0	0	**5,450,460**		
9. Reconciliation to CBB																
a. Variance Adjustment																
b. Total Contract Variance									**(11,287)**	**40,965**				**5,450,460**	**5,345,123**	**105,337**

CLASSIFICATION (When Filled In)

CONTRACT PERFORMANCE REPORT FORMAT 2 - ORGANIZATIONAL CATEGORIES			DOLLARS IN _ Thousands of $	FORM APPROVED OMB No. 0704-0188
1. CONTRACTOR	2. CONTRACT	3. PROGRAM		4. REPORT PERIOD
a. NAME CH2M HILL Plateau Remediation Company	a. NAME Plateau Remediation Contract	a. NAME Plateau Remediation Contract		a. FROM (YYYYMMDD) 2012 / 11 / 26
b. LOCATION (Address and ZIP Code) Richland, WA	b. NUMBER RL14788	b. PHASE		b. TO (YYYYMMDD) 2012 / 12 / 23
	c. TYPE CPAF / d. SHARE RATIO	c. EVMS ACCEPTANCE NO YES X 9/18/2009		

5. PERFORMANCE DATA

FOC / ITEM (1)	CURRENT PERIOD: BUDGETED COST WORK SCHEDULED (2)	BUDGETED COST WORK PERFORMED (3)	ACTUAL COST WORK PERFORMED (4)	VARIANCE SCHEDULE (5)	VARIANCE COST (6)	CUMULATIVE TO DATE: BUDGETED COST WORK SCHEDULED (7)	BUDGETED COST WORK PERFORMED (8)	ACTUAL COST WORK PERFORMED (9)	VARIANCE SCHEDULE (10)	VARIANCE COST (11)	REPROGRAMMING ADJUSTMENTS: COST VARIANCE (12a)	SCHEDULE VARIANCE (12b)	BUDGET (13)	AT COMPLETION: BUDGETED (14)	ESTIMATED (15)	VARIANCE (16)
30A - Project Services & Support																
011.A - Proj Services & Support	0	0	0	0	0	62,534	62,534	54,914	0	7,619	0	0	0	62,534	54,914	7,619
012.A - Proj Services & Support	0	0	0	0	0	30,631	30,631	29,037	0	1,594	0	0	0	30,631	29,037	1,594
013.A - Proj Services & Support	0	0	0	0	0	80,655	80,655	76,101	0	4,554	0	0	0	80,655	76,101	4,554
030.A - Proj Services & Support	0	0	0	0	0	63,710	63,710	66,183	0	(2,473)	0	0	0	63,710	66,183	(2,473)
040.A - Proj Services & Support	0	0	0	0	0	47,955	47,955	38,102	0	9,853	0	0	0	47,955	38,102	9,853
041.A - Proj Services & Support	0	0	0	0	0	36,959	36,959	29,926	0	7,032	0	0	0	36,959	29,926	7,032
042.A - Proj Services & Support	0	0	0	0	0	1,604	1,604	1,492	0	112	0	0	0	1,604	1,492	112
	0	**0**	**0**	**0**	**0**	**324,047**	**324,047**	**295,756**	**0**	**28,291**	**0**	**0**	**0**	**324,047**	**295,756**	**28,291**
30B - WBS 98 PSD Distribution																
011.A1 - Project Specific Distributables	0	0	0	0	0	16,561	16,561	17,047	0	(486)	0	0	0	16,561	17,047	(486)
013.A1 - Project Specific Distributables	0	0	0	0	0	10,645	10,645	14,888	0	(4,244)	0	0	0	10,645	14,888	(4,244)
030.A1 - Project Specific Distributables	0	0	0	0	0	8,173	8,173	10,290	0	(2,116)	0	0	0	8,173	10,290	(2,116)
040.A1 - Project Specific Distributables	0	0	0	0	0	20,184	20,184	17,326	0	2,858	0	0	0	20,184	17,326	2,858
041.A1 - Project Specific Distributables	0	0	0	0	0	12,155	12,155	10,176	0	1,979	0	0	0	12,155	10,176	1,979
	0	**0**	**0**	**0**	**0**	**67,718**	**67,718**	**69,727**	**0**	**(2,008)**	**0**	**0**	**0**	**67,718**	**69,727**	**(2,008)**
30C - WBS 98 R&RP Distribution																
011.A2 - PSD R&RP	0	0	0	0	0	950	950	1,230	0	(280)	0	0	0	950	1,230	(280)
012.A2 - PSD R&RP	0	0	0	0	0	0	0	1,409	0	(1,409)	0	0	0	0	1,409	(1,409)
013.A2 - PSD R&RP	0	0	0	0	0	1,132	1,132	2,294	0	(1,162)	0	0	0	1,132	2,294	(1,162)
030.A2 - PSD R&RP	0	0	0	0	0	989	989	3,154	0	(2,164)	0	0	0	989	3,154	(2,164)
040.A2 - PSD R&RP	0	0	0	0	0	1,076	1,076	705	0	371	0	0	0	1,076	705	371
041.A2 - PSD R&RP	0	0	0	0	0	854	854	604	0	250	0	0	0	854	604	250
042.A2 - PSD R&RP	0	0	0	0	0	0	0	22	0	(22)	0	0	0	0	22	(22)
	0	**0**	**0**	**0**	**0**	**5,000**	**5,000**	**9,417**	**0**	**(4,417)**	**0**	**0**	**0**	**5,000**	**9,417**	**(4,417)**
30W - WBS 98 WFR Distribution																
011.A3 - PSD WFR	0	0	0	0	0	2,996	2,996	2,996	0	0	0	0	0	2,996	2,996	0
012.A3 - PSD WFR	0	0	0	0	0	22	22	22	0	0	0	0	0	22	22	0
013.A3 - PSD WFR	0	0	0	0	0	12,490	12,490	12,490	0	0	0	0	0	12,490	12,490	0
040.A3 - PSD WFR	0	0	0	0	0	2,053	2,053	2,053	0	0	0	0	0	2,053	2,053	0
041.A3 - PSD WFR	0	0	0	0	0	2,568	2,568	2,568	0	0	0	0	0	2,568	2,568	0
	0	**0**	**0**	**0**	**0**	**20,128**	**20,128**	**20,128**	**0**	**0**	**0**	**0**	**0**	**20,128**	**20,128**	**0**
34 - Environmental Prog & Strategic Planning																
030.2 - Envr Prog & Strategic Planning	409	409	370	0	39	38,260	38,260	35,059	0	3,201	0	0	0	79,989	76,606	3,383
	409	**409**	**370**	**0**	**39**	**38,260**	**38,260**	**35,059**	**0**	**3,201**	**0**	**0**	**0**	**79,989**	**76,606**	**3,383**
35 - Business Services																
012.3 - Transition (PTB)	0	0	0	0	0	21,768	21,768	21,768	0	0	0	0	0	21,768	21,768	0
030.9F - Ramp Up/Transition - Fac	0	0	0	0	(0)	23,047	23,047	23,520	0	(473)	0	0	0	23,047	23,520	(473)
	0	**0**	**0**	**0**	**(0)**	**44,816**	**44,816**	**45,288**	**0**	**(473)**	**0**	**0**	**0**	**44,816**	**45,288**	**(473)**
37 - Company Level Initiatives																
011.7W - PRC WFR	0	0	0	0	(0)	1,818	1,818	1,220	0	599	0	0	0	1,818	1,220	599
012.7W - PRC WFR	0	0	0	0	0	1,363	1,363	776	0	587	0	0	0	1,363	776	587
013.7W - PRC WFR	0	0	0	0	0	1,702	1,702	1,172	0	529	0	0	0	1,702	1,172	529
030.7W - PRC WFR	0	0	0	0	0	1,705	1,705	868	0	837	0	0	0	1,705	868	837
040.7W - PRC WFR	0	0	0	0	0	224	224	150	0	74	0	0	0	224	150	74
041.7W - PRC WFR	0	0	0	0	0	337	337	188	0	149	0	0	0	337	188	149
042.7W - PRC WFR	0	0	0	0	0	33	33	19	0	14	0	0	0	33	19	14
	0	**0**	**0**	**0**	**(0)**	**7,182**	**7,182**	**4,393**	**0**	**2,789**	**0**	**0**	**0**	**7,182**	**4,393**	**2,789**
3B - PFP Closure, BOS & Infrastructure																
011.1 - Plutonium Finishing Plant	8,617	8,072	8,367	(545)	(294)	474,893	466,961	487,651	(7,932)	(20,689)	0	0	0	855,396	911,196	(55,801)
	8,617	**8,072**	**8,367**	**(545)**	**(294)**	**474,893**	**466,961**	**487,651**	**(7,932)**	**(20,689)**	**0**	**0**	**0**	**855,396**	**911,196**	**(55,801)**
3C - W&FMP/D&D Project																
012.1 - 100 K Area Project	2,447	2,447	2,086	0	360	122,007	122,007	122,216	0	(210)	0	0	0	252,176	249,732	2,444
012.2 - Sludge Treatment Project	3,077	2,279	2,525	(798)	(246)	172,309	166,690	166,662	(5,620)	28	0	0	0	299,987	301,052	(1,064)
013.1 - Waste Management	6,832	6,804	6,319	(27)	485	615,629	615,221	605,088	(408)	10,133	0	0	0	1,237,476	1,219,635	17,841
040.1 - PRC D&D	0	0	0	0	(0)	191,549	191,549	187,996	(0)	3,553	0	0	0	225,176	221,727	3,449
040.2 - D&D Fac Waste Site Remediation	0	0	0	0	0	67,594	67,594	60,123	0	7,470	0	0	0	89,437	81,967	7,470
041.1 - River Zone	1,279	1,016	799	(264)	216	241,689	243,567	233,481	1,878	10,086	0	0	0	414,602	407,187	7,416
042.1 - FFTF	160	160	74	0	86	12,675	12,675	10,926	0	1,749	0	0	0	24,906	22,868	2,038
040.3 - PRC Fac & Waste Site Maint	898	925	749	27	176	36,528	36,490	33,957	(38)	2,533	0	0	0	102,643	98,889	3,754
	14,693	**13,631**	**12,553**	**(1,062)**	**1,078**	**1,459,980**	**1,455,792**	**1,420,449**	**(4,188)**	**35,343**	**0**	**0**	**0**	**2,646,404**	**2,603,056**	**43,347**
3D - Soil & Groundwater Remediation																
030.1 - Soil & GW Remediation	7,436	6,683	6,397	(753)	286	418,872	419,705	400,865	832	18,839	0	0	0	1,040,339	1,015,961	24,378
	7,436	**6,683**	**6,397**	**(753)**	**286**	**418,872**	**419,705**	**400,865**	**832**	**18,839**	**0**	**0**	**0**	**1,040,339**	**1,015,961**	**24,378**
3F - Engineering, Projects & Construction																
030.3 - EPC - Groundwater	0	40	1,338	40	(1,297)	273,050	273,050	292,961	0	(19,911)	0	0	0	273,050	293,595	(20,545)
	0	**40**	**1,338**	**40**	**(1,297)**	**273,050**	**273,050**	**292,961**	**0**	**(19,911)**	**0**	**0**	**0**	**273,050**	**293,595**	**(20,545)**
b. Cost of Money	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
c. Gen. and Admin.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
d. Undist. Budget																
e. Sub Total	**31,155**	**28,836**	**29,025**	**(2,319)**	**(189)**	**3,133,946**	**3,122,659**	**3,081,694**	**(11,287)**	**40,965**	**0**	**0**	**0**	**5,364,068**	**5,345,123**	**18,945**
f. Management Resrv.														86,392		
g. Total	**31,155**	**28,836**	**29,025**	**(2,319)**	**(189)**	**3,133,946**	**3,122,659**	**3,081,694**	**(11,287)**	**40,965**	**0**	**0**	**0**	**5,450,460**		

