CH2MHILL
Plateau Remediation Company

Monthly Performance Report

J. C. Fulton
President and Chief Executive Officer

U.S. Department of Energy Contract,
DE-AC06-08RL14788
Deliverable C.3.1.3.1 - 1

January 2014

CHPRC-2014-01, Rev. 0

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PROJECT BASELINE SUMMARY SECTIONS

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EXECUTIVE SUMMARY

- A team of representatives from U.S. Department of Energy Headquarters (DOE-HQ) completed a two-week assessment of CHPRC's Voluntary Protection Program (VPP) to evaluate the company for STAR status.

- Progress continued at the Plutonium Finishing Plant Closure Project (PFP), where workers finished size reduction of Pencil Tank 38-Failed and deactivated, cut and removed 26" vacuum line at ceiling of 235-A1, and completed MT-1 glovebox cleaning in the Plutonium Reclamation Facility (PRF).

- Concrete placement for the K West Annex to support the Sludge Treatment Project (STP) continued, including interior hose-in-hose chase foundation, loading bay stairs, housekeeping pad within the loading bay, truck stop and change room west slab.

- The Soil & Groundwater Remediation Project (S&GRP) completed five of eight monitoring wells for the BC-5 area toward a Tri-Party Agreement milestone and Key Performance Goal (KPG).

- The Decommissioning, Waste, Fuels & Remediation Services Project (DWF&RS) is performing preparatory work for Purex Tank 11 asbestos abatement.

A DOE-HQ review team visits CHPRC work sites for the Voluntary Protection Program assessment

Workers install a well for the 100-BC-5 Area

Focus on Safety

- The 2014 President's Zero Accident Council (PZAC) series was kicked off in January by the Safety, Health, Security & Quality (SHS&Q) Organization. The three main themes of the meeting were:
  - Cold Weather Strains
  - Ground Fault Circuit Interrupter (GFCI) vs. Arc Fault Circuit Interrupter (AFCI)
  - Electrical Safety

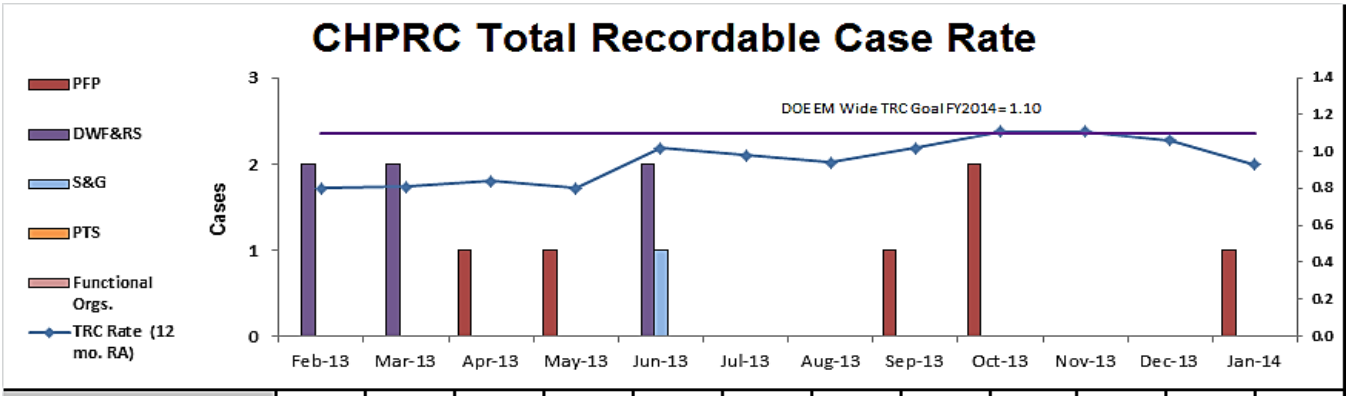
  As always, Stretch and Flex provided the PZAC pre-game warm up and the exercises were led by the co-chair of the Soil & Groundwater Remediation Project Employee Zero Accident Council (EZAC). The first presentation was a review of the week's Thinking Target Zero, focused on adopting a strong "Legion of Boom" defense against cold weather strains by being prepared, dressing warmly, and using smart techniques to reduce stress on muscles and joints. Next, the CHPRC lead union safety representative, an electrician by trade, went beast mode and energetically broke down the differences between the purposes and requirements of GFCI and AFCI protection. This was followed by a presentation on electrical safety that included zone coverage on the general program and a targeted blitz on overhead line safety. The monthly Voluntary Protection Program (VPP) presentation gave a play by play description of the program elements and introduced the starting lineup of the DOE-HQ VPP team visiting CHPRC for its onsite review. The remainder of the meeting included an Environmental Management System tip drill on green New Year resolutions, the safety performance review and Good News Stories.
- In January, the DOE-HQ Voluntary Protection Program (VPP) assessment team conducted a two-week review of CHPRC's safety and health program. The review team observed work activities and huddled with employees and the management team. During the out brief, the team identified some opportunities for improvement and praised CHPRC for its good practices, including strong management leadership and robust employee involvement. The team was especially impressed with the overall enhancement of CHPRC's strong commitment to actively engaging in health and safety programs. The DOE-HQ VPP team announced that CHPRC scored a touchdown and is recommending CHPRC for STAR status! The cheer that arose from the out brief attendees may have shattered a noise decibel record! John Ciucci, CHPRC's Chief Operating Officer, congratulated CHPRC's "12th Man" for a job well done, and specifically recognized Jack Griffith and Barbara Williams, co-chairs for CHPRC's VPP, as well as the VPP steering team, VPP champions and points of contact, and the EZAC chairs/co-chairs. Final approval and full results of the assessment are expected soon.

- Four "*Thinking Target Zero*" (TTZ) bulletins were published in January to convey important occupational safety and health messages:
  - Cold Weather Strains
  - Think and Drive
  - Driving at Night
  - VPP Congratulations
- *Weekly Safety Tailgate* briefing packages in January communicated relevant topics and safety information to the workforce:
  - Return to Work After the Holidays – Focus on Safety
  - Official Use Only Designations
  - VPP Assurances

- Wintery Conditions
- Fire Safety Barriers
- Beryllium Program Update
- Beryllium Postings
- "What Would You Do?" Ethics Awareness messages
- Injury/Illness Summaries and the TTZ of the week

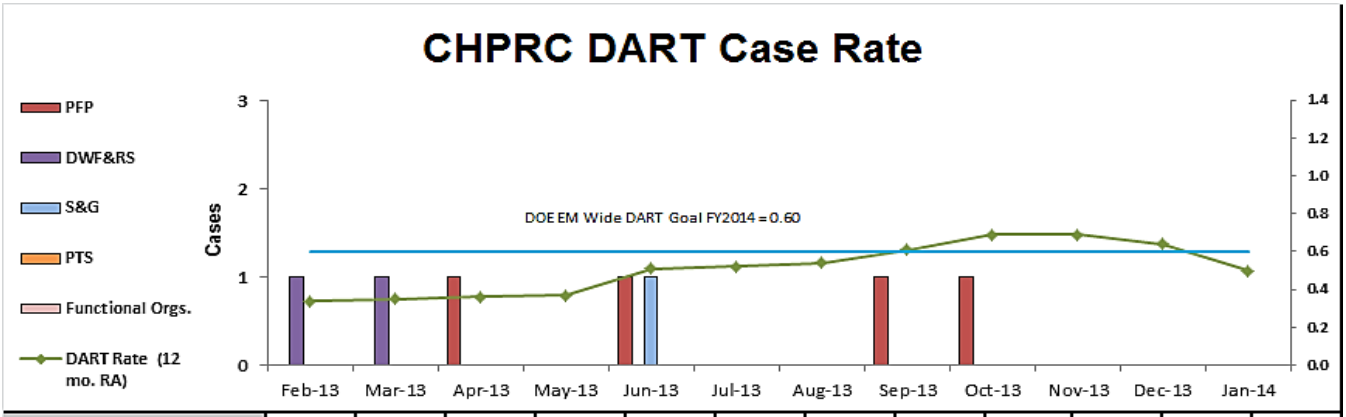
TARGET ZERO PERFORMANCE
January 2014

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



	Feb-13	Mar-13	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Sep-13	Oct-13	Nov-13	Dec-13	Jan-14
PFP	0	0	1	1	0	0	0	1	2	0	0	1
DWF&RS	2	2	0	0	2	0	0	0	0	0	0	0
S&G	0	0	0	0	1	0	0	0	0	0	0	0
PTS	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**	**2**	**1**	**1**	**3**	**0**	**0**	**1**	**2**	**0**	**0**	**1**
TRC Rate (12 mo. RA)	**0.80**	**0.81**	**0.84**	**0.80**	**1.02**	**0.98**	**0.94**	**1.02**	**1.11**	**1.11**	**1.06**	**0.93**

Total Recordable Injury Case (TRC) Rate – The 12 month rolling average TRC rate of 0.93 is based on a total of 13 recordable injuries (6 recordable and 7 DART cases). There was one Recordable case in January 2014. There are two cases being evaluated/investigated.

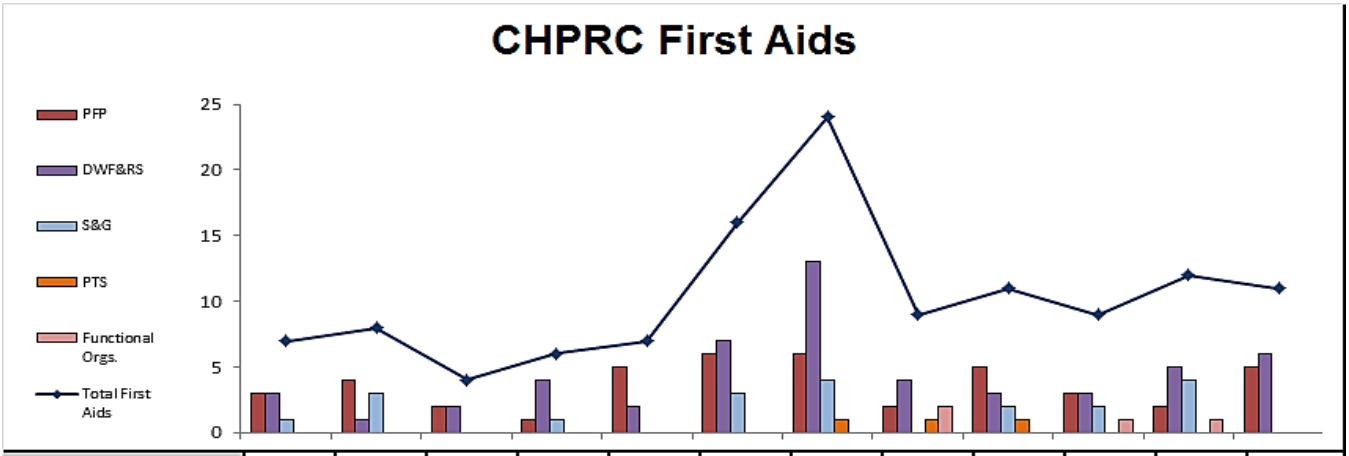


	Feb-13	Mar-13	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Sep-13	Oct-13	Nov-13	Dec-13	Jan-14
PFP	0	0	1	0	1	0	0	1	1	0	0	0
DWF&RS	1	1	0	0	0	0	0	0	0	0	0	0
S&G	0	0	0	0	1	0	0	0	0	0	0	0
PTS	0	0	0	0	0	0	0	0	0	0	0	0
Functional Orgs.	0	0	0	0	0	0	0	0	0	0	0	0
DART Cases	**1**	**1**	**1**	**0**	**2**	**0**	**0**	**1**	**1**	**0**	**0**	**0**
DART Rate (12 mo. RA)	**0.34**	**0.35**	**0.36**	**0.37**	**0.51**	**0.52**	**0.54**	**0.61**	**0.69**	**0.69**	**0.64**	**0.50**

Days Away, Restricted or Transferred (DART) Workdays Case Rate – The 12 month rolling average DART rate of 0.50 is based upon a total of 7 Days Away cases. There were no DART cases in January 2014.

Actions to address Recordable & DART injuries include: Developed briefing materials for supervisors to help them better understand and manage occupational injuries and illnesses; safety communication campaign emphasizing injury precursors and reduction techniques for common injury types; working closely with site medical provider to provide ergonomic review and recommendations to prevent strains and soft tissue injuries.

NOTE: The DOE-EM TRC rate goal is unchanged (1.1) and the DOE-EM DART rate goal is also unchanged (0.6) for FY2014.
* 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.



	Feb-13	Mar-13	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Sep-13	Oct-13	Nov-13	Dec-13	Jan-14
PFP	3	4	2	1	5	6	6	2	5	3	2	5
DWF&RS	3	1	2	4	2	7	13	4	3	3	5	6
S&G	1	3	0	1	0	3	4	0	2	2	4	0
PTS	0	0	0	0	0	0	1	1	1	0	0	0
Functional Orgs.	0	0	0	0	0	0	0	2	0	1	1	0
Total First Aids	**7**	**8**	**4**	**6**	**7**	**16**	**24**	**9**	**11**	**9**	**12**	**11**

First Aid Case Summary – CHPRC reported 11 first-aid cases in January 2014. The contributors were seven sprains/strains/pains and four abrasions/contusions.

KEY ACCOMPLISHMENTS

Projects

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

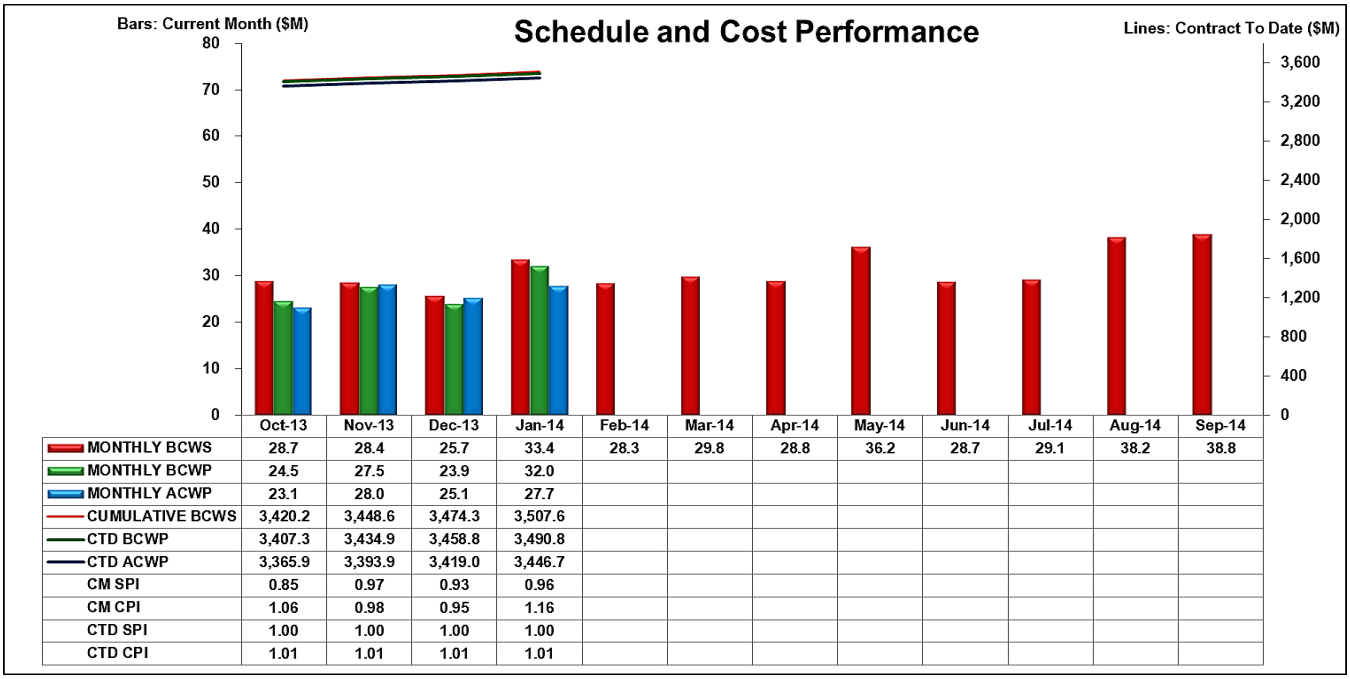
Project Services and Support

- 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.

EARNED VALUE MANAGEMENT



	Oct-13	Nov-13	Dec-13	Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Sep-14
MONTHLY BCWS	28.7	28.4	25.7	33.4	28.3	29.8	28.8	36.2	28.7	29.1	38.2	38.8
MONTHLY BCWP	24.5	27.5	23.9	32.0								
MONTHLY ACWP	23.1	28.0	25.1	27.7								
CUMULATIVE BCWS	3,420.2	3,448.6	3,474.3	3,507.6								
CTD BCWP	3,407.3	3,434.9	3,458.8	3,490.8								
CTD ACWP	3,365.9	3,393.9	3,419.0	3,446.7								
CM SPI	0.85	0.97	0.93	0.96								
CM CPI	1.06	0.98	0.95	1.16								
CTD SPI	1.00	1.00	1.00	1.00								
CTD CPI	1.01	1.01	1.01	1.01								

	$M Current Period					$M Contract to Date					$M 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	10.0	8.7	7.8	(1.3)	0.9	655.5	640.8	671.6	(14.7)	(30.7)	932.5	957.2	(24.7)
RL-0012 - SNF Stabilization & Disposition	4.9	5.3	5.5	0.4	(0.2)	399.8	399.9	408.7	0.0	(8.8)	690.6	708.9	(18.4)
RL-0013 - Solid Waste Stab & Disposition	7.3	7.4	5.5	0.1	1.9	816.3	816.5	794.8	0.1	21.7	1,325.4	1,256.3	69.1
RL-0030 - Soil & Water Rem-Grndwtr/Vadose	8.9	8.8	7.8	(0.1)	1.0	935.2	933.4	927.0	(1.7)	6.4	1,489.5	1,478.3	11.2
RL-0040 - Nuc Fac D&D - Remainder	1.4	0.9	0.7	(0.4)	0.2	380.0	379.4	349.8	(0.5)	29.6	482.7	450.9	31.8
RL-0041 - Nuc Fac D&D - RC Closure Project	0.7	0.7	0.1	0.0	0.5	304.0	304.0	280.5	0.0	23.5	390.5	366.4	24.0
RL-0042 - Nuc Fac D&D - FFTF Project	0.2	0.2	0.2	(0.0)	(0.0)	16.8	16.7	14.3	(0.0)	2.4	26.5	24.1	2.3
(Numbers are rounded to the nearest $0.1M) Total	33.4	32.0	27.7	(1.3)	4.3	3,507.6	3,490.8	3,446.7	(16.8)	44.1	5,337.7	5,242.3	95.4

Performance Summary

CHPRC continues to track completion of contract scope within budget and is currently projecting a Variance at Completion of $95.4M with $74.5M of Management Reserve for a total positive variance of $169.9M. For January, the project was ~4.0 percent behind schedule and ~13.6 percent under planned cost. Schedule performance in January was primarily due to:

- RL-0011 – Re-sequencing work in the 242-Z Americium Facility, to align with the availability of D&D workers from another Hanford Contractor (Washington Closure Hanford) delaying preparations and initial entry activities in support of 242-Z. In addition the 234-5Z duct level work has been re-planned to align with an area vs. system approach and a change in the PFP demolition sequence changing the need for work in the duct level to start later in the Fiscal Year. Apportioned activities in the D&D Project Support account that align with the delays in discrete D&D work scope, primarily balance of 234-5Z work scope, and unforeseen issues with the removal, size reduction and waste packaging of PRF pencil tanks wherein the team encountered a larger amount

of material than expected when size reducing Pencil Tank 38-Failed, are also contributing to this variance.

Cost performance in January was primarily attributed to:

- RL-0011 – Associated with recognized efficiencies (i.e., lower than anticipated NDA values in the 234-5Z duct level) allowing for a larger amount of piping and ducting to be left in place for demolition, initiation of the D&D back-out plan and initiation of cold and dark activities resulting in less required system engineering support for maintenance of vital safety systems reducing required preventive maintenance activities. This is partially offset by impacts from a management safety pause to address compliance issues that have occurred in the past four months, increased labor to support DSA modifications (assumed one and working on three), and unplanned work associated with size reduction on Pencil Tank 38-Failed in PRF.
- RL-0013 – Due to the implementation of planned efficiencies coupled with labor utilization rates below plan.
- RL-0030 – Efficiencies in planned Level of Effort (LOE) activities allowed several resources to provide direct support to projects; lower than expected costs for Geophysical logging resulted from the small number of wells drilled during the first four months of FY2014.

FUNDING ANALYSIS
FY2014 Funds vs. Fiscal Year Spend Forecast ($M)

		FY2014		
PBS	Project	Projected Funding	Spending Forecast	Variance
RL-0011	Nuclear Materials Stabilization and Disposition	107.2	103.7	3.5
RL-0012	Spent Nuclear Fuel Stabilization and Disposition	72.3	70.7	1.5
RL-0013	Waste and Fuels Management Project	83.8	83.2	0.6
RL-0030	Soil, Groundwater and Vadose Zone Remediation	121.6	119.7	1.9
RL-0040	Nuclear Facility D&D, Remainder of Hanford	13.2	12.8	0.4
RL-0041	Nuclear Facility D&D, River Corridor	10.1	9.1	1.0
RL-0042	Fast Flux Test Facility Closure	2.3	1.7	0.6
	Total Base:	**410.5**	**401.0**	**9.5**

Funds/Variance Analysis:

FY2014 Projected Funding was revised in January from $374.5M to $410.5M per revised FY2014 work authorization received from DOE-RL on January 30, 2014, which provided an additional $36M from the previous guidance.

BASELINE CHANGE REQUESTS

In January 2014, CHPRC approved and implemented five (5) BCRs. The change requests are identified in the table below:

Change Request #	Title	Summary of Change
Implemented into the Earned Value Management System for January 2014		
BCR-030-14-003R0	*Incorporate 200-PW-1 RCR Comments*	This BCR moves scope to excess two 200-PW-1 Soil Vapor Extraction (SVE) units from FY2015 into FY2014 as requested in RCR comments received from RL pertaining to the FY2014 PMB Update. This change decreased the PMB by $0.1K.
BCR-013-14-006R0	*WRAP Facility Dormant, ETF Heat Exchanger Procurement Prep & ERDF Transition Milestone*	This BCR defers the remaining scope associated with procurement of PBS RL-0013 ETF Heat Exchanger from FY2014 to FY2015, and moves the ERDF Transition Milestone to align with the scope it represents. This change increased the PMB by $0.1K.
BCR-030-14-002R0	*Incorporate CO #246 NTE for 200-UP-1 Technical Feasibility Eval for Implementation of Uranium Treatment at 200-West P&T*	This BCR adds scope to PBS RL-0030 as required by Contract Modification (Mod.) 303, Change Order (CO) 246 for the 200-UP-1 Technical Feasibility Evaluation for the Implementation of Uranium Treatment at the 200-West Pump & Treat, and the associated NTE value of $300K. This change increased the PMB by $365K.
BCRA-030-14-004R0	*100-BC-5 Lab Analysis Cost Segregation*	This BCR replans existing 100-BC-5 laboratory and sample collection budget into new, discrete WBS elements in order to segregate the routine sampling and analytical support for 100-BC-5. This BCR did not change the value of the PMB.
BCR-013-14-007R0	*Part B Permit Phase 2 STG Support/CO239 NTE*	This BCR adds scope to PBS RL-0013 as required by Mod 307, CO 239; Complete the Phase II Solid Waste Operations Complex (SWOC) Permit Modifications, and the associated NTE of $253K. This change increased the PMB by $308K.

Management Reserve Activity

BCR Number	Title	Fiscal Year	MR
N/A	*N/A*	2014 - 2018	$0

Fee Activity

BCR Number	Title	Fiscal Year	Fee
N/A	*N/A*	2014 - 2018	$0

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. The PMB values of change requests are summarized by fiscal year in the tables below (dollars in thousands):

January 2014 Summary of Changes

	FYs 2009-2013	FY2014	FY2015	FY2016	FY2017	FY2018	FYs 2014-2018	Contract Period Total	Total PMB
December 2013 Estimate									
PMB	3,391,477	373,348	425,358	418,722	358,631	369,454	1,945,514	5,336,991	5,336,991
MR	0	5,000	7,527	25,295	23,666	13,035	74,523	74,523	74,523
Fee	155,504	13,965	13,100	19,800	8,800	16,600	72,265	227,769	227,769
Total	***3,546,981***	***392,313***	***445,985***	***463,817***	***391,097***	***399,089***	***2,092,302***	***5,639,282***	***5,639,282***
January 2014 Change									
PMB									
Change to PMB	***0***	***672***	***1***		***0***	***0***	***672***	***672***	***672***
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***	***672***	***1***	***0***	***0***	***0***	***672***	***672***	***672***
January 2014 Estimate									
PMB	3,391,477	374,020	425,359	418,722	358,631	369,454	1,946,186	5,337,663	5,337,663
MR	0	5,000	7,527	25,295	23,666	13,035	74,523	74,523	74,523
Fee	155,504	13,965	13,100	19,800	8,800	16,600	72,265	227,769	227,769
Total	***3,546,981***	***392,985***	***445,986***	***463,817***	***391,097***	***399,089***	***2,092,974***	***5,639,955***	***5,639,955***

Changes to/Utilization of Management Reserve in January 2014

	FY2009-2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2014-2018	Total
December 2013 MR Totals								
RL-0011	0	1,800	3,000	8,000	8,000	0	20,800	20,800
RL-0012	0	1,300	2,000	6,000	5,000	0	14,300	14,300
RL-0013	0	500	500	2,000	2,066	3,500	8,566	8,566
RL-0030	0	750	1,277	3,660	2,700	4,400	12,787	12,787
RL-0040	0	300	400	2,135	1,800	2,256	6,891	6,891
RL-0041	0	300	300	3,450	4,000	2,779	10,829	10,829
RL-0042	0	50	50	50	100	100	350	350
Total	***0***	***5,000***	***7,527***	***25,295***	***23,666***	***13,035***	***74,523***	***74,523***
January 2014 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***
January 2014 MR Totals								
RL-0011	0	1,800	3,000	8,000	8,000	20,800	20,800	20,800
RL-0012	0	1,300	2,000	6,000	5,000	14,300	14,300	14,300
RL-0013	0	500	500	2,000	2,066	5,066	8,566	8,566
RL-0030	0	750	1,277	3,660	2,700	8,387	12,787	12,787
RL-0040	0	300	400	2,135	1,800	4,635	6,891	6,891
RL-0041	0	300	300	3,450	4,000	8,050	10,829	10,829
RL-0042	0	50	50	50	100	250	350	350
Total	***0***	***5,000***	***7,527***	***25,295***	***23,666***	***61,488***	***74,523***	***74,523***

SELF-PERFORMED WORK

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

Contract-to-Date Actual Awards & Mods 10/1/2008 -1/31/2014				Projection to FY2018	
				Planned Subcontracting:	$2,406,850,560
				Contract-to-date awards:	$2,075,029,424
Reporting Category				Bal remaining to award:	$331,821,136
	$ Value	%	Goal %	Goal award$	Bal to Goal
SB	$1,024,177,656	49.36%	49.3%	$1,186,577,326	$162,399,670
SDB	$178,177,231	8.59%	8.2%	$197,361,746	$19,184,515
SWOB	$199,355,208	9.61%	7.5%	$180,513,792	($18,841,416)
HUB	$36,017,939	1.74%	2.2%	$52,950,712	$16,932,773
VOSB	$119,683,519	5.77%	3.5%	$84,239,770	($35,443,749)
SDVO	$56,413,379	2.72%	1.3%	$31,289,057	($25,124,322)
NAB	$24,308,127	1.17%	N/A		
Large	$562,165,229	27.09%	N/A	PRC clause H.20 small business requirement	
GOVT	$2,128,788	0.10%	N/A	≥ 17% of total Contract Price performed by SB.	
GOVT CONT	$482,866,522	23.27%	N/A		
EDUCATION	$90,268	0.00%	N/A	Total Contract (mod 314):	$5,693,931,760
NONPROFIT_	$3,393,642	0.16%	N/A	17% rqmt:	$967,968,399
FOREIGN	$207,318	0.01%	N/A	SB actual:	$1,024,177,656
Total	**$2,075,029,424**	**100.00%**	**N/A**	**Bal to rqmt**	**($56,209,257)**

Notes:

1. Since the CHPRC contract award in October 2008, CHPRC has subcontracted over $2.07B in goods and services with over 49.3 percent going to small businesses. Nearly all subcontracting goals have been exceeded.
2. Approximately 93 percent of the total dollars arise from service and staffing contracts and contract amendments with five percent of the remaining expenditures arising from P-Card purchases and the balance in purchase orders for materials and equipment.
3. 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. M. Swartz
Vice President for
PFP Closure Project

January 2014
CHPRC-2014-01, 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	-	198 gloveboxes/hoods
KPP Rooms/Areas Ready for Demo	-	60 rooms/areas
Asbestos/ACM Removed	- ft.	17,491 feet
Process Vacuum Piping Dispositioned	-	2,545 feet
Process Transfer Line Dispositioned	- ft.	1,153 feet
Pencil Tank Units Removed	5	120 pencil tank units
Buildings Ready for Demo	-	32 structures
Buildings Demolished or Removed	-	32 structures
Non-radioactive Waste Shipped	-m^3	41 m^3
TRU/TRU-M Shipped	10 m^3	1,302 m^3
LLW/MLLW Shipped	31 m^3	4,400 m^3

- Removal of plutonium-contaminated process equipment continued, with a particular focus on removing gloveboxes, associated piping, and ductwork. The total gloveboxes removed to date is now at 85 percent complete.
- Performed monthly and annual 236-Z PRF canyon crane preventative maintenance.
- Dispositioned PRF Pencil Tank 127.
- Removed five Pencil Tank units by size-reduction and seal-outs of PRF Pencil Tank 38-Failed.
- Initiated size-reduction of PRF Pencil Tank 16. Continued work on the Miscellaneous Treatment Gloveboxes in PRF removing interferences, performing hood sweeps, and removing uni-strut/pipe supports.
- Continued work on the PRF column gloveboxes, installing glove bags, size reducing pipe chase from the criticality drain, and installing glovebags in Room 42.
- Completed electrical investigation in A-Labs for electrical intrusions.
- Completed re-route of 234-5Z roof drain to eliminate water leakage in the 242-Z Americium Facility in preparation for entries in March, 2014.

EMS Objectives and Target Status

Objective #	Objective	Targets	Actions to Achieve Targets	Due Date	Status
14-EMS-PFP-OB2-T1	Establish/verify NESHAP compliance under CERCLA for a major emissions unit	Provide basis for minimum requirements based on lesson learned from the Federal Government shutdown and NESHAP compliance matrix for 291-Z-1 stack under CERCLA	Obtain current DOH inspection check list and determine applicability to 291-Z-1	12/31/13	Completed 12/19/13
			Combine applicable parts of past air license compliance matrix and internal NESHAP inspection checklist	3/31/14	10% complete - on schedule
			Develop a basis for minimum required maintenance activities for 291-Z-1 and incorporate into document from action #2.	6/30/14	On schedule
			Obtain concurrence from Central EP&SP	9/30/14	On schedule
14-EMS-PFP-OB1-T1	Demonstrate compliance with all asbestos requirements that are pertinent to PFP	Establish a defensible and conservative asbestos compliance program at PFP that will stand up to the scrutiny of federal, state and local regulators	Review & comment on development of the new CHPRC level asbestos Regulatory Analysis Memorandum (CERCLA based).	12/12/13	Completed 12/12/13
			Review & comment on the modification of an existing asbestos characterization plan Desk Instruction (DI)	1/31/14	Field Work Completed 1/31/14
			ECO asbestos requirements education and training.	7/31/14	On schedule

TARGET ZERO PERFORMANCE

	Current Month	Rolling 12 Month	Comment
Days Away, Restricted or Transferred	0	3	
Total Recordable Injuries	1	6	• 1/29/2014 – Employee was struck on the head when the hydraulic piston failed on a job box, causing a laceration requiring stiches. (23299)
First Aid Cases	5	44	• 1/7/2014 – Employee diagnosed with right wrist strain/sprain from glovebox work. (23278) • 1/9/2014 – Employee slipped on ice exiting vehicle striking left knee. (23282) • 1/21/2014 – Employee strained right knee while moving supply cart. (23290) • 1/21/2014 – Employee over extended upper back while placing laundry bag on cart. (23291) • 1/29/2014 – Employee and partner lifted electrical wire reel which resulted in sprain/strain of left shoulder and upper arm. (232980)
Near Misses	0	0	N/A

KEY ACCOMPLISHMENTS

11.02 Maintain Safe & Compliant PFP

- Continued engineering review of Confinement Ventilation System (CVS) flow test results and subsequent report.
- Completed transition and shutdown of 236-Z Air Sample Vacuum (ASV) System.
- Completed the first monthly EF-2 thru EF-9 exhaust fan vibration spectral analysis using the new procedure from the Enhanced Maintenance Plan (EMP) revision.

11.05 Disposition PFP Facility

242-Z

- Completed electrical investigation in A-Labs for electrical intrusions.
- Completed reroute of 234-5Z roof drain to eliminate water leakage in the 242-Z Americium Facility in preparation for entries in March, 2014.

RMA

- For the HA-9A glovebox (GB) in Room 235-A3:
  - Removed, size-reduced, and sealed out GB middle level HEPA exhaust filters.
  - Performed final removals and seal outs in 2nd level of GB.
- Completed removal and size reduction of remnant E-4 ducting in Rooms 235A-2 and 235A-3
- Completed removal of process piping in Rooms 235A-1 and 235A-2.