December 2012 Monthly Report

CONTRACT PERFORMANCE REPORT FORMAT 3 - BASELINE DOLLARS IN THOUSANDS			Form Approved OMB No. 0704-0188
1. CONTRACTOR CH2M HILL Plateau Remediation Company b. LOCATION: Richland, WA	2. CONTRACT a. NAME: Plateau Remediation Contract b. NUMBER: RL14788 c. TYPE: CPAF d. SHARE RATIO:	3. PROGRAM a. NAME: Plateau Remediation Contract b. PHASE c. EVMS ACCEPTANCE NO YES X 9/18/2009	4. REPORT PERIOD a. FROM: 2012/11/26 b. TO: 2012/12/23

5. CONTRACT DATA

a. ORIGINAL NEGOTIATED COST	b. NEGOTIATED CONTRACT CHANGE	c. CURRENT NEGOTIATED COST (A + B)	d. ESTIMATED COST AUTH UNPRICED WORK	e. CONTRACT BUDGET BASE (C + D)	f. TOTAL ALLOCATED BUDGET	g. DIFFERENCE (E - F)
4,312,366	$1,138,734	$5,451,101	0	$5,451,101	$5,450,460	$641

h. CONTRACT START DATE	i. DEFINITIZATION DATE	j. PLANNED COMPL DATE	k. CONT COMPLETION DATE	l. EST COMPLETION DATE
6/19/2008	6/19/2008	9/30/2018	9/30/2018	9/30/2018

6. PERFORMANCE DATA

ITEM	BCWS CUM TO DATE	BCWS FOR REPORT PERIOD	BUDGETED COST FOR WORK SCHEDULED (NON - CUMULATIVE) SIX MONTH FORECAST +1 Jan-12	+2 Feb-12	+3 Mar-12	+4 Apr-13	+5 May-13	+6 Jun-13	FY09	FY10	FY11	FY12	OUT YEARS	UNDISTRIB BUDGET	TOTAL BUDGET
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
a. PM BASELINE																
(BEGIN OF PERIOD)	**1,780,475**	**34,128**	**33,743**	**32,120**	**32,696**	**33,148**	**40,845**	**30,206**	**653,426**	**960,017**	**1,002,105**	**428,688**	**2,319,832**	**0**	**5,364,068**
b. BASELINE CHANGES AUTH DURING REPORT PERIOD															
BCRA-000-13-002R0 - WBS 000 FOC Change													**0**		
BCRA-011-13-003R0 - PFP Team Transitioning Activity													**0**		
BCRA-041-13-001R0 - RL-41 FOC Change													**0**		
c. PM BASELINE (END OF PERIOD)	**1,811,630**	**31,155**	**33,743**	**32,120**	**32,696**	**33,148**	**40,845**	**30,206**	**653,426**	**960,017**	**1,002,105**	**428,688**	**2,319,832**	**0**	**5,364,068**
7. MANAGEMENT RESERVE															**86,392**
8. TOTAL															**5,450,460**

Block 5.g "Difference" is attributable to incorporation of BCR-030-13-006R0 - *Alignment of Geophysical Logging per Contract Mod 249*, to be processed in January 2013.