RMC

- For the HC-17SBB, -17P, -17DC/HC-1G glovebox assembly in Room 228-C:
  - Completed removal of E-4 piping on HC-17SBB GB.
- For the HC-9B GB in Room 228-A:
  - Completed down-sizing of Glovebox mezzanine-structure to allow proper access for Glovebox internal equipment stripout.
  - Completed removal of HC-7C GB mezzanine to provide accessibility for future piping isolations.
  - Initiated strip-out of HC-9B internal equipment.
  - Completed first drain attempt for HC-7C dilute nitric acid line.

Backside Rooms

- Room 169 HA-40F GB D&D effort:
  - Removed Room 169/170 door, wallboard/plaster, and began relocation of door frame.
  - Completed disassembly and size reduction of F-1 and F-2 Calciner Furnaces. Removed components to the north side of the GB to allow continuance of the removal of the rotator tube and auger shaft assembly.

Plutonium Reclamation Facility (PRF)

- Pencil Tank Size-Reduction
  - Dispositioned Pencil Tank 127.
  - Removed five Pencil Tank units by size-reduction and seal-outs of Pencil Tank 38-Failed.
  - Initiated size-reduction of Pencil Tank 16.
- Gallery Glovebox Isolation
  - Completed change-out of all 42 gloves on First Floor West Gallery Glovebox.
- Miscellaneous Treatment Glovebox Isolation
  - Removed non-structural interferences in Miscellaneous Treatment Glovebox MT-4 lower section and MT-3. Swept upper section of MT-4 and MT-3 south side. Performed hood sweeps in MT-3 south side. Removed struts/channels in MT-4. Packaged waste in MT-4 and MT-6. Vacuumed MT-1 and South section of Conveyor. Removed CAW line. Removed, size-reduced, and packaged 40 ft. of uni-strut/pipe support from MT-5. Completed MT Glovebox glove/bag reactivation.
- Column Glovebox Mechanical isolation
  - Installed glove bag on column glovebox criticality drain pipe chase. Removed and size-reduced section of 3-inch pipe chase from criticality drain. Installed glove bags on 2-inch pipe chase in Room 42. Removed and size-reduced 10 foot section of 2-inch pipe chase. Completed column cutting rail design. Completed design of column cutting mock-up and mock-up task template. Removed caps of internal piping in column hood on Fourth Floor.

MAJOR ISSUES

Issue – Options for safe disposition of gloveboxes include foaming. When polyurethane foams react, the result is in an exothermic reaction that could cause a self-ignition. To understand the potential impacts of fire concerns, two densities of fire retardant foam were evaluated (2lb; 6lb) at Southwest Research Institute (SWRI). The Hughes Associates Inc. (HAI) report recommended that a single large volume pour test be performed to fully understand the potential for self-ignition events. CHPRC/PFP has determined that this test is not necessary.

The following, not related directly to the exothermic reaction, are general fire concerns:

1. The foam products tested represent a significant fire hazard. Even with the fire retardants added, the foam will be consumed in a fire event. The HAI report recommended that foamed gloveboxes be protected from exposure fire with non-combustible materials.
2. In addition to the fire hazard, the foam products produce a significant quantity of soot when burned. Will need to re-evaluate the soot loading calculations and incorporate information into the FHA and DSA. This calculation derives the required number of on-line HEPA filter rooms.
3. As a result of the HAI report, RL is recommending that other, non-combustible products be evaluated.

Corrective Action – PFP will evaluate HAI recommendations and will also ensure to follow the manufacturer's procedures to safely deploy foam in lifts that are ≤18" in rise and allow subsequent cure times between lifts. PFP will also monitor the exothermic reactions during the second mockup demonstration conducted at ERDF. Alternatives analysis will be based on the results and conclusions of the Hazards Analysis. PFP will also evaluate additional alternate foaming agents to reduce the concerns with off gases and exothermic reaction that could cause a self-ignition.

Status – During the month of January, the Initiative to implement capabilities to foam components within 234-5Z, 242-Z, and 236-Z progressed.

- Continued revision to the Fire Hazard Analysis
- Identified two additional alternate foam products with improved combustibility properties for evaluation
- Continued drafting evaluation of foam alternatives report
- Completed qualitative evaluation of alternate foam products

Issue – During a Value Engineering (VE) study that was conducted in the spring of 2013, an initiative began to procure breathing air compressors and Level B encapsulating suits with PremAire respirators to support intrusive entries when working in the 242-Z Americium Facility.

Corrective Action – Procurement of PremAire respirators actively being pursued to support timely completion of the PFP Facility to Slab on Grade by September 30, 2016.

Compressor Status – Contract for Breathing Air Delivery System was awarded on December 5, 2013. System will be delivered within 90 days of contract award. Engineering design work for the compressor connection to the end point user connections in 242-ZA is in progress.

Training Status – PFP Special Projects and the 242-Z D&D Manager are working with HAMMER Training on the PremAire Respirator Training and performing the donning and doffing OJE/OJET.

Issue – The existing DSA does not address physical demolition of PFP facilities or leaving high hold-up items in-place for targeted excision during the demolition phase.

Corrective Action – Assemble a team of nuclear safety professionals to develop step out conditions and criteria for the existing facility safety systems. Effort will culminate in a revision to the PFP DSA for the final deactivation and demolition phases of the mission.

Status – Team is being assembled and has begun evaluating material form and distribution aspects of accident scenarios, as necessary for developing more accurate and reasonable accident consequences.

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-0011/WBS 011				
Overarching PFP Risks				
PFP-009: Aging Building Systems/Components Problems Impact Planned D&D Activities	Included life extension upgrades as part of FY-14 Annual Baseline Update and include HEPA filter replacement, replacement of air compressors, and electrical switchgear upgrades. Perform critical system reliability assessments; maintenance practices; procure critical spares, and maintain existing redundancies.	Yellow	No Change	Teams continued to work EMP Rev.1 actions to complete by March of 2014. Maintenance activities will continue to be performed to keep the facility in a safe and compliant configuration until such time as the MAR has been removed and the DSA back-out plan has been implemented.
PFP-062: Ability to Use PermaFix Northwest for Glovebox Size Reduction	In the event of PermaFix Northwest closing PFP is continuing to evaluate the appropriate team sizes to perform size reduction efforts. In addition PFP will continue to work with CWC for long term storage capabilities.	Green	No Change	In the event size reduction capabilities at PFP will need to be established or more waste will be shipped to CWC for long term storage.
PFP-080 – Unforeseen Chemical Hazards	CHPRC completed investigations and identified potential lines that contain chemical hazards. CHPRC believes this to be an imminent safety hazard and, as such, has and continues to take actions to mitigate the immediate hazard. Continue to collect data and take photographs to document actions and conditions.	Yellow	Increased Confidence	Notice of Change letter transmitted to DOE on February 13, 2013. Investigation completed in the month of March, 2013. The path forward, based on investigation results, has been integrated into the field schedule to mitigate hazards to workers. Issues Change Order 240, Mitigation of Chemical Lines at PFP was received by CHPRC on October 7, 2013 with a limitation not to exceed $500K prior to the definitization of the change. A formal change proposal has been developed, formally submitted to RL and discussions are ongoing with RL on the definitization of the change.
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 down-time.	Yellow	Increased Confidence	Negotiations were successful to extend respiratory protection time with the ratification of the Collective Bargaining Agreement effective November 11, 2013. The PFP project has implemented extended dives since implementation of the agreement, and longer stay times in the field are being realized. Continue to implement Breakthrough Initiative #1, Tool Time actions. A recent VE study for PFP was held and planning continues with a special project team to implement actions to accomplish the new vision for the D&D path forward.

Risk Title	Risk Strategy/Handling	Assessment		Comments
		Month	Trend	
RL-0011/WBS 011				
PFP-083: System Back-Out Plan Implementation Extends Schedule	Identify Back-out Plan implementation activities, durations, logic ties, and resources; and integrate these activities in the project execution schedule. Work activities may be re-sequenced to minimize impacts to the critical path schedule. Where needed, utilize subcontractors with credibility and experience for analysis and document preparation support. Work closely with DOE-RL and Regulators to identify review points to streamline approval process and reduce approval turnaround durations.			The project placed the back-out planning efforts on hold until multiple DSA changes are fully assessed. Once identified, back-out plan and logical sequence flowchart will be updated to reflect current approach and methodology for demolition preparation and end-point determination.
PFP-089: OPP: 4X10 Shift Schedule	Extending the work day to 10 hours and strict adherence to allotted ARA entry times, allows for two 3.5 hour ARA entries per day on powered air purifying hood respirators (PAPR) and two 2.5 hour and a third 1.5 hour ARA entries per day wearing a tight fitting face piece respirator. 80% of facility ARA work is performed on PAPR respiratory protection equipment. Fully implemented, this tactic provides 4 additional hours of ARA work each day while wearing PAPRs. Extrapolated over a two week period, this opportunity represents 29 additional ARA hours in PAPR over the baseline. Similarly, this opportunity represents 25 additional ARA work hours every two weeks over the baseline.			On February 3, 2014, PFP will implement the 4X10 shift schedule and efficiencies will be tracked and monitored via current reporting tools.
PFP-086: Alternate/Temporary System Capabilities Required Prior to Building Demolition	Alternate temporary facility system services and functions beyond those currently planned may be required to support building demolition. Identify MAR that may remain and identify CHPRC and DOE decision points to deactivate ventilation and fire systems. Evaluate air flow and required air changes to minimize contamination spread and establish air flow utilizing existing ducting to the extent practical with air movers and HEPA filtration through existing stack and monitoring.			Alternate temporary facility system services and functions needed during demolition preparation are being identified. Activities to identify MAR to remain and decision points to deactivate ventilation and fire systems are being identified. Activities are being identified to evaluate air flow and required air changes to minimize contamination spread and establish air flow utilizing existing ducting to the extent practical with air movers and HEPA filtration through existing stack and monitoring.
PFP-091: Approval of DSA Revisions	A team of professionals is being assembled to develop the DSA revision to support open air demolition of a Haz Cat II PFP. This effort will be managed as an independent project from PFP daily activities. A partnering approach will be established with RL SMEs and management to expedite the effort and flush out concerns or obstacles early on. This risk is a bounding assumption associated with completion of PFP to Slab-On-Grade.			Team lead and one Nuclear Safety professional are in place and efforts have been initiated. Additional support staff has been identified and contracting processes initiated to obtain supplemental personnel to support this effort.

Risk Title	Risk Strategy/Handling	Assessment		Comments
		Month	Trend	
RL-0011/WBS 011				
242-Z Risks				
PFP-242-04: Dose Rates in 242-Z are Higher Than Planned	Characterization is built into the baseline to perform characterization including dose rate maps. The characterization plan will be utilized in work planning efforts to place temporary shielding around higher dose rate components. The work team is trained to stop work when conditions exceed planning information. This will prevent overexposure and prolonged work stoppages. However, if work is stopped, an alternate plan will need to be developed. Minimal mitigation is available for unknown/newly discovered higher than planned dose rates.			Contingent teams are being deployed for work package development and field work prep activities to enable a smooth transition when field work is schedule to start.
PFP-242-05: RM 134 Modifications for size reduction & load out from 242-Z are not authorized	Develop the air-flow, fire protection, and structural requirements during the planning stage to allow for the wall between 242-Z and 234-5Z to be removed. Execute the demolition in accordance with the plan. Identify response team to respond to discoveries proactively to maintain progress.			Working with field teams to develop more efficient and less intrusive waste load out capabilities.
PFP-242-06: More RH-TRU than Planned from 242-Z	Utilize results from radiological and analytical characterization to develop size reduction plans. Work with the waste packaging and characterization group to understand requirements for RH-TRU waste and packaging techniques to minimize RH-TRU waste.			Contingent teams are being deployed for work package development and field work prep activities to enable a smooth transition when field work is schedule to start.
291-Z Risks				
PFP-291-01: 291-Z Characterization Unknowns	Develop characterization plans and objectives. Review historical documentation of facility construction and accident event reports. Incorporate characterization information into facility work plans and execution documents.			Opportunities are being evaluated to characterize early during maintenance activities which cause fans to be terminated. The plan of the week/day will be the communication tool to determine when early characterization can be conducted.
Balance of Plant Decontamination/Decommissioning Risks				
PFP-BOP-01: More Extensive Cleanout/Decon Required	Develop and implement a more detailed process facility characterization plan. 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. Identify approvals required and quantitates/materials that may be exempted from removal (i.e. floor tiles, transite, electrical, etc.).			Teams continue to characterize HVAC and remove filters/filter boxes in the month of January
PFP-BOP-02: Overall D4 Schedule Impacts From Interferences Between Sub-projects	The facility has developed an integrated priority list for all in-plant activities for resource assignment in accordance with priority. PFP has developed team communication meetings to prioritize resources on a daily basis. External facility resources are prioritized through MSA between PRC subprojects. These techniques ensure the resources are assigned to the highest priority work. Identify new D&D filed teams to conduct Walkdowns and Workpackage development to improve interfaces within subprojects.			Evaluation of additional field teams to start work in the duct level continued through the month of January. To mitigate schedule slippage characterization efforts are under way for E4 ducting/Filterboxes to determine waste disposition paths. In addition field team sizes will continue to be evaluated to ensure resources are available when needed to support the duct level work efforts.

Risk Title	Risk Strategy/Handling	Assessment		Comments
		Month	Trend	
RL-0011/WBS 011				
PFP Demolition Risks				
PFP-DEMO-02: Air Modeling Increases Equipment Removal/Decontamination for Demo	Work with the CHPRC environmental to ensure that an understanding of equipment, components, and residual material criterion are understood and bounded for air modeling. Once the residual material/contamination is quantified, work with regulators to identify controls to allow for equipment removal and demolition as planned. Develop and implement plans to document criterion are met.			The current air modeling plan is based on assumptions of what the facility conditions may be at the time before demolition. Characterization activities that are and will be performed will provide actual data that will be used in the model. Based on the model results, the project will make adjustments to its demolition approach. Field characterization survey plans are currently under development. A characterization survey plan has been developed for PFP ventilation, and field characterization of E4 ducting is under way. As resources allow, more characterization unit survey plans will be developed and added to work packages.
PFP-DEMO-08: Experienced Demolition Crews	Initiate demo planning early to establish contracting mechanisms at least one year prior to the need to begin demolition activities in order to have contracts in place to meet schedule. Complete more detailed facility characterization to support needed contract statement of work.			Currently discussions are being held with WCH to identify when D&D workers will be available to perform D&D of 9 ancillary facilities in the spring of 2014 and also support D&D of the 242-Z facility. CHPRC is evaluating follow-on scope to keep the D&D work force on staff to ensure that the PFP will be able to be demolished as scheduled by September, 2016 Currently D&D workers are projected to be available to support the PFP Project in March, 2014.
PFP-DEMO-18: ORR Required for PFP D4	The readiness activities schedule in the baseline is appropriate for the risk and complexity of the PFP & PRF demolition. Ongoing discussions will be conducted with DOE and DNFSB as required within the quarterly startup notification process. Additional resources may be added for preparation and review teams.			PFP efforts to upgrade the DSA to establish requisite conditions for the deactivation of vital safety systems, evaluate the unique hazards associated with the demolition phase of the project, and establish the commensurate control set for the remaining mission will validate the appropriateness of a readiness assessment versus Operational Readiness Review (ORR).
PRF Cleanout/Decontamination Risks				
PFP-PRF-01: PRF Canyon Cleanout Scope Increases	Characterization data will be collected as early as feasible to allow early identification of any issues associated with the planned approach. Failure to achieve end-point criteria to support open air demolition is a basis for Change Request to DOE.			The Characterization strategy is currently under development and meetings were held with project managers to prioritize the approach. 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-PRF-02: PRF Canyon Crane Reliability Issues Result in Cost/Schedule Growth	Perform necessary preventative maintenance actions associated with canyon crane and ensure appropriate spares are on site to minimize schedule impacts in the event of equipment failure. Minimize the use of the crane to the extent practical. Obtain independent assessments of the crane. In the event of a crane failure, attempt to utilize work force on other projects to minimize down-time for work force.			The PRF canyon crane is in service and pencil tank size reduction activities are on-going.

Risk Title	Risk Strategy/Handling	Assessment		Comments
		Month	Trend	
RL-0011/WBS 011				
PFP-PRF-21: OPP: 236-Z Floor/Pan Grouting	Following pencil tank removal, the PRF canyon floor will be vacuumed and wiped down. After completing that activity, the floor will be grouted to cover the pans and create a level working surface. From the grouted floor, residual canyon cleanout and wall decontamination will be performed. Upon completion of canyon cleanout, another grout cap will be placed to secure any residual contamination remaining on the floor prior to demolition. This approach eliminates the effort to remove the stainless steel pans from the slab (a process that would damage the slab according to engineering analysis), reduces contamination levels on the floor, correspondingly improving efficiency of manned entries for other canyon decontamination and cleanout efforts, and stabilizes floor contamination from a criticality and contaminant dispersion perspective.			A grouting concept will need to be developed and a grout specification will need to be prepared. This activity will require a revised CSER calculation and DSA USQ evaluation. A Plant Force Work Review (PFWR) will be processed. A grouting Contract SOW, RFP, Bid Evaluation, and award will be issued. Grout procurement and grout conveyance equipment RFPs, Bid Evaluations, and awards will be issued. A grout testing contract SOW, RFP, Bid Evaluation, and award will be issued. Work Packages will be prepared. Conveyance equipment will be installed. Grout will be delivered, tested and pumped.

RMA/RMC Glove Box Removal Risks				
OPPORTUNITY: PFP-GB-01A: High Gram Box Disposition - FOAM	The responsibility for the implementation on the use of expanding foam at PFP has been assigned to personnel within the PFP Special Projects organization and is essentially being managed as a project. Lessons learned from other DOE sites that have used expanding polyurethane foam for similar applications are being used to facilitate implementation at PFP. The Risk Evaluation Board (REB) will be used to employ senior management personnel from CHPRC and DOE-RL to help resolve any significant issues associated with the use of foam.			Efforts continue under the special projects organization to implement the foaming initiative to foam selected components throughout 234-5Z and 236-Z. In the month of December the project determined that an additional evaluation will be conducted to determine alternate foaming agents due to the fire analysis that was performed on desired foaming agent. In the month of January alternate foaming agents were received and testing/documentation of results are under way.
PFP-GB-02: Glove boxes Isolation/Internal Strip out takes longer than planned	Utilize existing drawings, tools and techniques for equipment removal. Gram loading/NDA of gloveboxes has been obtained. Perform additional NDA to determine location of holdup. Perform surgical extraction of high gram items. Evaluate the use of foam or other fixatives to expedite cleanout.			Continue to work with field teams to plan upcoming isolations on remaining gloveboxes.

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	10.0	8.7	7.8	(1.3)	-13.0%	0.9	10.3%

Numbers are rounded to the nearest $0.1M

CM Schedule Variance: (-$1.3M/-13.0%)

Current Month unfavorable schedule variance is due to re-sequencing work in the 242-Z Americium Facility, to align with the availability of D&D workers from another Hanford Contractor (Washington Closure Hanford delaying preparations and initial entry activities in support of 242-Z. In addition the 234-5Z duct level work has been re-planned to align with an area vs. system approach and a change in the PFP demolition sequence changing the need for work in the duct level to start later in the Fiscal Year. Apportioned activities in the D&D Project Support account that align with the delays in discrete D&D work scope, primarily balance of 234-5Z work scope, and unforeseen issues with the removal, size reduction and waste packaging of PRF pencil tanks wherein the team encountered a larger amount of material than expected when size reducing Pencil Tank 38-Failed, are also contributing to this variance.

CM Cost Variance: (+$0.9M/+10.3%)

The current month favorable cost variance is associated with recognized efficiencies (i.e., lower than anticipated NDA values in the 234-5Z duct level) allowing for a larger amount of piping and ducting to be left in place for demolition, initiation of the D&D back-out plan and initiation of cold and dark activities resulting in less required system engineering support for maintenance of vital safety systems reducing required preventive maintenance activities. This is partially offset by impacts from a management safety pause to address compliance issues that have occurred in the past four months, increased labor to support DSA modifications (assumed one and working on three), and unplanned work associated with size reduction on Pencil Tank 38-Failed in PRF.

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	655.5	640.8	671.6	(14.7)	-2.2%	(30.7)	-4.8%	932.5	957.2	(24.7)

Numbers are rounded to the nearest $0.1M

CTD Schedule Variance (-$14.7M/-2.2%)

The Schedule Variance is within reporting thresholds.

CTD Cost Variance (-$30.7M/-4.8%)

The cost variance is within reporting thresholds.

Variance at Completion (-$24.7M/-2.7%)

The Variance at Completion is primarily a result of FY2013 Sequestration impacts to D&D work scope and prior year unrecoverable costs. The project is advancing a strategic path forward to achieve the slab-on-grade completion date of 2016.

Estimate at Completion (EAC)

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

The EAC changes from December to January are a result of re-sequencing remaining work-scope to get the PFP Project to Slab on Grade by September 2016.

Contract Performance Report Formats are provided in Appendix A.

FUNDS vs. SPEND FORECAST ($M)

	FY2014		
WBS 011/RL-0011 Nuclear Matl Stab & Disp PFP	Projected Funding	Spending Forecast	Spend Variance
RL-0011	107.2	103.7	3.5

Numbers are rounded to the nearest $0.1M

Funds/Variance Analysis

Compared with the prior month, FY2014 Projected Funding changed from $107.8 to $107.2M per revised FY2014 work authorization received from DOE-RL on January 30, 2014, which provided an additional $36M from the previous guidance. The change in FY2014 Spending Forecast from $105.7M to $103.7M is primarily driven by reductions in Workforce Restructuring and Fee allocation.

Critical Path Schedule

Due to the delay in initiating startup of D&D in the 242-Z facility, this facility has become the new critical path for PFP. The approach is to first perform facility mods of 242-Z & 242-ZA to make for more efficient field work, then D&D of the 242-Z Control Room, Mezzanine, Tank Room and finally the closeout of the facility by removing any remaining prohibited articles and preparing it for demolition. This kicks off the demolition of 242-Z, 242-ZA, and 236-Z, leading to completion of the final Hanford Federal Facility Agreement and Consent Order (Tri-Party Agreement) Milestone – M-083-00A, *PFP Facility Transition and Selection Disposition Activities*.

Baseline Change Requests

None identified at this time.

MILESTONE STATUS

None identified at this time.

SELF-PERFORMED WORK

The Section H.20 clause entitled, “Self-Performed Work,” is addressed in the 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
Vice President and
Project Manager for
Decommissioning, Waste,
Fuels, and Remediation
Services (DWF&RS)

January 2014
CHPRC-2014-01, Rev. 0
Contract DE-AC06-08RL14788
Deliverable C.3.1.3.1 - 1

PROJECT SUMMARY

- Annex Construction work continued as cold weather protection for previous concrete pours was removed, concrete repairs continued and backfill around the stem walls was completed. Completed welding simulation to support industrial hygiene sampling for respiratory evaluation and continued to evaluate released and pending design change notices to assess work package modifications.
- The project is anticipating RL approval of the Critical Decision (CD)-2/3 package and the Preliminary Documented Safety Analysis (PDSA) and Safety Design Strategy (SDS) documents in February 2014.
- STP technical staff continued to evaluate alternative strategies that have the potential to simplify the Engineered Container Retrieval and Transport System (ECRTS) design and operation. These evaluations include:
  - Identifying alternative strategies for controlling the hydrogen explosion hazard.
  - Updating the spray release accident consequence calculation method and associated control strategy.
  - Optimizing the number of Sludge Transport and Storage Containers (STSCs) required for transporting and storing K West Basin sludge by combining sludge from different engineered containers within an STSC and/or increasing the quantity of one sludge type added to a given STSC.
  - Initial planning continued along with cost benefit analysis and updates to draft white papers on initiatives. As part of the evaluation of sludge blending operations, RL requested that the potential for any impacts on the Phase 2 treatment and packaging of the blended sludge be evaluated. A white paper that compares the number of 30-gallon drums produced and the projected processing schedule of the defined options to the Phase 2 baseline plan presented in the STP Phase 2 Technology Evaluation and Alternatives Analysis has been drafted for review. Bounding calculations evaluating the potential implications for meeting Waste Isolation Pilot Plant (WIPP) transportation requirements for hydrogen generation during the 60-day window were completed and added to the current draft. The draft white paper is out for broader project review and should be issued early in CY2014.
- The Acquisition Planning Document for the ECRTS Process Equipment Fabrication Master Contract has been updated and is scheduled to be submitted to RL by February 4, 2014.
- Work was finished for Phase I of the Integrated Process Optimization Demonstration (IPOD) with successful completion of STSC hose drying, disconnecting and nitrogen purging, and nine retrieval lifts adding 900 pounds buoyant weight of settler simulant to successfully fill the second settler STSC were performed. Successfully demonstrated new XAGO tool tip clearing technique during each of the normal retrieval sequences. Performed loss of electrical power upset during a retrieval and successfully restarted the system without any line plugging. Performed an overfill recovery sequence. Successfully performed two sand filter backwashes in between the nine retrieval lifts. Installation of the multiplexer control system has begun in preparation for Phase II of the IPOD, which is currently forecast to begin in March.
- The Maintenance and Storage Facility (MASF) Team is conducting a pre-conceptual studies program to identify and develop remote methodologies to retrieve the highly radioactive 105KW garnet filter media. The first phase of testing was completed and an initial remote retrieval concept was developed and demonstrated. The innovative approach utilizes existing design features within the garnet filters and the associated piping network to remove the filter media in two steps – a bulk material removal sequence followed by a heel removal sequence. The testing completed to date will be documented in a formal test report to be prepared in the next few weeks.
- A white paper, which considers the potential impacts of the blending initiatives on Phase 2 treatment

and packaging, was completed and provided to RL as a final draft on January 9, 2014. Options that involve blending K West Engineered Container 230 settler sludge with K East sludge will decrease the total immobilized drum count by approximately 30%. Utilization of either one or two reaction vessels in the Phase 2 facility plus blending would result in reduced processing and lifecycle duration regardless of whether the need for oxidation of the K East sludge is eliminated.

- Work continued on design of T Plant modifications to receive STSCs. The Facility Modification Package (FMP) for the water addition system was approved. The nitrogen purge system design drawings are being assembled into an FMP and will meet the Fire Hazards Analysis (FHA) expectations and requirements. Review Comment Records (RCRs) on the FHA were completed and the FHA is in the approval process. The hazardous occupancy classification (Group H-4) in the FHA invokes requirements for occupancy separation, sprinkler protection and emergency alarms. Work continued on the functional criteria compliance matrix and preparation of the statements of work for future fabrication work and construction.

EMS OBJECTIVES AND TARGET STATUS

None currently identified.

TARGET ZERO PERFORMANCE

	CM Quantity	Rolling 12 Month	Comment
Days Away, Restricted or Transferred	0	1	N/A
Total Recordable Injuries	0	3	N/A
First Aid Cases	0	8	N/A
Near-Misses	0	0	N/A

KEY ACCOMPLISHMENTS

K West Annex Construction

- Removed cold weather protection from all concrete placements locations completed prior to holidays.
- Completed enhanced work planning for the ECRTS Annex structural steel installations.
- Completed concrete repairs on the south and west stem walls.
- Completed placing, compacting and testing structural fill for backfill in six-inch lifts up to grade on the south side of the Annex stem wall and west of the HIH pipe chase foundation.
- Completed welding simulation to support industrial hygiene sampling for respiratory evaluation, pending results report.
- Completed installation of formwork and welded wire for the chiller pad and interior HIH shielding steel for February 4, 2014 concrete placement.

Integrated Process Optimization Demonstration (IPOD)

- Continued performing retrievals of engineered container settler simulant.
- Continued fabrication of control system multiplexer panels.
- Completed nine retrieval lifts adding 900 pounds buoyant weight of settler simulant to successfully fill the second settler STSC.
- Successfully demonstrated new XAGO tool tip clearing technique during each of the normal retrieval sequences.
- Performed loss of electrical power upset during a retrieval and successfully restarted the system without any line plugging.
- Successfully performed two sand filter backwashes in between the nine retrieval lifts.

Garnet Filter Media Testing

- The first phase of testing was completed and an initial remote retrieval concept was developed and demonstrated.
- The innovative approach utilizes existing design features within the garnet filters and the associated piping network to remove the filter media in two steps – a bulk material removal sequence followed by a heel removal sequence.

STP Blending Strategy Phase 2 Impact White Paper

- A white paper, which considers the potential impacts of the blending initiatives on Phase 2 treatment and packaging, was completed.

MAJOR ISSUES

None currently 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-0012/WBS 012				
STP-002: STP Uncertainties	The majority of the risk mitigation strategy has been completed; only IPOD and cold commissioning runs with final design and production hardware remains prior to installation in the basin. The project has utilized bounding design parameters to limit control systems to the extent practicable. Testing of integrated components/systems will ensure technologies are transferable to the basin application/environment. Demonstrated TRL-4 at CD-0/1 and TRL-6 at CD-2/3.	Working - No Concerns	No Change	The Draft C/D Letter of Approval includes four Conditions Of Approval. One COA discusses the potential for revision to the PDS to implement a series of initiatives to reduce the consequences of the accident. This may reduce the need for safety significant equipment. SEE STP-072: Delayed STSC/ECRTS Procurement & Delivery. Continuing Integrated Process Optimization Demonstration at MASF.
STP-067A: Safety Significant Components **STP-067B – OPPORTUNITY: Safety Classification of SSC's**	Integrate nuclear safety representation on design team to minimize potential for an increase in the classification of safety significant SSCs in the ECRTS Process System Design. The project will conduct in-process reviews of the draft PDSA with DOE to ensure reviewers fully understand the basis for current SSC safety classifications. The PDSA has been submitted to RL.	Working - No Concerns	No Change	ECRTS procurements have been bundled into four procurement packages to be phased as accelerated funding may become available. If the revised PDSA (COA #1) is not approved by the time the 4th bundle comes up, the opportunity for cost savings in procurement will be missed, However, the potential to downgrade the safety controls later when it is approved may be realized.
STP-072: Delayed STSC/ECRTS Procurement & Delivery	Identify qualified vendors up-front, Conduct fabricator on-site inspections, place CHPRC Quality Control staff at the vendor facility, Maintain a prioritized buyback list to initiate early procurements should additional funding be identified, and procure raw materials early to minimize commodity price fluctuations. Develop procurement bundles for equipment that can be prioritized based on funding, vendor availability, and safety documents.	Working - No Concerns	No Change	ECRTS Procurement priorities along with CHPRC priorities are being developed in an integrated CHPRC buy-back list should additional funding become available.
STP-ANX-020: Contractor/Subcontractor Performance	Mitigation strategy is to provide extensive oversight on subcontractors work scope. Implement a Corrective Action Plan for contractor to implement to address shortfalls in performance. Closely coordinate, plan, and monitor construction using detailed field schedules to minimize impacts.	Working - Concern	Decreased Confidence	BCR-012-14-003R0, Annex Construction Realized Risks was deferred during the January Change Control Board meeting. The BCR was deferred to resolve potential contract impacts for weather related delays, revision of Industrial Health requirements, and pending completion of a review of the Annex ETC.
STP-ANX-024: K-Annex Design or Requirements Change or Errors & Omissions	Identify required design changes early in the process to minimize schedule impacts. The design reviews and constructability reviews have been completed, the potential requirements change, and related impacts are accepted without mitigation due to the action required. Develop a streamlined approach for handling contractor submittals and RCIs.	Working - Concern	Decreased Confidence	BCR-012-14-003R0, Annex Construction Realized Risks was deferred during the January Change Control Board meeting. The BCR was deferred to resolve potential contract impacts for weather related delays and revision of Industrial Health requirements. Their appears to be uncertainty about the full impacts of the portions of the proposed change related to changes in design and questioned whether currently planned PBS RL-012 Management Reserve would be adequate to address full realization of the impacts of the issues.
STP-ANX-028: Annex Acquisition – Programmatic Risk	CHPRC is proceeding with contract strategy for the Annex Construction.	Working - Concern	No Change	CHPRC is preparing a Change Proposal to address the cumulative impacts of sequestration and partial government shutdown for the Annex construction. Sequestration and partial government shutdown actions may have a resulting impact on the Annex Construction contractor outside of the original contract scope for directed stop & restart activities.

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	4.9	5.3	5.5	0.4	8.2%	(0.2)	-3.6%

Numbers are rounded to the nearest $0.1M

CM Schedule Performance (+$0.4M/+8.2%)
Variance is within reporting thresholds.

CM Cost Performance (-$0.2M/-3.6%)
Variance is within reporting thresholds.

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	399.8	399.9	408.7	0.0	0.0%	(8.8)	-2.2%	690.6	708.9	(18.4)

Numbers are rounded to the nearest $0.1M

CTD Schedule Performance (+$0.0M/+0.0%)
Variance is within reporting thresholds.

CTD Cost Performance (-$8.8M/-2.2%)
Variance is within reporting thresholds.

Estimate at Completion (EAC)
Variance 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	FY2014 Projected Funding	FY2014 Spending Forecast	FY2014 Spend Variance
RL-0012	72.3	70.7	1.5

Numbers are rounded to the nearest $0.1M.

Funds/Variance Analysis
Compared with the prior month, FY2014 Projected Funding changed from $57.8M to $72.3M per revised FY2014 work authorization received from DOE-RL on January 30, 2014, which provided an additional $36M from previous guidance. The change in FY2014 Spending Forecast from $56.5M to $70.7M is primarily driven by approved buy-back work scope in support of the Annex Construction Project and ECRTS procurements.

Critical Path Schedule
The STP Critical Path is funding constrained in FY2014 resulting in deferral of process equipment procurement into FY2015/2016. The critical path subsequently flows through the installation of process equipment, then operational acceptance testing of the facility modifications, annex process equipment, readiness activities at the K West basin, the operational readiness review, and finally containerized sludge retrieval operations. Retrieval operations includes the filling of STSCs with sludge and transferring them to T Plant, completing Hanford Federal Facility Agreement and Consent Order (Tri-Party Agreement) milestone M-016-176, *Complete Sludge Removal from 105-KW Fuels Storage Basin*.