CLASSIFICATION (When Filled In)

CONTRACT PERFORMANCE REPORT
FORMAT 4 - STAFFING

FORM APPROVED
OMB No. 0704-0188

1. CONTRACTOR	2. CONTRACT	3. PROGRAM	4. REPORT PERIOD
a. NAME CH2M HILL Plateau Remediation Company	a. NAME Plateau Remediation Contract	a. NAME Plateau Remediation Contract	a. FROM (YYYYMMDD) 2012 / 11 / 26
b. LOCATION (Address and ZIP Code) Richland, WA	b. NUMBER RL14788	b. PHASE	b. TO (YYYYMMDD) 2012 / 12 / 23
	c. TYPE CPAF / d. SHARE RATIO	c. EVMS ACCEPTANCE NO 9/18/2009	

5. PERFORMANCE DATA (All figures in whole numbers of equivalent month. One equivalent month equals on person working one month)

FOC Group by FOC / ITEM	ACTUAL CURRENT PERIOD	ACTUAL END OF CURRENT PERIOD (Cumulative)	FORECAST (Non-Cumulative) SIX MONTH FORECAST +1 Jan	+2 Feb	+3 Mar	+4 Apr	+5 May	+6 Jun	SPECIFIED PERIODS REM FY13	FY14-18	AT COMPLETION
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(12)	(13)	(15)
30B - WBS 98 PSD Distribution											
011.A1 - Project Specific Distributables	0	1	0	0	0	0	0	0	0	0	1
013.A1 - Project Specific Distributables	0	0	0	0	0	0	0	0	0	0	0
030.A1 - Project Specific Distributables	0	0	0	0	0	0	0	0	0	0	0
040.A1 - Project Specific Distributables	0	0	0	0	0	0	0	0	0	0	0
	0	**1**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**1**
31 - Communications & Outreach											
000.1 - Communications & Outreach	7	558	7	7	7	7	7	7	21	423	1,044
	7	**558**	**7**	**7**	**7**	**7**	**7**	**7**	**21**	**423**	**1,044**
32 - Safety, Health, Security & Quality											
000.2 - Safety,Health,Security/Quality	66	4,724	61	61	61	61	61	61	184	2,889	8,167
	66	**4,724**	**61**	**61**	**61**	**61**	**61**	**61**	**184**	**2,889**	**8,167**
34 - Environmental Prog & Strategic Planning											
000.4 - Environmental Prog & Strategic Planning	20	1,056	19	19	19	18	18	18	56	957	2,180
030.2 - Envr Prog & Strategic Planning	19	1,484	21	18	17	22	14	23	51	1,696	3,346
	38	**2,539**	**40**	**37**	**36**	**40**	**32**	**41**	**107**	**2,653**	**5,526**
35 - Business Services											
000.6A - Expense PSD	0	1,302	0	0	0	0	0	0	0	0	1,302
000.8 - Chief Financial Officer	80	4,883	77	76	76	76	76	76	227	4,924	10,489
011.9T - Ramp Up/Transition - Training	0	15	0	0	0	0	0	0	0	0	15
013.9F - Ramp Up/Transition - Fac	0	1	0	0	0	0	0	0	0	0	1
013.9T - Ramp Up/Transition - Training	0	11	0	0	0	0	0	0	0	0	11
030.9F - Ramp Up/Transition - Fac	0	272	0	0	0	0	0	0	0	0	272
030.9T - Ramp Up/Transition - Training	0	7	0	0	0	0	0	0	0	0	7
040.9F - Ramp Up/Transition - Fac	0	2	0	0	0	0	0	0	0	0	2
040.9T - Ramp Up/Transition - Training	0	18	0	0	0	0	0	0	0	0	18
041.9F - Ramp Up/Transition - Fac	0	1	0	0	0	0	0	0	0	0	1
041.9T - Ramp Up/Transition - Training	0	13	0	0	0	0	0	0	0	0	13
	80	**6,524**	**77**	**76**	**76**	**76**	**76**	**76**	**227**	**4,924**	**12,130**
36 - Prime Contract & Project Integration											
000.7 - Contract and Baseline Management	36	1,985	35	36	36	36	36	36	110	2,313	4,624
000.9 - Chief Information Officer	10	640	11	11	11	11	11	11	32	595	1,332
	46	**2,625**	**46**	**47**	**47**	**47**	**47**	**47**	**142**	**2,908**	**5,956**
39 - PS&S G&A Adder Offset											
000.5B - PS&S G&A Adder Offset	0	0	0	0	0	0	0	0	0	0	0
	0	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
3B - PFP Closure											
011.1 - Plutonium Finishing Plant	463	28,332	465	494	493	480	471	483	1,469	13,290	45,977
	463	**28,332**	**465**	**494**	**493**	**480**	**471**	**483**	**1,469**	**13,290**	**45,977**
3C - W&FMP/D&D Project											
012.1 - 100 K Area Project	104	6,755	101	103	103	104	104	104	312	4,587	12,273
012.2 - Sludge Treatment Project	83	5,944	89	89	88	88	88	87	259	3,460	10,192
013.1 - Waste Management	301	32,051	293	293	293	293	293	296	934	22,333	57,079
040.1 - PRC D&D	0	7,528	0	0	0	0	0	0	1	1,227	8,757
040.2 - D&D Fac Waste Site Remediation	0	1,341	0	0	0	0	0	0	0	487	1,828
040.3 - PRC Fac & Waste Site Maint	38	2,208	37	37	38	38	39	38	113	2,324	4,869
041.1 - River Zone	24	6,861	25	24	22	22	22	22	65	4,365	11,426
042.1 - FFTF	5	596	5	5	5	5	5	5	15	413	1,055
	556	**63,285**	**550**	**550**	**549**	**549**	**549**	**552**	**1,698**	**39,197**	**107,478**
3D - Soil & Groundwater Remediation											
030.1 - Soil & GW Remediation	234	16,433	261	266	273	281	273	299	822	18,008	36,916
	234	**16,433**	**261**	**266**	**273**	**281**	**273**	**299**	**822**	**18,008**	**36,916**
3F - Engineering, Projects & Construction											
000.F - Eng/Procurement & Construction	13	1,257	14	14	14	14	14	14	41	766	2,148
030.3 - EPC - Groundwater	3	3,619	3	3	3	3	3	3	9	0	3,647
	17	**4,876**	**17**	**17**	**17**	**17**	**17**	**17**	**50**	**766**	**5,794**
Grand Totals:	**1,506**	**129,900**	**1,524**	**1,555**	**1,559**	**1,558**	**1,533**	**1,583**	**4,721**	**85,058**	**228,991**

CLASSIFICATION (When Filled In)

CONTRACT PERFORMANCE REPORT
FORMAT 5 - EXPLANATIONS AND PROBLEM ANALYSES

FORM APPROVED
OMB No. 0704-0188

1. CONTRACTOR	2. CONTRACT		3. PROGRAM	4. REPORT PERIOD
a. NAME CH2M HILL Plateau Remediation Company	**a. NAME** Plateau Remediation Contract		**a. NAME** Plateau Remediation Contract	**a. FROM (YYYY/MM/DD)** **2012/11/26**
b. LOCATION (Address and ZIP Code) Richland, WA 99354	**b. NUMBER** DE-AC06-08RL14788		**b. PHASE** Base	**b. TO (YYYY/MM/DD)** **2012/12/23**
	c. TYPE CPAF	**d. SHARE RATIO**	**c. EVMS ACCEPTANCE** **2009/09/18** **NO YES X**	

	BCWS	BCWP	ACWP	SV in $	SV in %	CV in $	CV %	SPI	CPI
Current:	31,155	28,836	29,025	(2,319)	-7.4%	(188)	-0.7%	0.93	0.99
Cumulative:	3,133,946	3,122,659	3,081,694	(11,287)	-0.4%	40,965	1.3%	1.00	1.01
	BAC	EAC	VAC in $	VAC in %	CPI to BAC	CPI to EAC			
At Complete:	5,364,068	5,345,123	18,945	0.4%	1.0	1.0			

Explanation of Variance/Description of Problem:

Current Period Schedule Variance: The Current Month unfavorable Schedule Variance (-$2.3M) is primarily due to RL-0011 PFP Closure Project negative variance (-$0.5M) results from work efforts impacted by the failure of the PRF canyon crane, and process vacuum and transfer line removal efforts that were impacted by a suspension of use of non-standard containers. A management stop work associated with chemical lines also contributed to the variance. The RL-0012 negative variance (-$0.8M) is due to a Quality Assurance stand down and a delay to the start of the 2nd settler tank retrieval pending evaluation of strategies for avoiding a second retrieval campaign. The RL-0030 negative variance (-$0.7M) is due to early completion of the NR-2 barrier work that was planned in FY2013 but completed in FY2011 and FY2012 and well drilling delays in H and K areas awaiting determination of well locations.

Current Period Cost Variance: The Current Month favorable Cost Variance (-$0.2M) is within reporting threshold.

Cumulative Schedule Variance: The Cumulative Schedule Variance (-$11.3M) is within reporting thresholds.

Cumulative Cost Variance: The Cumulative Cost Variance (+$41.0M) is within reporting thresholds and consists of favorable and unfavorable cost variances in direct projects (+$18.0M) and prior year G&A/DD/PSD distribution variances (+$23.0M).

Impact:

Current Period Schedule: No significant impacts by PBS have been identified.

Current Period Cost: No significant impacts by PBS have been identified.

CTD Schedule: For PBS RL-11, KPP - Given the schedule impacts to date and the remaining time to recover, the PFP project will continue working four field work teams until the completion of the KPP glovebox work scope in May 2014. Reduced funding, workforce restructuring, chemical mitigation, delayed ramp-up of 242-Z field work teams, and PRF crane impacts for D&D field teams is pushing completion of follow-on work, impacting TPA Milestone M-083-00A. The current forecast is showing a 95 working-day delay to TPA Milestone M-083-00A, primarily driven by added chemical mitigation work scope delaying process vacuum removal in 234-5Z. The top ten critical float paths contain activities associated with D&D 242-Z, D&D 236-Z (PRF), D&D 243-Z, 291-Z D&D and stack demolition, 234-5Z final filter removal, and process vacuum piping removal. As a result of reduced funding, slightly offset by implementation of breakthrough initiatives, the FY2013 Baseline Update reflects an impact of a one-year delay from the PMB3 Baseline Plan that was submitted in November 2011. Due to FY2013 and FY2014 funding constraints and schedule impacts experienced in FY2013, completion of TPA Milestone M-083-44 by 9/30/2015 is not achievable. TPA Milestone M-083-44, Complete Transition of 234-5Z&ZA/243-Z/291-Z & 291-Z-1 Facilities. Due: September 30, 2015, Forecast: September 8, 2016. TPA Milestone M-083-00A, Complete PFP Facility Transition and Selected Disposition Activities. Due: September 30, 2016, Forecast: February 17, 2017. TPA Milestone M-083-24-T01, Submit Revision 0 of the PFP Complex S&M Plan to Ecology. Due June 30, 2016, Forecast: June 30, 2016. For RL-12, RL-13, RL-30, RL-40, RL-41 and RL-42, the schedule variance is within threshold with no significant impact.

CTD Cost: For PBS RL-11, an over-run at completion is forecast, primarily due to unexpected greater complexity of work experienced in prior years, costs to complete the behind-schedule FY2012 work scope, and the FY2013 work scope impacted by chemical mitigation. The EAC includes the cost of extending level-of-effort services, consistent with delayed activities in support of completing TPA Milestone M-083-00A. After recovery plans are implemented, the EAC will be updated if necessary to reflect additional support staff that may be required to meet the TPA milestone. In RL-13, RL-040, RL-41 and RL-42, under runs are forecast based on efficiencies, partially offset by roof repair expected later this fiscal year in RL-42.

FORMAT 5, DD FORM 2734/5, EXPLANATION AND PROBLEM ANALYSIS

Corrective Action:

Current Period Schedule: For PBS RL-11, see CTD Schedule. No other corrective actions are required.

Current Period Cost: No corrective actions are required.

CTD Schedule: For PBS RL-11, the following corrective actions are in place: 1. Overtime is being used for specific priority work scope to recover schedule slippage. This month, except for working through lunch in support of PRF crane repair, all requested overtime was turned down (December OT use was 3.7%). Until the Collective Bargaining Agreement (CBA) negotiations are complete, use of overtime to recover schedule is not a planned recovery action. This action is closed. 2. Overtime will be used whenever possible to recover schedule slippage, resulting from reassigned MT glovebox team, supporting issues associated with chemical mitigation. The emergent chemical mitigation efforts are still being evaluated. Actions and estimated time for schedule recovery will be established in the next accounting period. Status: PFP management is investigating the cost/benefit of assigning an additional field work team to the added chemical mitigation work scope (ECD February 2013). 3. Effective 12/24/12, PFP is changing from 8x9 to a 5x8 work schedule. This will provide an extra entry each week (one extra shift every other week). 4. Manager/Supervisor job listings were posted and interviews are in process to hire nine (6 D&D Field Work Supervisors, 2 Electrical PICs, and 1 Maintenance PIC) – ECD February 2013. 5. D&D 242-Z project efficiencies are being investigated that may help to bring back the project completion date. If stakeholders and senior management agree with new approach, a BCR will be completed to incorporate the plan into approved baseline. (ECD February 2013). 6. Process Vacuum Removal team is looking at the feasibility of removing equipment by area versus system to reduce schedule duration and recover some of the schedule delay. No other corrective actions are required.

CTD Cost: For RL-30, Cost overruns for the 200 West Pump-and-Treat System are being addressed and additional funding will be identified as required. For RL-41, change requests and REAs are being prepared to address additional soil contamination efforts not priced in the original contract. No other corrective actions are required.

Monthly Summary (to include technical causes of VARs, Impacts, and Corrective Action(s):

Unfavorable schedule performance was primarily in RL-0011, RL-0012, and RL-0030:

Schedule performance in December was primarily attributed to:

- RL-0011 – PRF work efforts impacted by the failure of the PRF canyon crane, and process vacuum and transfer line removal efforts that were impacted by a suspension of use of non-standard containers and by a management stop work associated with chemical lines. Also contributing to the variance are impacts of various bargaining unit employee actions (e.g., overtime turn down, upgraded employees' request to return to tools). Unfavorable variances were partially offset by progress earned on work scheduled to be complete in prior periods.
- RL-0012 – A Quality Assurance stand down and stoppage of quality affecting work in early December. Following development and submittal of a Corrective Action Plan from the construction contractor (FE&C) and CHPRC approval of that CAP, work will restart in early January. In addition, there was a delay to the start of the 2nd settler tank retrieval as the STP Technical Staff evaluates strategies for avoiding a second retrieval campaign.
- RL-0030 – Early completion of the NR-2 barrier work that was planned in FY2013, but completed in FY2011, and FY2012. Other activities contributing to the variance are well drilling delays in H and K areas awaiting determination of well locations and chemical procurements for the 200W P&T that were level loaded in the baseline but will occur later in the Fiscal Year.

Cost performance in December was primarily attributed to RL-0030 close-out/claims issues associated with the 200 W P&T facility construction that were partially offset by realized efficiencies in multiple projects.

Corrective actions for PFP include continued use of overtime for specific priority work scope to recover schedule slippage. Overtime will be used whenever possible to recover schedule slippage resulting from reassigned MT glovebox team supporting issues associated with chemical mitigation. The emergent chemical mitigation efforts are still being evaluated. Actions and estimated time for schedule recovery will be established in the next accounting period. No other significant impacts have been identified and no other corrective actions are required.