Baseline Change Requests
None currently identified.

MILESTONE STATUS

(Tri-Party Agreement) 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 September 2013, and subsequent approved BCRs define CHPRC planning with respect to Tri-Party Agreement milestones. The following table is a one year look ahead of commitments and Tri-Party Agreement enforceable milestones and non-enforceable target due dates. Tri-Party Agreement Milestones are currently being renegotiated between the Parties to align milestone work scope with anticipated FY2014 funding scenarios and Hanford site priorities.

Number	Title	Due Date	Actual Date	Forecast Date	Status/ Comment
M-016-175	Begin sludge removal from 105KW Fuel Storage Basin	09/30/2014		09/01/2018	This Tri-Party Agreement completion has been impacted by changes in DOE priorities and sequestration. It is currently unattainable and needs to be re-negotiated.

SELF-PERFORMED WORK

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

GOVERNMENT FURNISHED SERVICES AND INFORMATION (GFS/I)

None currently identified.

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

CH2MHILL
Plateau Remediation Company

L. T. Blackford
Vice President and
Project Manager for
Decommissioning, Waste,
Fuels, and Remediation
Services (DWF&RS)

January 2014
CHPRC-2014-01, Rev. 0
Contract DE-AC06-08RL14788
Deliverable C.3.1.3.1 - 1

PROJECT SUMMARY

The Waste and Fuels Management Project (W&FMP) continued maintaining facilities in a safe and compliant condition. Overall, the project is delivering planned efficiencies but continues to be impacted by emerging work and realized risks. Liquid Effluent Facilities (LEF) received 5 tankers, 10.3k gallons. Canister Storage Building (CSB) continued multi-canister overpack (MCO) monitoring. Also, completed quarterly MCO handling machine (MHM) interlock channel tests and six-month vendor inspection on uninterruptible power supply (UPS) batteries. The Effluent Treatment Facility (ETF) heat exchanger was returned to service and processing of Liquid Effluent Retention Facility basin 42 was initiated. Waste Receiving and Processing Facility (WRAP) performed operability testing of the High-Energy Real Time Radiograph (HERTR) and Quarterly HERTR Area Radiation Monitor (ARM) functional test. Central Waste Complex conducted Trench 94 downposting activities in preparation for the Navy Reactor Compartment receipts in March 2014.

EMS Objectives and Target Status

Objective #	Objective	Target	Due Date	Status
14-EMS-DWF&RS-OB1-T1	Conserve resources and reduce the generation and/or toxicity of waste at the source.	Continue inspection and management review of material and equipment storage areas at frequencies determined necessary by line management to assure continued protection of property from loss, deterioration, or damage.	9/30/14	On Schedule

TARGET ZERO PERFORMANCE

	CM Quantity	Rolling 12 Month	Comment
Days Away, Restricted or Transferred	0	2	N/A
Total Recordable Injuries	0	3	N/A
First Aid Cases	6	44	• 1/6/14 - Employee struck head on an overhead door. Body part affected: Head (23273) • 1/9/14 - Employee slipped on ice and fell. Body part affected: Knee and elbow (23277) • 1/12/14 - Employee reached out when chair rolled out, employee then ended up sitting on the floor. Body part affected: Buttocks (23286) • 1/13/14 - Employee tripped on stairs and fell. Body part affected: Ankle (23287) • 1/20/14 - Employee ducked under chain and later experienced pain. Body part affected: Lower back (23294)
Near Misses	0	0	N/A

KEY ACCOMPLISHMENTS

13.01 Project Management

- Continued Project Management support for high priority projects
- Developed an integrated priority list as a result of additional funding becoming available
- Continued to work with RL on multiple changes to the contract scope of work

13.02 Capsule Storage & Disposition

- Completed monthly Technical Safety Requirement (TSR) and environmental preventive maintenance (PM) and surveillance activities
- Prepared and shipped Radiation Indicator Transmitters (RIT) detector to vendor for testing
- Prepared and shipped failed 1600 amp main breaker to vendor for refurbishment
- Completed testing of Pool Cell Gamma Monitor
- Completed vibration analysis PM for exhaust fans
- Initiated work planning for Air Compressor # 1 refurbishment
- Performed deep well pump operation runs
- Replaced roll & bag filters on all HVAC Supply Units
- Conducted Workability Review for G-Cell entries to modify Capsule Transfer Cart Assembly

13.03 Canister Storage Building (CSB)

- Continued multi-canister overpack (MCO) monitoring program
- Relocated MCOs H-189 and H-253 to Storage Vault #1
- Completed:
  - Quarterly MCO handling machine (MHM) interlock channel tests (TSR)
  - Semi-annual sample hood differential pressure indicator calibration (TSR)
  - Semi-annual sample hood air flow indicator calibration (TSR)
  - Annual tube vent and purge cart pressure indicator calibrations
  - Annual air handler (AH-004) flow and loop calibration
  - Annual rail frog jib crane and hoist inspection
  - Completed 60-month fire water pump house wet-riser test and inspections
  - Completed six-month vendor inspection on uninterruptible power supply (UPS) batteries

13.06 TRU Repackaging

- Received TR-1307 four SWBs from Perma Fix Northwest (PFNW) into CWC building 2403WD completing the process for two Fiberglass Reinforced Plastic (FRPs) processed at PFNW

13.07 Waste Receiving and Processing Facility (WRAP)

- Performed/Completed:
  - Operability testing of the High-Energy Real Time Radiograph (HERTR)
  - Quarterly HERTR ARM functional test
  - Annual Dwyer differential pressure indicator (DPI) Calibrations (TSR)
  - Wind-blown tumbleweed removal around and within the facility fence line
- Surveillances:
  - Six Technical Safety Requirement (TSR) surveillances
  - 25 Preventive Maintenance (PM) packages
  - 78 Radiological (Rad) surveillances
  - 41 Operational surveillances
- Shipments:
  - Received two drums of transuranic mixed (TRU/M) waste from WCH (i.e., the 618-10 drums

from ERDF)
  - Shipped two containers of recyclable waste to Centralized Consolidation/Recycling Center (CCRC)

13.08 T Plant

- Completed:
  - Ongoing drum venting training
  - Regulated and non-regulated tumbleweed pick-up in the tunnel cut and inside complex
  - Packaging and shipment of cabinet waste items
- Surveillances:
  - Four TSR surveillances
  - 223 Rad surveillances
  - 17 PM packages
  - 248 Operational surveillances
- Shipments:
  - Two shipments of mixed low-level waste (MLLW) totaling three drums to Perma-Fix Northwest (PFNW) for treatment (i.e., the cabinet and sample return waste)

13.09 Central Waste Complex (CWC) and Low Level Burial Grounds (LLBG)

- Delivered gray cruiser and trailer to MSA garage for Pre-Commercial Vehicle Safety Alliance (CVSA) inspection supporting shipment of fiberglass reinforced plywood (FRP) boxed TRU waste to PFNW
- TEREX trailer (used to transport the Super 7A with a large FRP waste box) pre-CVSA inspection failed due to cracked welds
- Completed and validated sampling and MWT 31/34 operations and surveillance procedures
- Overpacked eight drums that were identified with corrosion issues. This included the final six Hanford Engineering Development Laboratory (HEDL) drums in 2403-WA
- Provided Carlsbad Field Office a written proposal regarding placement of corroded 55-gallon drums into standard waste boxes (SWBs) to avoid future repackaging
- Selected two large TRU/M FRP boxes to be shipped to PFNW during second quarter FY2014
- Conducted Trench 94 downposting activities in preparation for Navy Reactor Compartment receipts in March, 2014
- Removed tumbleweeds from Trench 94 and CWC
- Completed:
  - Eight TSR surveillances
  - 22 PM packages
  - 178 Rad surveillances
  - 76 Operational surveillances
- Shipments:
  - Received two shipments totaling 13 drums of TRU/M waste from Plutonium Finishing Plant (PFP)
  - Received shipment totaling seven drums of TRU/M waste from Pacific Northwest National Laboratory (PNNL)

13.11 Liquid Effluent Facilities (LEF)

- Effluent Treatment Facilities (ETF)
  - Heat Exchanger:
    - Vendor performed sealant injections to repair leaks. Evaporator operational on January 16, and unit returned to service.

  - On January 27, Heat Exchanger experienced significant leaks and was shut down. Engineering inspection revealed crack on both sides of Heat Exchanger housing. Engineering is drafting technical position on path forward
- Uninterrupted Power Supply (UPS):
  - Several UPS batteries were discovered to have cracked housing. UPS was taken off-line and work package is in development
- Hanford Fire Department completed testing and inspections at 2025EA
- Shipped two Roll-On/Roll-Off containers to ERDF
- Changed 19 filters in Main Treatment Train (MTT)
- Processed 14 drums in Thin Film Dryer System
- Received five tankers:
  - 10.3 gallons (10.3K calendar year [CY])
- Treated effluent to State-Approved Land Disposal Site:
  - 1.3M gallons (1.3M CY)
- Discharged to 200A Treated Effluent Disposal Facility (TEDF):
  - 1.9M gallons (1.9M CY)
- Received Environmental Restoration Disposal Facility (ERDF) Leachate
  - 126K gallons (126K CY)
- Provided briefing on Liquid Waste Stream Alternatives to DOE-RL Assistant Manager for Central Plateau
- Liquid Effluent Retention Facility (LERF) Basin activities
  - All Basins
    - Continued with surveys/posting verification activities
    - Completed monthly inspections with no cover breaches identified

13.12 Integrated Disposal Facility

- Completed monthly, quarterly and annual calibrations and inspections

13.16 Off Site Spent Nuclear Fuel Disposition

- Maintained coordination for offsite Spent Nuclear Fuel Disposition

13.21 Mixed Waste Disposal Trenches

- Completed:
  - One TSR surveillance
  - 24 Rad surveillances
  - Five Operational surveillances
- Shipments:
  - One drum of low level waste to ERDF

MAJOR ISSUES

None currently 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-0013				
PRC-010: Requirements Change	Changes to DOE Orders, Federal, or State Regulations could impact the baseline scope, schedule and/or cost. There is a risk that state directed changes could impact the ability to perform work in the planned manner.	Working - Concern	Increased Confidence	Change Order #239 received from RL for Part B Permit Phase II initial support and completed Green Team Review.
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.	Working - Concern	No Change	Forecasted volumes from CHPRC Projects may not allow commercial capability to remain viable. Developing prioritized list of containers to send for off-site treatment should additional funding become available.
WSD-086: W&FM Industrial Accident or Contamination	Workers are trained in equipment operation, radiological control procedures (ALARA), and response to events. Processes and procedures identify safe equipment operation, control of radiological/hazardous materials.	Working - Concern	No Change	Continuing to address biological contamination at Trench 94. LERF cover cleaning halted for weather.
WSD-125: Three-Year Pause in Waste Processing Results in Unexpected Container Integrity Issues	Perform routine surveillances (daily/weekly) of containers within the SWOC storage areas and identify abnormalities. Develop a "watch-list" for containers that have existing corrosion to monitor for signs of accelerated corrosion. Develop plans for dealing with degraded/abnormal containers. Discrepant containers may require additional monitoring, patching, covering or overpack as required. If a breach is identified, implement response procedures and perform response actions as appropriate.	Working - Critical	No Change	Legacy containers in expansion area are requiring additional resources. FY2014 containers identified for covering. Continuing to identify, segregate, mark and overpack containers as necessary.
WSD-079 (WRAP) WSD-097 (T-Plant) WSD-120 (WESF) WSD-121 (LERF) WSD-122 (CSB) WSD-135: (ETF) WSD-136: (CWC) 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.	Working - Critical	No Change	• LERF cover cleaning halted for weather. Heat exchanger developed leak and shutdown. Developing engineering recommendation for path forward. • ETF Heat Exchanger procurement initiated in October. FY2014 RL priorities necessitated the cancellation of the procurement and deferral (including installation) to FY2015. • Continuing to experience greater than planned maintenance at ETF and LERF. • WESF roof replacement completed – Punch list items to be completed in spring. • T Plant has identified significant work to maintain fire barriers in the facility

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.			• Working with RL on Ecology Agreed Order.

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	7.3	7.4	5.5	0.1	1.4%	1.9	26.0%

Numbers are rounded to the nearest $0.1M

CM Schedule Performance (+$0.1M/+1.4%)
The current period favorable schedule variance is within threshold.

CM Cost Performance (+$1.9M/+26.0%)
The current month favorable cost variance is due to the implementation of planned efficiencies coupled with labor utilization rates below plan.

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

WBS 013/RL-0013 Waste and Fuels Management Project	Budgeted Cost of Work Scheduled	Budgeted Cost of Work Performed	Actual Cost of Work Performed	Schedule Variance ($)	Schedule Variance (%)	Cost Variance ($)	Cost Variance (%)	Budget at Completion (BAC)	Estimate at Completion (EAC)	Variance at Completion (VAC)
Total	816.3	816.5	794.8	0.1	0.0%	21.7	2.7%	1,325.4	1,256.2	69.1

Numbers are rounded to the nearest $0.1M

CTD Schedule Performance (+$0.1M/+0.0%)
The schedule variance is within threshold.

CTD Cost Performance (+$21.7M/+2.7%)
The favorable cost variance is within threshold.

Estimate at Completion (EAC)
The BAC and EAC include FY2009 through FY2018.

The change in EAC from December to January is within threshold.

Contract Performance Report Formats are provided in Appendix A.

FUNDS vs. SPEND FORECAST ($M)

WBS 013/RL-0013 Waste and Fuels Management Project	FY2014 Projected Funding	FY2014 Spending Forecast	FY2014 Spend Variance
RL-0013	83.8	83.2	0.6

Numbers are rounded to the nearest $0.1M.

Funds/Variance Analysis

Compared with the prior month, FY2014 Projected Funding changed from $78.3M to $83.8M per revised FY2014 work authorization received from DOE-RL on January 30, 2014, which provided an additional $36M from previous guidance. The change in FY2014 Spending Forecast from $78.1M to $83.2M is primarily driven by approved buy-back work scope to include WESF K3 Ventilation system, ERDF Transfer Line, WESF Dry Storage Prep, Ecology Agreed Order, and T-Plant Fire Barriers.

Critical Path Schedule

Critical path analysis can be provided upon request.

Baseline Change Requests

BCR-013-14-006R0 – *WRAP Facility Dormant, ETF Heat Exchanger Procurement Prep & ERDF Transition Milestone*
BCR-013-14-007R0 – *Part B Permit Phase 2 STG Support/CO 239 NTE*

MILESTONE STATUS

Hanford Federal Facility Agreement and Consent Order (Tri-Party Agreement) 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 September 2013, and subsequent approved BCRs define CHPRC planning with respect to Tri-Party Agreement milestones. The following table is a one year look ahead of commitments and Tri-Party Agreement enforceable milestones and non-enforceable target due dates. Tri-Party Agreement Milestones are currently being renegotiated between the Parties to align milestone work scope with anticipated FY2014 funding scenarios and Hanford site priorities.