Contractually Required Cost, Schedule, EAC variance, Management Reserve Use

Variance in Performance BAC and EAC: The variance at complete (VAC) between the BAC and EAC this month is a positive $18.9 million and +0.4% and is within reporting thresholds. The VACs for each project baseline summary (PBS) are also within the threshold limits. For information, the VAC threshold limits are +or- 5% and +or- $15 million.

Format 1 and 3 Contract Data: **Contract Price Adjustments**

CPs - In Process		
	Total Authorized Unpriced Work	**$0.0**
Approved Adjustments to Contract Price (not reflected in B.4-1 Table)		
	Total Negotiated Cost Changes	**-**
	Grand Total Adjustments	**$0.0**

FORMAT 5, DD FORM 2734/5, EXPLANATION AND PROBLEM ANALYSIS

Use of Management Reserve (MR):

Management Reserve Utilization

BCR Number	Title	Fiscal Year	MR & PBS
N/A	*N/A*	*N/A*	*N/A*
Overall there was no change to MR in December 2012.			

Best/Worst/Most Likely Estimate: The Best EAC is the EAC reported this month, which assumes all efficiencies gained contract-to-date will remain at completion with no use of management reserve. The most likely EAC is the EAC reported this month plus the to-go (available) management reserve, which assumes all efficiencies gained contract-to-date will remain at completion but all available management reserve is used (e.g., all identified risks realized). The worst EAC is the BAC reported this month plus the to-go (available) management reserve, which assumes all efficiencies gained contract-to-date will be eroded at completion and all available management reserve is used (e.g., all identified risks realized). The Best/Worst and Most Likely EAC values are documented in the Format 1 Report.

Prepared by:	**Date:**	**Approved by:**	**Date:**
Project Control Staff	1/20/2013		

(1) = Trench Face Retrieval & Characterization System; (2) = Engineered Containers Retrieval and Transportation System; (3) PSD R&RP = Project Specific Distributables Rewards & Recognition Program; (4) DCAA = Defense Contract Audit Agency; (5) Powered Air Purifying Respirator; (6) Maintenance and Storage Facility (MASF)

Appendix B
Project Services and Support
(WBS 000)

CH2MHILL
Plateau Remediation Company

T. L. Vaughn
Vice President for
Safety, Health, Security
and Quality

C.M. Kronvall
Acting Vice President for
Engineering, Projects
and Construction

M. N. Jaraysi
Vice President for
Environmental Program
and Strategic Planning

K. G. Tebrugge
Director of
Communications

R. M. Millikin
Vice President for
Prime Contract and
Project Integration

V. M. Bogenberger
Vice President for
Business Services
Chief Financial Officer

December 2012
CHPRC-2012-12, Rev. 0
Contract DE-AC06-08RL14788
Deliverable C.3.1.3.1 - 1

PROGRAM SUMMARY

Project Services and Support functional activities continue to provide support and technical services to all CHPRC projects as well as central management of cross-cutting services.

EMS Objectives and Target Status

Objective #	Objective	Target	Due Date	Status
13-EMS-EPC-OB1-T1	Reduce the potential generation and release of toxic and hazardous chemicals and materials.	Improve spill prevention program to reduce the potential for spills to the environment by use of spill prevention techniques, training, and surveillances.	9/30/13	15%
13-EMS-ADMIN-OB1-T1	Reduce energy intensity.	Increase facility occupancy rates to greater than 85% by compressing occupancy and vacating underutilized facilities.	3/28/13	10%
13-EMS-ADMIN-OB1-T2	Reduce depletion of environmental resources through material recycling.	Remove the 22 remaining leased ARRA and 20 Baseline leased mobile offices from the site, and vacate 20 Government owned facilities by September 30, 2013.	9/30/13	9%
13-EMS-ADMIN-OB1-T3	Reduce potable water consumption for non-drinking water purposes.	Remove 14 of 40 self-contained restroom and shower mobile units from service.	9/30/13	25%
13-EMS-ADMIN-OB2-T1	Reduce the generation and/or toxicity of waste at the source.	Incorporate waste minimization language into 80% of CHPRC onsite/offsite event contracts.	7/31/13	66%
13-EMS-ADMIN-OB3-T1	Maximize the acquisition and use of environmentally preferable products in the conduct of operations.	Improve the procurement of environmentally preferable products by limiting the availability of non-compliant office products on the POS web site and providing educational materials to 100% of CHPRC P-Card holders.	10/9/13	10%
13-EMS-ADMIN-OB4-T1	Reduce the generation and/or toxicity of waste at the source.	Reduce the number and types of printers supported and maintained. This will alleviate repair and operation costs and standardize the printer/copier types. Improve ability to manage printing. Reduce toner, ink, paper, and energy use.	9/30/13	36%
13-EMS-ADMIN-OB5-T1	Reduce Green House Gas emissions by reducing vehicle miles traveled.	Track the use of SMART boards during quarter 1 and 2 in FY2013. Calculate reduced GHG emissions realized from the use of SMART boards.	4/30/13	40%
13-EMS-ADMIN-OB6-T1	Reduce or avoid greenhouse gas emissions.	Have at least 10 CHPRC employees bicycle to work on May 17, 2013, Bike to Work Day. Build on the enthusiasm and expand the challenge to the entire month of June.	7/31/13	0%

TARGET ZERO PERFORMANCE

	Current Month	Rolling 12 Months	Comment
Days Away, Restricted or Transferred	0	0	N/A
Total Recordable Injuries	0	0	N/A
First Aid Cases	0	2	N/A
Near-Misses	0	1	N/A

KEY ACCOMPLISHMENTS

Safety, Health, Security, and Quality (SHS&Q)

- Project Services and Support functional activities continue to provide support and technical services to all CHPRC projects as well as central management of crosscutting services. As of December, the CHPRC Functional Program organizations continue with no recordable injuries, have accumulated over 1,844,246 person hours worked without a recordable injury (two and a half years), and over 3,048,275 person hours worked (four years and three months) without a DART case.
  - o Occupational Safety and Industrial Hygiene (OS&IH) accomplishments:
    - Continued support of site-wide standards committees and site-wide steering committees, including the development of training materials for the new Global Harmonization System (GHS).
    - Continued progress with the corrective action plan (CAP) associated with the CHPRC (and multi-contractor) Beryllium Characterization Project.
    - Continued implementation efforts with new Site-wide Respiratory Protection Program.
    - Published a CHPRC safety observation program Continued with the Development of a GAP Analysis Tool for the Voluntary Protection Program (VPP).
    - Continued development of the VPP Management Plan.
    - Preparing to issue the VPP Pocket Guide.
    - Continued development of the VPP Communication Plan.
    - Submitted three abstracts for VPP National Conference.
    - Provided support to the site wide evaluation process for portable slip simulator for WRPS.
    - Developing technical operating procedures for the Gas Chromatograph Mass Spectrometer (GCMS).
    - Implementing new Chemical Management Program.
    - Continued support to PFP for chemical hazard evaluations on remaining chemical lines.
    - Participated in the RL Hazard Identification and Control Mentoring Plan.
    - Participated in the Nuclear Safety & Performance Evaluation Board (NSPEB) evaluation of Sludge Treatment Project.

- Fire Protection accomplishments:
  - The Fire Protection Program group issued one Fire Marshal Permit and conducted two assessments and four surveillances in December. In addition, three fire system restrictions/impairments were identified.
- Emergency Preparedness (EP) accomplishments:
  - Eleven drills were performed in December, eight were operational drills.
  - Submitted 100K Deactivation and Decommissioning Project Hazards Survey to RL.
  - Submitted PUREX Emergency Planning Hazards Assessment to RL.
  - Completed field work for CHPRC EP Program Management Self-Assessment.
- Radiological Control accomplishments:
  - Completed dose calculations to support Waste Characterization activities.
  - Continued to support site-wide Radiological Control committees.
  - Completed testing of new light weight neutron instruments.
  - Competed assessment of neutron instrument calibration frequencies to support Hanford Site operations.
- Operations Program accomplishments:
  - Supported NSPEB in performing the Sludge Treatment Project evaluation.
  - Initiated company level effort to improve the quality of Pre-job briefings, through the establishment of a senior team comprised of operations experts from within the company to standardize the processes used and improve quality.
  - Conduct of Operations Champions Team is developing improvement initiatives for procedure development and use and Technical Safety Requirement surveillance reviews.
  - Initiated project input to improve the Pre-Job Briefing procedure content and related forms.
  - Notified that the calibration contract, which shifted from Energy Northwest to Micro Precision Instruments, is again delayed until February 1st. Current primary delay is due to negotiations with HAMTC.
  - Continued working with CHPRC, MSA, and WRPS Records Management to devise process for handling Calibration Records and Discrepancy Evaluations using automated processes and IDMS.
  - Provided support to K Basin Engineering and Maintenance personnel for performance of functional checks on Personnel Contamination Monitors (PCMs) and Continuous Air Monitors (CAMs).
- Nuclear Safety deliverables prepared and transmitted to RL in December include:
  - Documented Safety Analysis:
    - Letter, CHPRC-1203887 R1, dated December 10, 2012, *Deferred Implementation of the Annual Update to the CH2M HILL Plateau Remediation Company Safety Management Programs Documented Safety Analysis.*
    - Letter, CHPRC-1204322 REISSUE, dated December 13, 2012, *Submittal of the Annual Update to the 105-K West Basin Safety Basis Documents.*
    - Letter, CHPRC-1205125, dated December 17, 2012, *Transmittal of the Evaluation of Safety of the Situation and Operability Determination for the Waste Receiving and Processing Facility Unreviewed Safety Question Regarding Cracked Glovebox Windows*.
    - Letter, CHPRC-1205120, dated December 19, 2012, *Transmittal of the 2012 Annual Update of the Solid Waste Operations Complex Authorization Agreement*.
    - Letter, CHPRC-1203887 R2, dated December 20, 2012, *Re-Transmittal of the Annual Update to the CH2M HILL Plateau Remediation Company Safety Management Programs Documented Safety Analysis*.

- Nuclear Safety deliverables received from RL in December include:
  - Letter, 13-SED-0022, dated November 29, 2012, *Exempt Contractual Requirement to Perform System Health Reports for the Cold Vacuum Drying Facility (CVDF)*.
  - Letter, 13-SED-0003, dated November 29, 2012, *Transmittal of Review of the Loss of Configuration Control of the Safety Bases Surveillance (S-12-SED-PRC-012)*.
  - Letter, 13-SED-0012, dated December 3, 2012, *Transmittal of the Evaluation of Safety of the Situation and Operability Determination for the Waste Encapsulation and Storage Facility (WESF) Unreviewed Safety Question (USQ) Regarding Radiation Degradation of the Pool Cell Concrete*.
  - Letter, 13-SED-0014, dated December 3, 2012, *Transmittal of the Annual Update to the Solid Waste Operations Complex (SWOC) Master Documented safety Analysis (MDSA), HNF-14741, Revision 9, The SWOC Technical Safety Requirements (TSR), HNF-15280, Revision 9, and the SWOC Facilities Unreivewed Safety Question Determinations*.
  - Letter, 12-SED-0020, dated December 3, 2012, *Submittal of the Annual Update of the Canister Storage Building (CSB) Final Safety Analysis Report (FSAR) and Technical Safety Requirements*.

o Contractor Oversight, Assurance & Reporting accomplishments:
- 192 Conditions Reports were screened in December:
  - 1 significant
  - 1 adverse
  - 88 TUF
  - 40 TO
  - 58 OFI
  - 9 Screened Out
- Over 3500 issues were screened in the Condition Reporting & Resolution System (CRRS) in 2012. This is compared with 3927 issues screened in 2011, which included the period of the American Recovery and Reinvestment Act work.
- The Issues Management Forum is developing a new lesson learned template and the requirements for documenting/capturing Lessons Learned documents in CRRS/HILLS/OPEX.
- The CHPRC quarterly Performance Analysis Report First Quarter Fiscal Year 2013 was transmitted to RL.
- Revising "test case" files for formal testing of the Integrated Evaluation Plan (IEP) software upgrades by Project/Program user, editor and administrator functions.
- Completed CHPRC Radiation Protection Program 10 CFR 835 triennial assessment of Subpart K, Design and Control (SHS&Q-2013-SURV-10692).
- Completed Worksite Assessment of CHPRC Senior Management Endorsement of the Issues Management Process (SHS&Q-2013-WSA-12844).
- Continued update of the CHPRC Startup Readiness procedures to address comments raised by the DNFSB and DOE-HQ, incorporate improvements suggested by CHPRC team members and ideas from complex wide lessons learned.
- Issued PRC-MP-MS-40337, *Continuous Improvement Plan*, Revision 1.
- Prepared ISMS SMP review for ESRB.
- Drafted FY2013 POMCs for senior staff review and comment.

o Quality Assurance accomplishments:
- Provided QA support to the Effluent Treatment Facility evaporator heat exchanger repair ensuring ASME code requirements were met for welding activities.
- Completed an external audit of CHPRC QA program (final report anticipated January).

  - Provided QA support to Sludge Treatment Project for QA stand-down of subcontractor quality related work activities.
  - Provided training to QA staff on procurement related activities based on problems associated with Quality Assurance Inspection Plans.
  - Provided training to the CHPRC Nuclear Safety Center of Excellence on the Commercial Grade Dedication (CGD) process.
  - Provided QA support to the WESF pool cell radiation monitor repair ensuring the proper application of material upgrade process.
- Status of SHS&Q Focus Areas:
  - **Issue:** Beryllium program assessment findings from DOE-HQ, Office of Safety, Health and Security Independent Oversight Inspection report.
    Status: Development of Beryllium CAP products. Developing cost estimates for Be characterization process.
    Action: Implementing CHPRC actions and supporting site-wide actions per the approved CAP.
  - **Issue:** Asbestos Employee Concern/Stop Work.
    Status: Site wide actions underway. Short and mid-term actions are complete. Anticipate closure of final action in January 2013 to lift stop work.
    Action: CHPRC point of contact interfacing with concerned employee to lift stop work.

Environmental Program and Strategic Planning (EP&SP)
Environmental Management System

- CHPRC received a special achievement award from the local chapter of the Certified Hazardous Materials Managers. This award was in recognition of the company's wide waste reduction initiatives and in particular the Zero-Waste Picnic.

Environmental Protection

- **Compliance Item Status**

  Asbestos: CHPRC organized a comprehensive asbestos NESHAP training course on December 10-11, 2012. This course was attended by about 100 persons and included representatives from most contractors, the trades, as well as regulatory and DOE HQ personnel. A repeat of the course is being considered to allow for more interested persons to obtain this training.
- **Central Waste Complex Box and WRAP Drum Leak Enforcement:** CHPRC and RL provided Ecology with a proposal to help advance the AO discussions. This proposal would resolve the issues through the TPA and include an abbreviated version of the AO. Ecology is favorable to this approach. The next step is to gain EPA agreement on this approach.
- **RCRA Draft Permit:** Ecology has indicated that the site-wide RCRA permit may be delayed due to the number and complexity of the issues raised during public comment. This permit may be re-issued for comment with a target final permit date of November 2015. More information on this development is expected from Ecology in January 2013.
- **Other Environmental Accomplishments:**
  - No reportable spill events.
  - One external regulatory inspection performed during the month, no issues.
  - Worked with SWOC project staff on cost-impact and feasibility analysis of draft AO.