Number	Title	Due Date	Actual Date	Forecast Date	Status/ Comment
M-026-07C	Evaluation of Tritium Treatment Technology to EPA & Ecology	3/31/14		3/31/14	On Schedule

SELF-PERFORMED WORK

The Section H.20 clause entitled, “Self-Performed Work,” is addressed in the 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
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M. N. Jaraysi
Vice President for
Environmental Program
and Strategic Planning

January 2014
CHPRC-2014-01, 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 January includes the following:

Treatment Facility	Million Gallons Treated		Chrome (kg)		Carbon Tet (kg)		Nitrate as N (kg)		Tech-99 (pCi)	
	CM	FYTD	CM	FYTD	CM	FYTD	CM	FYTD	CM	FYTD
DX P&T	24.4	102.4	21.5	90.1	-	-	-	-	-	-
HX P&T	24.9	97.2	2.3	9.4	-	-	-	-	-	-
KR-4 P&T	12.7	46.8	0.4	1.8	-	-	-	-	-	-
KW P&T	13.3	53.0	1.2	5.8	-	-	-	-	-	-
KX P&T	23.3	86.4	2.0	8.3	-	-	-	-	-	-
200 West P&T	66.1	235.4	6.4	22.5	244	897	4,084	16,508	$1.15x10^{11}$	$3.3x10^{11}$
Combined	**164.7**	**621.2**	**33.9**	**137.9**	**244**	**897**	**4,084**	**16,508**	**$1.15x10^{11}$**	**$3.3x10^{11}$**

Sampling	January	FY2014 Cumulative
Well Sampling Events	250	754
Aquifer Tube Sampling Events	110	257
Total Number of Sampling Events	360	1,011
Samples Collected	1,226	4,447
Analyses Performed	1,805	7,377

EMS Objectives and Target Status

Objective #	Objective	Target	Due Date	Status
14-EMS-SGWR-OB1-T1	Reduce air emissions at the 200 West Pump and Treat Facility	Update air emissions baseline for 200 West Pump-and-Treat Facility and evaluate data to identify if additional air modeling is warranted and whether opportunities exist reduce air-toxic emissions.	9/30/14	On schedule
		A tabulation of emissions, in mass per year, for constituents of concern (i.e., all constituents analyzed for during sampling events). Evaluation results will be documented as a Worksite Assessment(s).	Quarterly	50% complete
14-SGWR-EMS-OB2-T1	Reduce the amount of toxic and/or hazardous materials in the environment	Pump and treat 1.8 billion gallons of contaminated groundwater from all pump and treat facilities during FY2014.	9/30/14	On schedule
		The volume of contaminated groundwater that is treated as measured in gallons.	Monthly	621M gallons treated through 1/31/14

Objective #	Objective	Target	Due Date	Status
14-SGWR-EMS-OB3-T1	Reduced resources use (fuel use)	Evaluate opportunities to discharge purgewater to ground from newly drilled wells.	9/30/14	On schedule
		Report results of evaluation by Well ID/Well Name.	Monthly	90% complete
14-SGWR-EMS-OB4-T1	Reduce fuel consumption/greenhouse gas emissions and increase resource utilization (sampling, well maintenance, and waste management personnel)	Seek EPA and Ecology approval to manage miscellaneous solid waste (MSW) from well sampling and maintenance activities in one centralized area.	3/30/14	On schedule
		This target will be met upon submittal of TPA Change Notice to DOE, EPA, and Ecology.	Status at completion	90% complete

TARGET ZERO PERFORMANCE

	CM Quantity	Rolling 12 Month	Comment
Days Away, Restricted or Transferred	0	1	N/A
Total Recordable Injuries	0	1	N/A
First Aid Cases	0	22	N/A
Near-Misses	0	2	N/A

KEY ACCOMPLISHMENTS

RL-0030.O1 RL 30 Operations
RL 30 Integration & Assessments

Strategic Integration

- Central Plateau Strategy
  - o Supported DOE-HQ, DOE-RL, EPA and Ecology negotiations of the Central Plateau principles.
    - – Developing ROM cost estimates for alternate depths to be protective of direct contact and ecological receptors.
  - o Worked with DWFRS Project staff to develop a regulatory strategy for stabilization of legacy contamination at WESF and transfer of the capsules to a new dry storage facility. An internal agreement has been reached on a recommended path forward and a paper is being finalized for discussion with RL.

River Corridor

100-BC-5 Operable Unit

- Drilling continued on the boreholes and construction of the monitoring wells. These wells are being installed as part of TPA Milestone M-015-76 due February 28, 2014.
- Fourteen recently installed hyporheic sampling points (shallow aquifer tubes) were sampled in January. This sampling event included the third month of high-frequency sampling in eight of the tubes. Initial results were favorable and consistent, and RL and EPA have agreed that the high frequency sampling can be eliminated in favor of monthly grab samples.

100-KR-4 Operable Unit

- Completed construction at well 199-K-205 (new KW extraction well at the KW head house) on January 29, 2014. Final development is in process. Aggressive pumping indicates potential extraction rates up to 100 gallons per minute (gpm).
- Completed well realignments on January 21, 2014:
  - 199-K-198: KR4 extraction well, KE15
  - 199-K-199: KR4 extraction well, KE16
  - 199-K-181: KX extraction well, XE1

100-HR-3 Operable Unit

- Transmitted *100-HR-3 Pump and Treat System Operations and Maintenance Plan*, Decisional Draft, for RL review on January 15, 2014.
- Supported RL on a Data Quality Objectives/Sampling Instruction (DQO/SI) meeting on January 16, 2014, to assess groundwater impacts of the residual contamination within the 100-D-100 excavation bottom. Meeting attendees included WCH, CHPRC, RL, PNNL, and Ecology. The DQO/SI workshop was completed on January 22, 2014.
- Received RL technical direction (14-AMRP-0090) on January 17, 2014, to reduce the DX treatment system throughput by up to 200 gallons per minute to accommodate sampling as agreed to in the above DQO/SI. On January 21, 2014, three affected DX injection wells were turned off (199-D5-128, 199-D5-42, and 199-D5-129); extraction wells (ME30 – ME40) were shut off to offset the lost injection capacity. System operation will be re-evaluated and the DX throughput increased, upon evaluating sampling needs.

100-FR-3 Operable Unit

- Comments from EPA legal on the Proposed Plan were received on January 23, 2014, and the project team has scheduled a series of meetings to resolve the comments and revise the document. Final Rev. 0 documents (RI/FS, proposed plan and fact sheet) will be completed in the February-April timeframe.

Central Plateau

200-UP-1 Operable Unit

- The Technical Feasibility Evaluation for Uranium Treatment at the 200 West pump and treat was transmitted to RL in accordance with Change Order 246. The evaluation recommends a dedicated ion-exchange resin train as the preferred uranium treatment option and concludes that a surface transfer/pump station will not be required based on initial calculations. The evaluation also provides an initial site plan, process flow diagram, and rough order of magnitude cost estimate and schedule to complete the design and construction of the preferred treatment option.

200 West Pump and Treat

- Average pumping rate for January was 1,483 gpm.
- Effluent concentrations remain below cleanup levels specified in Record of Decision (ROD).

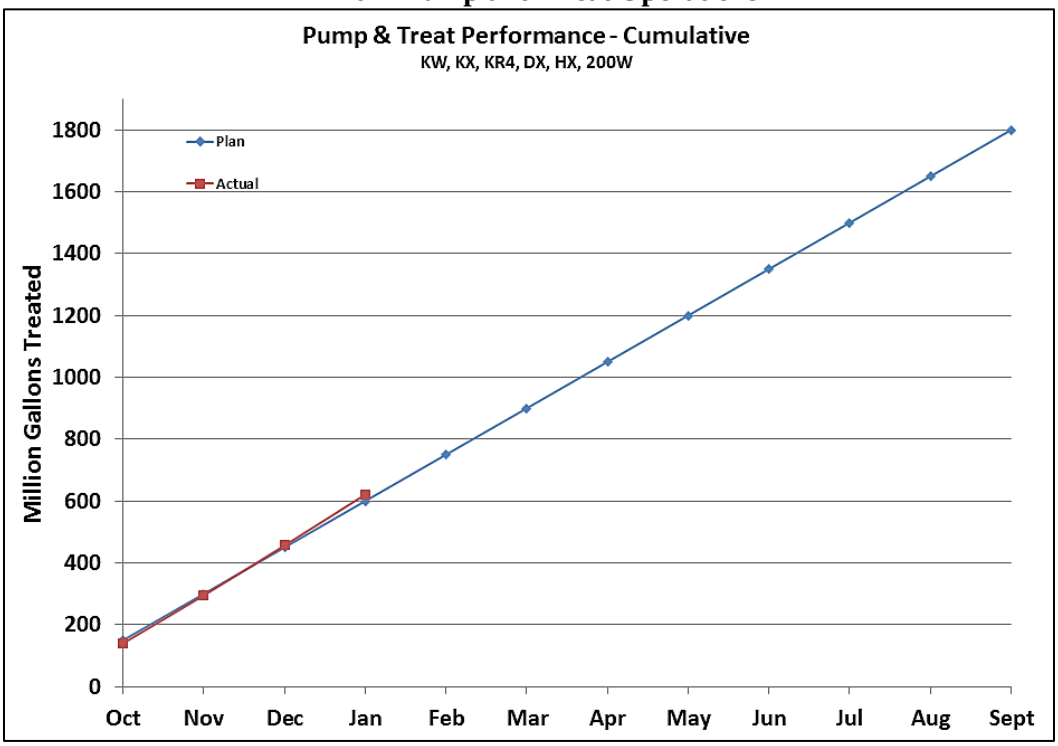
- There was only one unplanned shutdown in January 2014. On January 7, 2014, MBR-C shutdown due to high membrane pressure. The plant was restarted one hour later.

200-DV-1 Operable Unit

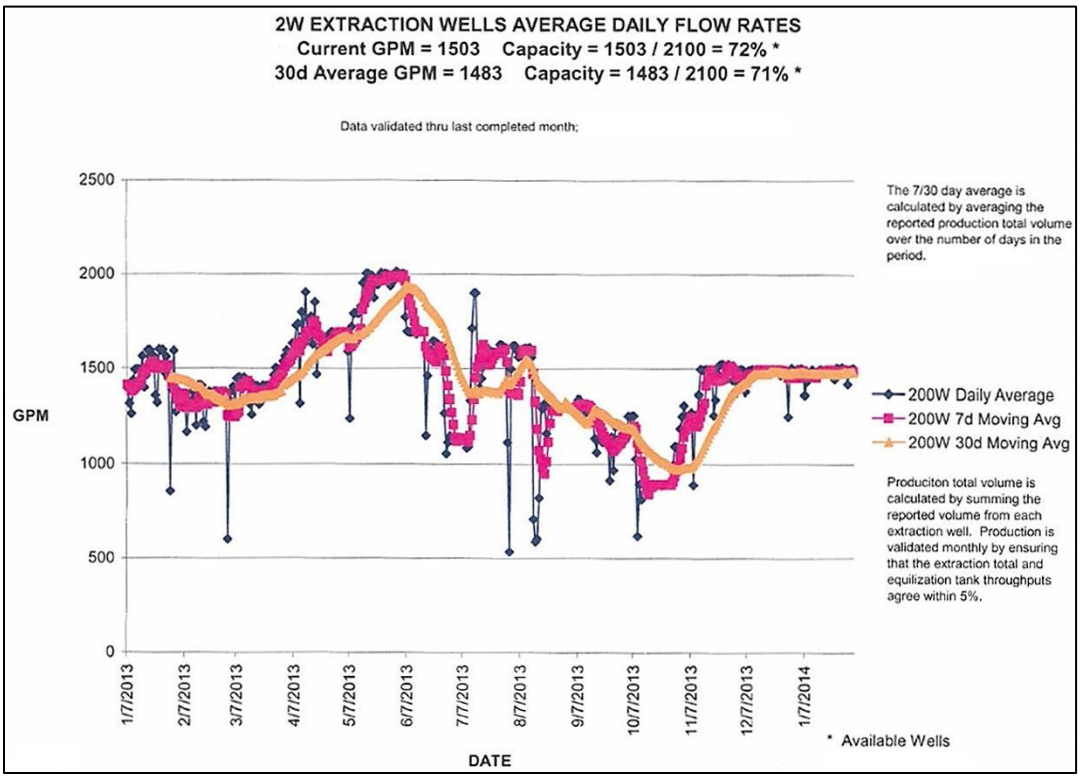
- New extraction well 299-E33-351 has now reached total drilling depth at 234 ft. Three split-spoon samples and one water sample were collected within perched water zone for testing. Radiological contamination was detected in the perched zone as expected. The second new extraction well (299-E33-350) is currently at a depth of 96 ft.
- The B Area perched water extraction system removed 7,334 gallons in January, bringing the total volume of perched water removed to 181,874 gallons since initiating operations on August 30, 2011. The following quantities of contaminants were removed for the month of January:

Contaminant	January	Cumulative (since startup)
Tc-99	9.2E-04 Ci	21.9E-03 Ci
Uranium	2.9 kg	34.9 kg
Nitrates	13.2 kg	373.6 kg

FY2014 Pump and Treat Operations



200 West Pump and Treat Operations



MAJOR ISSUES

Issue – The 100-K RI/FS and Proposed Plan documents are on hold pending drilling and sampling of 100-K East Reactor waste site characterization wells (116-KE-3 and UPR-100-K-1) and associated modeling. EPA has stipulated that these results are required to be incorporated into the RI/FS prior to Rev. 0 signature. These activities are currently planned in PBS RL-0041 as non-contract work scope that will be implemented in FY2015. This delay in completing the characterization impacts the RI/FS, ROD, and remedy implementation.

Corrective Action – Complete the drilling and sampling of 100K East Reactor waste site characterization wells and associated modeling so the RI/FS can be completed.

Status – Received RL CO correspondence on January 7, 2014, that the 100-KE Reactor waste site characterization is considered a change to the PRC. This scope has been included under RL-0041 in the recent buy back list for proposed FY2014 funding (14-PIC-0006).

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-030/WBS 030				
SGW-045: Regulator Comments Change Requirements **SGW-008: Regulatory Documents Result in Significant Comments from Regulators**	A standardized approach has been developed to quickly evaluate and categorize comments for resolution. This process also identifies comments that will require management attention in order to achieve resolution. For significant comments, white papers are prepared for RL management concurrence. These white papers then form the basis to help resolve significant comments with the agencies. In addition, routine meetings are conducted to address agency comments and to remain current on the influences from agencies.	Working - Concern	Increased Confidence	Continue to work open issues with RL and Ecology. Significant progress has been achieved over the past several months to resolve Ecology's comments on the 100-D/H RI/FS through the preparation of white papers. These white papers have RL's concurrence, and form the basis for the technical discussion with Ecology on outstanding issues. White papers have also been submitted to RL and Ecology to resolve significant comments on the 100-N RI/FS. Additional discussions have been scheduled with Ecology to resolve comments.
SGW-004: Cultural Resource Reviews	Obtain cultural/ecological reviews before design progresses. Walk downs with cultural resource review teams (tribal, DOE, Engineering, etc.) to start early and be performed periodically throughout the process. Assign contractors to other activities while awaiting results. Work with the State Archeological and Historical Preservation office.	Working - Concern	No Change	CHPRC is working closely with MSA contractor to accelerate cultural reviews and is developing a strategy for conducting areal reviews to eliminate the need for project by project reviews in the same areas.
OPPORTUNITY: SGW-007A: Sampling Requirement Reduction SGW-007B: Analytical Reduction	Sampling reduction can be achieved by combining sample sites, promptly removing sample sites from the list once characterization is established to support regulatory down-posting, work with regulatory agencies to minimize sample sites and sampling frequencies (i.e. quarterly to yearly). Analytical and laboratory characterization can be achieved by working with regulatory agencies to minimize the analysis required, determining a standardized analyses runs, and working with the laboratories to streamline data validation processes.	Working - No Concerns	Increased Confidence	Several actions are underway to reduce the amount of groundwater sampling that is required by regulatory documents. First, three TPA CNs have been submitted to EPA to reduce the amount of post-ROD sampling in the 300 Area. Second, revised monitoring plans based on refined sampling objectives for 100-K and 100-DH have been provided to RL for review. Both of these efforts reduce the amount of sampling that will be required in the future. In addition, an approach to reduce the amount of SAPs and associated sampling has been provided to RL. A draft plan for this reduction is scheduled to be provided to RL by March 30, 2014.
SGW-160: Failed Well Trips	Develop pre-sample inspection and performance plans for each well or well network. Perform pre-inspection trips to ensure the well can be accessed and include IH monitoring during the pre-inspection trip. Combine multiple well trips into one sampling event based on results of pre-sample inspection results. Utilize established procedures to respond to failed motors/equipment, high IH readings, and when to identify stop-work when conditions are outside established protocols. Reassign sampling crews to other wells if alternate work is available.	Working - No Concerns	No Change	Pre-inspections continue to avoid failed trips.

Risk Title	Risk Strategy/Handling	Assessment		Comments
		Month	Trend	
RL-030/WBS 030				
SGW-NR2-09: Chemical Injection Process	Hire a subcontractor with prior experience injecting chemicals into boreholes. Through the subcontracting strategy, this will transfer the technical development onto the subcontractor. Place performance/efficiency requirements into the contract. Perform mockup testing to verify the plan provided by the subcontractor works as designed.			Experienced contractor/supplier has been identified and selected for both chemical injection to existing shallow and deep wells as well as vadose zone jet. SOW for Aquifer injection contractor was modified to include new scope of additional 500 feet but no change to selected supplier.
SGW-159: Ability to Maintain Flow Rates through Pump and Treat Units	Acquire technical specialist in bio-reactor operation at 200 West P&T to oversee the complexity associated with the water volume/flow and evaluate optimization and nutrient additions to the bed reactor. Installation of additional extraction or injection wells is required to boost pumping rates to 2,000 gpm. Routine well maintenance/equipment maintenance program is essential to maximize operational efficiency and minimize down-time.			A full time bio-reactor specialist is now working at 200 West P&T. The specialist is working on optimizing volume of feed material (carbon substrate) and vitamins to the fluidized bed reactor. Four additional injection wells are scheduled to be installed in FY2014 to ensure there is adequate capacity to allow several injection wells to be offline for cleaning while still maintaining 2,000 gpm pumping rates.
SGW-092: 200 West P&T Operating Requirements	Overtime is utilized to perform critical corrective and preventative maintenance. As operations 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 a Pump & Treat	For the P&T facilities, maintenance will continue with the established Preventative Maintenance and Corrective Maintenance program. Utilize trending to monitor precipitate and bio-fouling of injection wells. Utilize trends to optimize well cleaning frequency to keep injection wells clear of precipitate and bio-fouling. Install additional injection wells to increase injection capacity and plan down-time for injection well cleaning cycles. Continue staff training on equipment and processes. Maintain spare-parts inventory.			Pump and treat plants operating as designed. 200-West P&T continuing to experience higher than planned maintenance due to injection well bio-fouling and instrumentation issues.

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 (%)
Total	8.9	8.8	7.8	(0.1)	-1.1	1.0	11.5

Numbers are rounded to the nearest $0.1M.

CM Schedule Performance (-$0.1M/-1.1%) is within reporting thresholds.

CM Cost Performance (+$1.0M/+11.5%) exceeds reporting thresholds due to the following efficiencies that were realized in January:

- Efficiencies in planned level of effort (LOE) activities allowed several resources to provide direct support to projects.

- Geophysical logging costs were lower than expected. During the first four months of the FY2014, only a few wells have been drilled and none decommissioned resulting in less geophysical logging.
- Received few comments on the internal review of the Draft B Remedial Design/Remedial Action Work Plan resulting in cost savings during document preparation.
- Maintenance and fleet service costs were lower than expected
- Received fewer internal draft comments than anticipated on the 300-FF-5 RD/RAWP resulting in savings during document preparation.

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)
Total	935.2	933.4	927.0	(1.7)	-0.2	6.4	0.7	1,489.5	1,478.3	11.2

Numbers are rounded to the nearest $0.1M.

CTD Schedule Performance (-$1.7M/-0.2%)
Variance is within reporting thresholds.

CTD Cost Performance (+$6.4M/+0.7%)
Variance is within reporting thresholds.

Estimate at Completion (EAC)
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)

	FY2014		
RL-0030 Soil and Groundwater Remediation	Projected Funding	Spending Forecast	Spend Variance
RL-0030	121.6	119.7	1.9

Numbers are rounded to the nearest $0.1M.

Funds/Variance Analysis
Compared with the prior month, FY2014 Projected Funding changed from $109.5M to $121.6M per revised FY2014 work authorization received from DOE-RL on January 30, 2014, which provided an additional $36M from previous guidance. The change in FY2014 Spending Forecast from $105.5M to $119.7M is primarily driven by approved buy-back work scope to include but not limited to UP-1

Treatment Mods to 200W P&T, Revised Closure Plans, Completion of Central Plateau Principles, SW-2 and WA-1 Work Plan Revisions, 100-D-100 Characterization.

Critical Path Schedule
Critical path analysis can be provided upon request.

Baseline Change Requests
BCR-030-14-002R0 – *Incorporate CO #246 NTE for 200-UP-1 Technical Feasibility Eval for Implementation of Uranium Treatment at 200-West P&T*
BCR-030-14-003R0 – *Incorporate 200-PW-1 RCR Comments*
BCR-030-14-004R0 – *100-BC-5 Lab Analysis Cost Segregation*

FY2014 Management Reserve (Funded): $0.75M
No Management Reserve was used during January.

MILESTONE STATUS

Tri-Party Agreement (TPA) milestones represent significant achievements in project execution. Enforceable TPA milestones were established to provide high-level visibility to critical deliverables and specific status on the accomplishment of these key activities. The PMB Annual Update, implemented in September 2013, and subsequent approved BCRs define CHPRC planning with respect to TPA milestones. The following table is a one year look ahead of TPA enforceable milestones, non-enforceable target due dates and commitments.

Number	Title	Type	Due Date	Actual Date	Forecast Date	Status/ Comment
M-015-76	Install additional wells monitoring network as specified in revised 100-BC-1, 2 and 5 RI/FS Work Plan/SAP	TPA	2/28/14		2/28/14	On schedule
M-015-112	Submit Draft B, 200-IS-1 Operable Unit Pipeline System Waste Sites RFI/CMS/RI/FS Work Plan to Ecology	TPA	2/28/14			On November 15, 2013, a draft TPA Change Package was provided to Ecology to adjust the milestone due date to the end of fiscal year 2014. On December 3, 2013, Ecology responded and disapproved the milestone extension citing lack of good cause. On December 10, 2013, RL evoked TPA dispute resolution and requested an extension to resolve issues at the Project Manager level. On January 3, 2014, Ecology agreed to extend the dispute period to February 14, 2014. Discussions are currently ongoing.

Number	Title	Type	Due Date	Actual Date	Forecast Date	Status/ Comment
M-015-113	Submit Draft B, 200-SW-2 Radioactive Landfills Group RFI/CMS/RI/FS Work Plan to Ecology	TPA	2/28/14			On November 15, 2013, a draft TPA Change Package was provided to Ecology to adjust the milestone due date to the end of fiscal year 2014. On December 3, 2013, Ecology responded and disapproved the milestone extension citing lack of good cause. On December 10, 2013, RL evoked TPA dispute resolution and requested an extension to resolve issues at the Project Manager level. On January 3, 2014, Ecology agreed to extend the dispute period to February 14, 2014. Discussions are currently ongoing.
M-091-40L-041	PMM Submittal Oct-Dec 1st Qtr. FY2014 Burial Ground Sample Results	TPA	3/15/14		3/15/14	On schedule
M-024-58G	Initiate Discussions of Well Commitments	TPA	6/1/14		6/1/14	On schedule
M-091-40L-042	PMM Submittal Jan-Mar 2nd Qtr. FY2014 Burial Ground Sample Results	TPA	6/15/14		6/15/14	On schedule
M-037-02	Submit Revised Closure Plans for Five Specified TSD Units	TPA	6/30/14			Milestone is not funded in FY2014 and RL will self-perform.
M-024-65-T01	Conclude Discussions of Well Commitments	TPA	8/1/14		8/1/14	On schedule
M-091-40L-043	PMM Submittal Apr-Jun 3rd Qtr. FY2014 Burial Ground Sample Results	TPA	9/15/14		9/15/14	On schedule
M-015-38B	Submit Revised FS & PP for CW-1, -CW-3, & OA-1	TPA	10/30/14			Milestone is not funded in FY2014 and will be replanned as part of upcoming agency discussions.
M-91-40L-044	PMM Submittal Jul-Sep 4th Qtr. FY2014 Burial Ground Sample Results	TPA	12/15/14		12/15/14	On schedule

Number	Title	Type	Due Date	Actual Date	Forecast Date	Status/ Comment
M-024-65	DOE Shall Complete Construction of all Wells Listed	TPA	12/31/14		12/31/14	On schedule

SELF-PERFORMED WORK

The Section H.20 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
Vice President and
Project Manager for
Decommissioning, Waste,
Fuels, and Remediation
Services (DWF&RS)

January 2014
CHPRC-2014-01, Rev. 0
Contract DE-AC06-08RL14788
Deliverable C.3.1.3.1 - 1

PROJECT SUMMARY

The inactive Central Plateau facilities and Radiation Areas Remedial Action (RARA) sites continue to be compliantly maintained in a low-cost surveillance and maintenance condition. The project performed Waste Information Data System (WIDS) waste site housekeeping (tumbleweed removal, correcting posting issues), conducted 84 radiological facility surveillances, and completed 16 preventive maintenance (PM) activities. The project also continued site prep for PUREX Tank 11 asbestos abatement.

EMS Objectives and Target Status

Objective #	Objective	Target	Due Date	Status
14-EMS-DWF&RS-OB1-T1	Conserve resources and reduce the generation and/or toxicity of waste at the source.	Continue inspection and management review of material and equipment storage areas at frequencies determined necessary by line management to assure continued protection of property from loss, deterioration, or damage.	09/30/14	On Schedule

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	1	2	• 1/13/14 - Employee reported injury due to repetitive tasks of assembling desks, cabinets and counter tops. Body part affected: Shoulder (23289)
Near-Misses	0	0	N/A

KEY ACCOMPLISHMENTS

- Performed Waste Information Data System (WIDS) waste site housekeeping (tumbleweed removal, corrected posting issues)
- Completed 400, 600, and 1100 Areas WIDS waste site annual surveillances:
  - 84 radiological facility surveillances
  - 16 preventive maintenance (PM) activities
- Continued site prep for PUREX Tank 11 asbestos abatement

MAJOR ISSUES

None at this time.

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.
D4-064: Aging Building Systems/Components	The facilities have been placed in Surveillance and Maintenance mode. Perform as-scheduled maintenance activities. Perform appropriate regulatory agency and DOE notifications for system failures or prolonged outage. Continually evaluate system maintenance frequencies.			Develop prioritization planning for investigation of elevated contamination, disposition of at-risk equipment and materials, and corrective maintenance for PUREX and REDOX should additional funding become available.
D4-067: Increased Asbestos Abatement	Minimal pre-mitigation is possible. Conduct asbestos abatement to maintain a safe and complaint work site.			Developing prioritization of abandoned steam line removal sections should additional funding become available.

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	1.4	0.9	0.7	(0.4)	-31.9%	0.2	21.4%

Numbers are rounded to the nearest $0.1M

CM Schedule Performance: (-$0.4M/-31.9%)
Variance is within threshold.

CM Cost Performance: (+$0.2M/+21.4%)
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	380.0	379.4	349.8	(0.5)	-0.1%	29.6	7.8%	482.7	450.9	31.8

Numbers are rounded to the nearest $0.1M

CTD Schedule Performance: (-$0.5M/-0.1%)
Variance is within threshold.

CTD Cost Performance: (+$29.6M/+7.8%)
The favorable cost variance is due to prior year activity that has been previously reported including:

- ARRA-funded work scope included efficiencies with Program Management ($2.6M), Cold and Dark and Characterization/Waste Identification Form teams ($4.0M), lower than planned capital equipment costs ($3.0M) and efficiencies with Arid Lands Ecology (ALE) ($3.7M), North Slope Facilities ($1.2M), disposition of railcars D&D ($2.1M), and Industrial 7 Project ($3.6M); this is offset by increased material and equipment costs, unexpected asbestos levels, and schedule delays in other ARRA D4 Projects ($-15.3M). Efficiencies in Outer Area Waste Sites ($6.7M) are primarily due to Remove, Treat, and Dispose (RTD) O-Zone Waste Sites, ERDF passback which includes the operational efficiencies associated with use of the super dump truck. In addition, under runs in overhead allocation and Usage Based Services ($7.3M) contributed to the favorable cost variance.
- The remaining CTD favorable cost variance in base-funded work is due to efficiencies for waste site remediation and D4 activities as a result of utilization of existing site equipment and less resources ($1.3M), S&M costs less than expected ($3.9M), U Plant completion of the sampling of Cell 30 with less resources than planned ($1.1M), Program Management utilizing less resources ($3.0M) and under run in overhead allocations ($1.4M).

Estimate at Completion (EAC)
The BAC and EAC include FY2009 through FY2018.

Contract Performance Report Formats are provided in Appendix A.

FUNDS vs. SPEND FORECAST ($M)

	FY2014		
WBS 040/RL-0040 Nuclear Facility D&D	Projected Funding	Spending Forecast	Spend Variance
RL-0040	13.2	12.8	0.4

Numbers are rounded to the nearest $0.1M.

Funds/Variance Analysis
Compared with the prior month, FY2014 Projected Funding changed from $11.1M to $13.2M per revised FY2014 work authorization received from DOE-RL on January 30, 2014, which provided an additional $36M from previous guidance. The change in FY2014 Spending Forecast from $10.8M to $12.8M is primarily driven by approved buy-back scope for Steam Line Removal, Canyon Facility Risk Mitigation, and Demo Prep of Construction Forces Facilities.

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.20 clause entitled, “Self-Performed Work,” is addressed in the 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

L. T. Blackford
Vice President and
Project Manager for
Decommissioning, Waste,
Fuels, and Remediation
Services (DWF&RS)

January 2014
CHPRC-2014-01, Rev. 0
Contract DE-AC06-08RL14788
Deliverable C.3.1.3.1 - 1

PROJECT SUMMARY

Continued planning for asbestos abatement in the 165KE. Completed routine surveillances. Initiated planning for 105KE roof repairs necessary as a result of high winds in early January.

EMS OBJECTIVES AND TARGET STATUS

Objective #	Objective	Target	Due Date	Status
14-EMS-DWF&RS-OB1-T1	Conserve resources and reduce the generation and/or toxicity of waste at the source.	Continue inspection and management review of material and equipment storage areas at frequencies determined necessary by line management to assure continued protection of property from loss, deterioration, or damage.	09/30/14	On Schedule

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	0	N/A
Near-Misses	0	0	N/A

KEY ACCOMPLISHMENTS

- Continue planning for asbestos abatement in 165KE
- Completed Surveillances
  - o Radiological – 16
  - o WIDS – 12

MAJOR ISSUES

Issue:
As a result of high winds on January 11, 2014, the roof structure over the "C" elevator counter weight area was blown off at 105KE Reactor. The section of roof that was removed left a hole approximately 2'x9'.

Corrective Action:
The roof that has been removed will be repaired to eliminate any biological or environmental issues.

Status:
The Project has engaged Project Technical Services for this work scope. Work is in the planning stage, repair development, schedule and cost.

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				
WSR-047: Unforeseen Waste Site Event	Perform routine surveillances and maintenance of waste sites including herbicide application.			No concerns.
KBC-043: Waste Site Remediation Completion Requirements	Regulator acceptance that cleanup criteria have been achieved on a waste site by waste site basis. The Project may be directed to install monitoring wells to determine if contamination is detected in ground water.			Evaluating the acceleration of installation of installation of 100K Characterization boreholes.
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.			No concerns.
KBC-ISS-004: Unforeseen Facility Event Impacts Safety or Environment	The ISMS processes and facility worker training will identify and correct weaknesses such that hazards are eliminated prior to an event. However, some events are unpredictable.			In January, sustained high winds were experienced at the 100-K Area. The winds caused damage to both the K-East Reactor and the K-West Reactor roof. Additionally, parking lot light poles were blown over. Investigations are underway to determine extent of condition and repair/patch/cover to prevent further degradation and intrusion.

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	0.7	0.7	0.1	(0.0)	-0.0%	0.5	79.4%
Numbers are rounded to the nearest $0.1M							

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

The variance is within reporting threshold.

CM Cost Performance (+$0.5M/+79.4%)

The variance is primarily due to implementation of planned efficiencies, coupled with labor utilization rates below plan.

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	304.0	304.0	280.5	0.0	0.0%	23.5	7.7%	390.5	366.4	24.0

Numbers are rounded to the nearest $0.1M

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

The schedule variance is within threshold.

CTD Cost Performance (+$23.5M/+7.7%)

The positive CTD cost variance is primarily the result of prior year activity that 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)

	FY2014		
WBS 041/RL-0041 Nuclear Facility D&D – River Corridor	Projected Funding	Spending Forecast	Spend Variance
RL-0041	10.1	9.1	1.0

Numbers are rounded to the nearest $0.1M.

Funds/Variance Analysis:

Compared with the prior month, FY2014 Projected Funding changed from $7.6M to $10.1M per revised FY2014 work authorization received from DOE-RL on January 30, 2014, which provided an additional $36M from previous guidance. The change in FY2014 Spending Forecast from $7.3M to $9.1M is primarily driven by approved buy-back scope for 100K Characterization (Boreholes) and 105KE Roof Repair.

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.20 clause entitled, “Self-Performed Work,” is addressed in the 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
Vice President and
Project Manager for
Decommissioning, Waste,
Fuels, and Remediation
Services (DWF&RS)

January 2014
CHPRC-2014-01, 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.

EMS OBJECTIVES AND TARGET STATUS

Objective #	Objective	Target	Due Date	Status
14-EMS-DWF&RS-OB1-T1	Conserve resources and reduce the generation and/or toxicity of waste at the source.	Continue inspection and management review of material and equipment storage areas at frequencies determined necessary by line management to assure continued protection of property from loss, deterioration, or damage.	9/30/14	On Schedule

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	0	N/A
Near-Misses	0	0	N/A

KEY ACCOMPLISHMENTS

- Completed
  - 400 Area Septic System
    - Installation and backfilling of utility lines, distribution valving and the air vacuum relief valve from the tank to the drain field
    - Leak testing from the newly installed manhole to the new septic tank
    - System electrical installation
  - Four PM activities/operational surveillances
  - Four radiological surveillances
  - Corrective Actions to bring Building 402 signage up to the life safety (Fire Hazard Analysis) and National Fire Protection Association (NFPA) 804 and 702 requirements

MAJOR ISSUES

Issue – Due to the configuration of the storage location, biological hazards are an issue at the 440 pad, which stores universal waste and a variety of chemicals.
Corrective Action – Relocate material to a suitable covered location.
Status – Material will be relocated to Building 4802 when resources are available.

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.
FFTF-014: Disposition of FFTF Waste Water	Work with DOE and regulatory agencies for design and operational requirements. Place requirements into sub-contracted statement of work for new sewer system. Incorporate on-going maintenance and interface items into out –year planning documents with CHPRC and MSA (as appropriate).			Working closure items on FFTF sewer isolation project.

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	0.2	(0.0)	-2.0%	(0.0)	-16.6%

Numbers are rounded to the nearest $0.1M

CM Schedule Performance: (-$0.0M/-2.0%)
The current period schedule variance is within thresholds.

CM Cost Performance: (-$0.0M/-16.6%)
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	16.8	16.7	14.3	(0.0)	-0.2%	2.4	14.5%	26.5	24.1	2.3

Numbers are rounded to the nearest $0.1M

CTD Schedule Performance (-$0.0M/-0.2%)
The schedule variance is within reporting thresholds.