Environmental Compliance & Quality Assurance (ECQA)

- **Assessments Completed in December**
  - Environmental Compliance Inspection of the Effluent and Environmental Monitoring. Seven Findings were identified as well as four OFI's.

  - Environmental Compliance Inspection Pollution Prevention. No Findings or OFI's were identified.
- **Assessments in Process**
  - Environmental Compliance Inspection of Asbestos Management is in progress and will be completed by January 11, 2013.
  - Environmental Compliance Inspection of the 100KW Qualified Process: Sludge Removal End-Point Criteria is in progress and will be completed by January 30, 2013.
  - Environmental Compliance Inspection of Environmental Notifications is in progress and will be completed by January 30, 2013.
  - Independent Assessment of CERCLA Removal Actions is in the planning process and will be completed by March 30, 2013.
- **Assessments upcoming this Quarter**
  - Ozone Depleting Substances Management.
  - Toxic Air Permitting & Compliance.
  - NEPA & SEPA.

Business Services

Acquisition Planning

- Completed annual revision to Small Business Plan and submitted to RL.
- Continue to work with Projects on Small Business opportunities (Elevator Inspections, large IP-1 bag and box, Flame Retardant Clothing).

Facilities and Property Management

- Two leased mobile offices, MO580 and MO612 were removed from the site in December in support of the Soil and Groundwater Remediation Program.

Procurement

- For the month of December 2012, the Procurement group awarded 20 new contracts with a total value of $1.13M, amended 127 existing contracts with a net reduced total value of ($3.13M), for a grand total of ($2.0M). Additionally, awarded 129 new material Purchase Orders valued at $375K to support ongoing project objectives.
- At the end of the first 51 months of the PRC, procurement volume has been significant; $2.0B in contract activity has been recorded with approximately 48.7%, or $986M, in awards to small businesses. This includes 6,051 contract releases, 14,162 purchase orders, and 209,934 P-Card transactions.
- In December, acquisition and field personnel activated the re-designed Procurement web site for use. The new web site features a process flow chart linked directly to the implementing procedures. All of the web pages were updated to conform to the CHPRC "web template" and many of the linked documents were reorganized into groupings by subject matter.
- In December, the Procurement department participated in the NQA-1 audit. The QA auditors interviewed several members of the team and procurement files were reviewed. Auditor feedback about the knowledge of the Procurement personnel and quality of the file documentation was positive. At the completion of the audit, there were no procurement-related findings or observations.

Material Services

- Provided Asset Suite support for an RL audit on Spare Parts for PFP 291Z Exhaust Fan Assemblies.
- Site office supply vendor, Pacific Office Solutions, modified their website for CHPRC P-Card holders to make available for purchase only 30% and greater recycled paper and file folder products. This supports CHPRC Environmental EMS objectives.

Training and Procedures

- Implementation of the CHPRC Procedure System (PPS) will occur in early March. System attributes include:
  - Document development, review and approval
  - Level 3 procedure renumbering
  - Single point access for publishing and retrieval
  - Electronic records for procedure history files.

Prime Contract and Project Integration (PC&PI)

In December, Prime Contracts received and processed three (3) contract modifications (numbers 226, 249, and 250) from RL. Correspondence Review received and determined the distribution for 31 incoming letters/documents from RL and the Contract Compliance Manager reviewed 37 outgoing correspondence packages.

Prime Contracts worked with the Plutonium Finishing Plant Closure (PFP), Soil and Groundwater Remediation Project (S&GRP), and the Decommissioning, Waste, Fuels & Remediation Services (DWF&RS) on the identification and documentation of potential Contract changes. During December, formal Notices of Change were issued to RL on the following potential Contract changes:

- Revision in the approved strategy for management of Investigation-Derived Waste (IDW) – S&GRP
- 100-NR-2 Operable Unit (OU) work scope related to the Vadose zone expansion portion of the apatite barrier – S&GRP

The Estimating Support Services group actives for the month are described below.

- Decommissioning, Waste, Fuels & Remediation Services (DWF&RS):
  - Sludge Treatment Project (STP):
    - Continued the effort to provide estimated cost for design changes associated with the 100K Area Annex construction. Staff estimators developed cost estimates for new/proposed changes, and estimates that support the review and definitization of change orders submitted by the construction subcontractor, FE&C.
- Plutonium Finishing Plant Closure (PFP):
  - Continued work with the project on identification and documentation of the impacts related to potential contract changes. Additionally, a gap analysis associated with the deactivation and demolition of facilities was initiated.
- Safety, Health, Security, & Quality (SHS&Q):
  - Continued to working with SHS&Q on developing a Change Proposal in response to prospective Change Order #199, "*OSHA Revised Hazard Communication Standard".* This prospective change is approved would implement the changes contained in OSHA's revised Hazard Communication Standard,
- Activities associated with Sage/Timberline estimating software included:
  - Initiated Timberline software estimating assembly tool review and validation for the purpose of identifying any needed changes or updates.
  - Updated CHPRC/Subcontractor Proposal rate tables for changes that resulted from an audit finding associated with CHPRC labor rates. ICWEA resources will no longer be included in the computation of CHPRC labor rates, but will be referenced in the same manner that service subcontract resources reported. The overall effect on several labor rates was not significant.
  - Members of the Estimating staff received P6 Primavera Basic training. The need to gain knowledge of the scheduling software is driven by the plan to incorporate an electronic Timberline to Primavera (and ultimately COBRA) data integration tool to improve the speed and accuracy of estimate pricing.

- Two Work Site Assessments (WSA) were completed in December:
  - PC&PI-2013-WSA-12839, Training Worksite Assessment. Two minor non-compliances were noted and corrected immediately related to an EJTA not in completed status, and an EJTA that contained inaccurate administrative information.
  - PC&PI-2013-WSA-12853, Estimate Planning. Opportunities for improvement were recorded and are being factored into the review and revision of PRC-GD-PC-40434, Estimating Guide, which is in progress.
- Supported RL on post 2015 scope, schedule and budget formulation
- Continued performing self-assessments centered around EVMS compliance.

Engineering, Projects and Construction (EPC)

- EPC Construction completed clean-out of the 105 KE reactor building interior December 28; the reactor building has been placed into standby, pending future approval to proceed with cocooning of the building.
- Central Engineering (CE) supported the Sludge Treatment Project (STP) Engineered Container Retrieval and Transfer System (ECRTS) in the evaluation/interpretation of the Natural Phenomena Hazards (Seismic, Wind, Snow, Ashfall) classification and Design Criteria for the systems subject to Hydrogen explosion.
- CE is assisting STP ECRTS in the completion of logic design and subsequent STP control system validation on the Retrieval/Transfer System Control Panel (ECRT-PNL-201) due to the addition of smart relays. Smart relays are replacing conventional relays to reduce wire counts/routing during construction.
- CE is supporting the STP ECRTS team in the review and resolution of structural issues as a result of project review comments (RCRs) and design changes (DCNs) by AREVA/Meier Engineering.
- CE is supporting the Solid Waste Operation in the design of the General Purpose Burial Box Over-pack (IP-1 container) for housing and transporting the 231-ZD-R11 Concrete Waste Container.
- Federal Engineers & Constructors (FE&C) submitted their quality assurance corrective action plan to CHPRC December 27, 2012. CHPRC reviewed the plan and approved it with comments January 3, 2012. FE&C's restart will be a phased approach based on CHPRC surveillances of their completed corrective actions.
- CE led the formation of a Commercial Grade Dedication (CGD) Continuous Improvement Team. The team met January 9, 2013 and has identified initial improvement actions. The next team meeting is scheduled for January 21, 2013.
- CE continues to provide technical and BTR support to the DWF&RS Effluent Treatment Facility (ETF) for the repairs being made to the process Heat Exchanger Revisions to the Statement of Work were approved to more clearly define the roles of each of the FGG supplied staff members and to align these roles with the ASME "R" stamp requirements.. Plate removal has been completed, site preparation for the replacement plate has been completed, and repair of the shell on the west and east side of the vessel have been completed (photo attached). Welding of the replacement plate is scheduled to begin January 14, 2013.
- CE issued the System Engineer Program Manager Annual Report. The report summarizes the performance of the active Systems, Structures, and Components (SSCs) designated as Vital Safety Systems (VSSs)
- CE is assisting with closing out corrective actions associated with CRRS item CR-2012-2066. The CRRS item was written due to workers receiving a mild electrical shock from a non-NRTL portable misting fan.
- CE provided direct I&C engineering support for WCH on the design engineer signoff of DCN-H-3-20363 SHT01-04-01. The design change required the replacement of an outdated pneumatic control

parameter data recorder with an electrical signal parameter data logger used to track Building 324 Zone II pressure measurement. The design change has been installed and the data logger is running as expected.

- CE Continued to support efforts to transfer aged spare HEPA filters from PFP spare parts to Mississippi State University for DOE funded performance testing.
- CE led the Monthly Energy Facility Contractors Group (EFCOG) Engineering Practices Working Group (EPWOG) leadership call. February 12, 2013 was established as the date for the full Winter EPWOG teleconference and April 16-18, 2013 was established as the date for the semi-annual meeting that will be held in the DOE-HQ Forrestal Building.

Communications

Internal

- Produced two episodes of InSite, the weekly news broadcast, including a special on CHPRC employees' community giving, efficiencies in groundwater treatment, and an ethics moment with CHPRC Legal Counsel and Ethics Compliance Officer Stan Bensussen.
- Produced four issues of the Weekly Update, the employee newsletter, including manager messages from Kent Dorr, Engineering, Projects & Construction vice president; Moses Jaraysi, Environmental Program & Strategic Planning vice president; Kimberly Tebrugge, Communications director; and Terry Vaughn, Safety, Health, Security & Quality vice president.

Media

- Provided media support for inquiries about collective bargaining agreement negotiations.
- The Eastern Washington Chapter of the Academy of Certified Hazardous Materials Managers recognized CHPRC for its Environmental Management System and zero waste picnic and the Cesium/Strontium capsule relocation.

Public Involvement

- Collaborated with RL, WCH, and CHPRC project managers to prepare three presentations for the January Hanford Advisory Board River and Plateau Committee meeting. The presentations focused on the DRAFT A Proposed Plans for 100-D/H and 100-F/IU Area.

PROJECT BASELINE PERFORMANCE
Current Month
($M)

WBS 000 Project Services and Support	Budgeted Cost of Work Scheduled	Budgeted Cost of Work Performed	Actual Cost of Work Performed	Schedule Variance ($)	Schedule Variance (%)	Cost Variance ($)	Cost Variance (%)
Communications	0.1	0.1	0.1	0.0	0.0%	(0.0)	-9.4%
Safety, Health, Security and Quality	1.3	1.3	1.2	0.0	0.0%	0.1	6.5%
Environmental Program and Strategic Planning	0.3	0.3	0.4	0.0	0.0%	(0.1)	-19.0%
Business Services	1.7	1.7	1.8	0.0	0.0%	(0.1)	-3.3%
Prime Contract and Project Integration	1.6	1.6	1.6	0.0	0.0%	(0.0)	-1.4%
Engineering, Projects and Construction	0.3	0.3	0.3	0.0	0.0%	0.1	16.6%
Indirect WBS 000 Total	**5.3**	**5.3**	**5.3**	**0.0**	**0.0%**	**(0.0)**	**-0.2%**

Numbers are rounded to the nearest $0.1M.

Indirect WBS 000

CM Schedule Performance: ($0.0M/0.0%) – Schedule is Level of Effort.

CM Cost Performance: (-$0.0M/-0.2%)

Variance is within reporting thresholds.

Fiscal Year-to-Date (FYTD)
($M)

WBS 000 Project Services and Support	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)
Communications	0.2	0.2	0.2	0.0	0.0%	(0.0)	-9.4%	1.0
Safety, Health, Security and Quality	3.6	3.6	3.6	0.0	0.0%	0.0	1.6%	15.7
Environmental Program and Strategic Planning	0.9	0.9	0.9	0.0	0.0%	(0.1)	-9.2%	3.9
Business Services	5.1	5.1	5.0	0.0	0.0%	0.1	1.0%	21.8
Prime Contract and Project Integration	4.7	4.7	4.6	0.0	0.0%	0.1	1.6%	21.3
Engineering, Projects and Construction	0.9	0.9	0.8	0.0	0.0%	0.1	8.6%	3.9
Indirect WBS 000 Total	**15.4**	**15.4**	**15.2**	**0.0**	**0.0%**	**0.2**	**1.1%**	**67.6**

Numbers are rounded to the nearest $0.1M.

Indirect WBS 000

FYTD Schedule Performance: ($0.0M/0.0%) – Schedule is Level of Effort.

FYTD Cost Performance: (+$0.2M/+1.1%)

Variance is within reporting thresholds.

Baseline Change Requests

BCRA-000-13-002R0 – *WBS 000 FOC Change*

FY2013 G&A Analysis ($M)

WBS 000 Project Services and Support	FY2013 FYTD BCWS	FY2013 FYTD Actual	FY2013 FYTD Variance (O)/U	FY2013 BCWS	FY2013 Forecast	FY2013 Variance (O)/U
Communications	0.2	0.2	(0.0)	1.0	1.1	(0.0)
Safety, Health, Security and Quality	3.6	3.6	0.1	15.7	16.0	(0.3)
Env. Program & Strategic Planning	0.9	0.9	(0.1)	3.9	3.7	0.1
Prime Contract and Project Integration	4.7	4.6	0.1	21.3	20.9	0.4
Business Services	5.1	5.0	0.1	21.8	21.5	0.3
Engineering, Projects & Construction	0.9	0.8	0.1	3.9	3.6	0.2
General & Administrative (G&A)	**15.4**	**15.2**	**0.2**	**67.6**	**66.8**	**0.8**

	FYTD	FY2013
G&A Distribution	**(14.2)**	**(66.6)**
G&A Liquidation (Over)/Under	**1.1**	**0.2**

Liquidation Analysis

For FY2013, Project Services and Support (PS&S), consists of only General and Administrative (G&A) accounts. Fiscal year to date through December, application of the G&A rate has under-liquidated total to date G&A costs by $1.1M. The FY2013 year end projected liquidation assumes an increase in the G&A base and a slight increase in the projected G&A costs, which results in a year-end under-liquidation projection of $0.2M.

Consistent with CHPRC prospective Cost Accounting Disclosure Statement Revision 6, under liquidations would be distributed to users at a minimum, when the combined (including Continuity of Service (COS) and Absence Adder rates) projected year end under liquidation is equal to or greater than $4M. Over liquidations would be distributed to users at a minimum, when the combined projected year end over liquidation is equal to or greater than $6M. Variances may be liquidated to users at lower thresholds if variances are determined to be significant to cost control. All remaining variances will be distributed at fiscal year end.

MAJOR ISSUES

None identified.

MILESTONE STATUS

None identified.

SELF-PERFORMED WORK

The Section H.20 clause entitled, “Self-Performed Work,” is addressed in the Monthly Report Overview.

GOVERNMENT FURNISHED SERVICES AND INFORMATION (GFS/I)

None identified.