CTD Cost Performance (+$2.4M/+14.5%)
The favorable CTD cost variance reflects efficient use of resources to support deactivation activities.

Estimate at Completion (EAC)
The BAC and EAC include FY2009 through FY2018, the PRC contract period.

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

Contract Performance Report Formats are provided in Appendix A.

FUNDS VS. SPEND FORECAST ($M)

	FY2014		
RL-0042 FFTF Closure	Projected Funding	Spending Forecast	Spend Variance
RL-0042	2.3	1.7	0.6

Numbers are rounded to the nearest $0.1M

Funds Analysis
Compared with the prior month, FY2014 Projected Funding remained at $2.3M per revised FY2014 work authorization received from DOE-RL on January 30, 2014, which provided an additional $36M from previous guidance. The change in FY2014 Spending Forecast from $2.2M to $1.7M is primarily driven by anticipated efficiencies through shared resources and actual underruns realized to date.

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.20 clause entitled, “Self-Performed Work,” is addressed in the 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

January 2014
CHPRC-2014-01, 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) 2013 / 12 / 23
b. LOCATION (Address and ZIP Code) Richland, WA	b. NUMBER RL14788		b. PHASE	b. TO (YYYYMMDD) 2013 / 01 / 26
	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
	5,467,247	7,837	227,769	5,695,016	5,544,593	5,695,016	5,544,593	

6. ESTIMATED COST AT COMPLETION

7. AUTHORIZED CONTRACTOR REPRESENTATIVE

	MANAGEMENT ESTIMATE AT COMPLETION (1)	CONTRACT BUDGET BASE (2)	VARIANCE (3)
a. BEST CASE	5,242,301		
b. WORST CASE	5,439,131		
c. MOST LIKELY	5,316,824	5,475,085	158,260

a. NAME (Last, First, Middle Initial): Corman, R. K.
b. TITLE: Prime Contract Manager
c. SIGNATURE
d. DATE SIGNED: 1/26/2013

8. PERFORMANCE DATA

WBS[1] ITEM (1)	CURRENT PERIOD: BUDGETED COST WORK SCHEDULED (2)	CURRENT PERIOD: BUDGETED COST WORK PERFORMED (3)	CURRENT PERIOD: ACTUAL COST WORK PERFORMED (4)	CURRENT PERIOD: VARIANCE SCHEDULE (5)	CURRENT PERIOD: VARIANCE COST (6)	CUMULATIVE TO DATE: BUDGETED COST WORK SCHEDULED (7)	CUMULATIVE TO DATE: BUDGETED COST WORK PERFORMED (8)	CUMULATIVE TO DATE: ACTUAL COST WORK PERFORMED (9)	CUMULATIVE TO DATE: VARIANCE SCHEDULE (10)	CUMULATIVE TO DATE: VARIANCE COST (11)	REPROGRAMMING ADJUSTMENTS: COST VARIANCE (12a)	REPROGRAMMING ADJUSTMENTS: SCHEDULE VARIANCE (12b)	REPROGRAMMING ADJUSTMENTS: BUDGET (13)	AT COMPLETION: BUDGETED (14)	AT COMPLETION: ESTIMATED (15)	AT COMPLETION: VARIANCE (16)
011 RL-11 NM Stabilization and Disposition PFP	10,047	8,739	7,837	(1,308)	902	655,539	640,840	671,576	(14,699)	(30,736)	0	0	0	932,506	957,246	(24,740)
012 RL-12 SNF Stabilization and Disposition	4,883	5,282	5,472	399	(190)	399,843	399,871	408,690	29	(8,819)	0	0	0	690,567	708,949	(18,381)
013 RL-13 Solid Waste Stabilization & Disposition	7,310	7,413	5,486	103	1,927	816,344	816,493	794,793	149	21,700	0	0	0	1,325,415	1,256,284	69,131
030 RL-30 Soil & Wtr Remediatn Grndwtr/Vadose Zone	8,863	8,769	7,762	(93)	1,008	935,152	933,415	927,031	(1,736)	6,385	0	0	0	1,489,522	1,478,339	11,183
040 RL-40 Nuclear Facility D&D Remainder of Hanford	1,372	934	734	(438)	200	379,961	379,414	349,787	(547)	29,627	0	0	0	482,726	450,892	31,833
041 RL-41 Nuclear Facility D&D - River Corridor	663	663	136	0	527	304,044	304,045	280,521	1	23,524	0	0	0	390,453	366,443	24,011
042 RL-42 FFTF Closure	213	208	243	(4)	(35)	16,758	16,717	14,300	(40)	2,417	0	0	0	26,473	24,149	2,324
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	**33,352**	**32,009**	**27,671**	**(1,343)**	**4,338**	**3,507,641**	**3,490,797**	**3,446,699**	**(16,844)**	**44,098**	0	0	0	**5,337,663**	**5,242,301**	**95,362**
f. Management Reserve														74,523		
g. Total	**33,352**	**32,009**	**27,671**	**(1,343)**	**4,338**	**3,507,641**	**3,490,797**	**3,446,699**	**(16,844)**	**44,098**	0	0	0	**5,412,186**		
9. Reconciliation to CBB																
a. Variance Adjustment																
b. Total Contract Variance									**(16,844)**	**44,098**				**5,412,186**	**5,242,301**	**169,885**

Block 5a-h differences, if any, to B.4-1 Table values are addressed by in-process BCR(s).

FORMAT 2, DD FORM 2734/2, ORGANIZATIONAL CATEGORIES

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) 2013 / 12 / 23
b. LOCATION (Address and ZIP Code) Richland, WA	b. NUMBER RL14788		b. PHASE	b. TO (YYYYMMDD) 2013 / 01 / 26
	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)	CURRENT PERIOD: BUDGETED COST WORK PERFORMED (3)	CURRENT PERIOD: ACTUAL COST WORK PERFORMED (4)	CURRENT PERIOD: VARIANCE SCHEDULE (5)	CURRENT PERIOD: VARIANCE COST (6)	CUMULATIVE TO DATE: BUDGETED COST WORK SCHEDULED (7)	CUMULATIVE TO DATE: BUDGETED COST WORK PERFORMED (8)	CUMULATIVE TO DATE: ACTUAL COST WORK PERFORMED (9)	CUMULATIVE TO DATE: VARIANCE SCHEDULE (10)	CUMULATIVE TO DATE: VARIANCE COST (11)	REPROGRAMMING ADJUSTMENTS: COST VARIANCE (12a)	REPROGRAMMING ADJUSTMENTS: SCHEDULE VARIANCE (12b)	REPROGRAMMING ADJUSTMENTS: BUDGET (13)	AT COMPLETION: BUDGETED (14)	AT COMPLETION: ESTIMATED (15)	AT COMPLETION: VARIANCE (16)
34 - Environmental Prog & Strategic Planning																
030.2 - Envr Prog & Strategic Planning	496	496	422	0	74	43,954	43,954	40,285	0	3,669	0	0	0	82,660	78,524	4,135
	496	**496**	**422**	**0**	**74**	**43,954**	**43,954**	**40,285**	**0**	**3,669**	**0**	**0**	**0**	**82,660**	**78,524**	**4,135**
36 - Prime Contract & Project Integration																
011.7W - PRC WFR	0	0	182	0	(182)	2,206	2,206	2,836	0	(630)	0	0	0	2,206	2,836	(630)
012.7W - PRC WFR	0	0	72	0	(72)	1,488	1,488	1,436	0	52	0	0	0	1,488	1,436	52
013.7W - PRC WFR	0	0	139	0	(139)	1,946	1,946	2,321	0	(374)	0	0	0	1,946	2,321	(374)
030.7W - PRC WFR	0	0	131	0	(131)	1,895	1,895	1,864	0	30	0	0	0	1,895	1,864	30
040.7W - PRC WFR	0	0	15	0	(15)	253	253	287	0	(34)	0	0	0	253	287	(34)
041.7W - PRC WFR	0	0	4	0	(4)	358	358	247	0	112	0	0	0	358	247	112
042.7W - PRC WFR	0	0	7	0	(7)	37	37	47	0	(9)	0	0	0	37	47	(9)
	0	**0**	**550**	**0**	**(550)**	**8,184**	**8,184**	**9,038**	**0**	**(853)**	**0**	**0**	**0**	**8,184**	**9,038**	**(853)**
38 - Project Technical Services																
030.3 - EPC - Groundwater	0	0	(178)	0	178	273,050	273,050	292,792	0	(19,742)	0	0	0	273,050	292,792	(19,742)
	0	**0**	**(178)**	**0**	**178**	**273,050**	**273,050**	**292,792**	**0**	**(19,742)**	**0**	**0**	**0**	**273,050**	**292,792**	**(19,742)**
3B - PFP Closure																
011.1 - Plutonium Finishing Plant	10,047	8,739	7,655	(1,308)	1,083	570,292	555,593	592,552	(14,699)	(36,959)	0	0	0	847,259	878,222	(30,963)
011.9P - Relocation and Contract Proposal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
011.9R - Ramp/Transition - IRM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
011.9T - Ramp Up/Transition - Training	0	0	(0)	0	0	0	0	0	0	0	0	0	0	0	0	0
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
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)
011.A2 - PSD R & RP	0	0	0	0	0	950	950	1,230	0	(280)	0	0	0	950	1,230	(280)
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
	10,047	**8,739**	**7,655**	**(1,308)**	**1,083**	**653,333**	**638,634**	**668,739**	**(14,699)**	**(30,105)**	**0**	**0**	**0**	**930,300**	**954,410**	**(24,110)**
3C - W&FMP/D&D Project																
012.1 - 100 K Area Project	1,862	1,856	1,734	(7)	121	152,108	152,096	147,766	(12)	4,330	0	0	0	263,320	259,035	4,285
012.2 - Sludge Treatment Project	3,021	3,426	3,666	405	(240)	193,826	193,866	207,252	40	(13,386)	0	0	0	373,338	396,242	(22,903)
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
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
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)
012.A3 - PSD WFR	0	0	0	0	0	22	22	22	0	0	0	0	0	22	22	0
013.1 - Waste Management	7,310	7,413	5,347	103	2,066	709,476	709,625	686,700	149	22,925	0	0	0	1,218,547	1,148,190	70,357
013.9F - Ramp Up/Transition - Fac	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
013.9P - Relocation and Contract Proposal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
013.9R - Ramp Up/Transition - IRM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
013.9T - Ramp Up/Transition - Training	0	0	(0)	0	0	(0)	(0)	0	0	(0)	0	0	0	(0)	0	(0)
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
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)
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)
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
040.1 - PRC D&D	500	52	45	(448)	6	192,210	191,669	187,925	(541)	3,743	0	0	0	226,456	222,698	3,757
040.2 - D&D Fac Waste Site Remediation	0	0	0	0	(0)	67,594	67,594	60,123	0	7,471	0	0	0	88,382	81,159	7,223
040.9F - Ramp Up/Transition - Fac	0	0	0	0	0	(0)	(0)	0	0	(0)	0	0	0	(0)	0	(0)
040.9P - Relocation and Contract Proposal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
040.9R - Ramp Up/Transition - IRM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
040.9T - Ramp Up/Transition - Training	0	0	(0)	0	0	0	0	0	0	0	0	0	0	0	0	0
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
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
040.A2 - PSD R&RP	0	0	0	0	0	1,076	1,076	705	0	371	0	0	0	1,076	705	371
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
041.1 - River Zone	663	663	132	0	531	251,152	251,152	237,001	1	14,152	0	0	0	337,561	322,923	14,638
041.9F - Ramp Up/Transition - Fac	0	0	0	0	0	(0)	(0)	0	0	(0)	0	0	0	(0)	0	(0)
041.9P - Relocation and Contract Proposal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
041.9R - Ramp Up/Transition - IRM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
041.9T - Ramp Up/Transition - Training	0	0	(0)	0	0	0	0	0	0	0	0	0	0	0	0	0
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
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
041.A2 - PSD R&RP	0	0	0	0	0	854	854	604	0	250	0	0	0	854	604	250
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
042.1 - FFTF	213	208	236	(4)	(27)	15,117	15,076	12,739	(40)	2,337	0	0	0	24,832	22,588	2,245
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
042.A2 - PSD R&RP	0	0	0	0	0	0	0	22	0	(22)	0	0	0	0	22	(22)
040.3 - PRC Fac & Waste Site Maint	872	882	674	10	209	48,638	48,632	43,268	(6)	5,364	0	0	0	96,368	88,564	7,804
	14,442	**14,501**	**11,835**	**59**	**2,666**	**1,912,868**	**1,912,458**	**1,843,755**	**(409)**	**68,703**	**0**	**0**	**0**	**2,911,551**	**2,802,379**	**109,172**
3D - Soil & Groundwater Remediation																
030.1 - Soil & GW Remediation	8,367	8,273	7,387	(93)	887	520,333	518,596	488,943	(1,736)	29,654	0	0	0	1,035,998	1,002,011	33,987
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)
030.9P - Relocation and Contract Proposal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
030.9R - Ramp Up/Transition - IRM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
030.9T - Ramp Up/Transition - Training	0	0	0	0	0	0	0	0	0	(0)	0	0	0	(0)	0	(0)
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)
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)
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)
	8,367	**8,273**	**7,387**	**(93)**	**887**	**616,253**	**614,517**	**592,089**	**(1,736)**	**22,427**	**0**	**0**	**0**	**1,131,918**	**1,105,158**	**26,760**
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	**33,352**	**32,009**	**27,671**	**(1,343)**	**4,338**	**3,507,641**	**3,490,797**	**3,446,699**	**(16,844)**	**44,098**	**0**	**0**	**0**	**5,337,663**	**5,242,301**	**95,362**
f. Management Resrv.														74,523		
g. Total	**33,352**	**32,009**	**27,671**	**(1,343)**	**4,338**	**3,507,641**	**3,490,797**	**3,446,699**	**(16,844)**	**44,098**	**0**	**0**	**0**	**5,412,186**		

FORMAT 3, DD FORM 2734/3, BASELINE

CONTRACT PERFORMANCE REPORT

FORMAT 3 - BASELINE

DOLLARS IN THOUSANDS

Form Approved

OMB No. 0704-0188

1. CONTRACTOR	2. CONTRACT	3. PROGRAM	4. REPORT PERIOD
CH2M HILL Plateau Remediation Company	a. NAME: Plateau Remediation Contract	a. NAME: Plateau Remediation Contract	a. FROM: 2013/12/23
b. LOCATION:	b. NUMBER: RL14788	b. PHASE	b. TO: 2014/01/26
Richland, WA	c. TYPE: CPAF	c. EVMS ACCEPTANCE	
	d. SHARE RATIO:	NO YES X 9/18/2009	

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	$1,154,881	$5,467,247	$7,837	$5,475,085	$5,412,186	$62,899

h. CONTRACT START DATE	i. DEFINITIZATION DATE	j. PLANNED COMPL DATE	k. CONT COMPLETION DATE
6/19/2008	6/19/2008	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 Feb-14	+2 Mar-14	+3 Apr-14	+4 May-14	+5 Jun-14	+6 Jul-14	FY09-13	FY14	FY15	FY16	FY17	FY18	UNDISTRIB BUDGET	TOTAL BUDGET
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
a. PM BASELINE																
(BEGIN OF PERIOD)	**3,474,289**	**25,654**	**28,061**	**29,656**	**28,668**	**36,150**	**28,701**	**29,134**	**3,391,477**	**373,348**	**425,358**	**418,722**	**358,631**	**369,454**	**0**	**5,336,991**
b. BASELINE CHANGES AUTH DURING REPORT PERIOD																
BCR-013-14-006R0 - WRAP Fac Dormant, ETF Heat Exchanger Proc Prep										(25)	25					0
BCR-013-14-007R0 - Part B Permit Phase 2 STG Support/CO239 NTE										308						308
BCR-030-14-002R0 - CO 246 NTE for 200-UP-1 Tech Feas Eval										365						365
BCR-030-14-003R0 - Incorporate 200-PW-1 RCR Comments										25	(25)					(0)
BCRA-030-14-004R0 - 100-BC-5 Lab Analysis Cost Segregation										0						0
c. PM BASELINE (END OF PERIOD)	**3,507,641**	**33,352**	**28,306**	**29,759**	**28,751**	**36,157**	**28,706**	**29,139**	**3,391,477**	**374,020**	**425,359**	**418,722**	**358,631**	**369,454**	**0**	**5,337,663**
7. MANAGEMENT RESERVE																**74,523**
8. TOTAL																**5,412,186**

Block 5.g "Difference" is attributable to net delta of NTEs, G&A Allocations, B4 Table adjustments, and BCRs processed.

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) 2013 / 12 / 23
b. LOCATION (Address and ZIP Code) Richland, WA	b. NUMBER RL14788		b. PHASE	b. TO (YYYYMMDD) 2014 / 01 / 26
	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 (1)	ACTUAL CURRENT PERIOD (2)	ACTUAL END OF CURRENT PERIOD (Cumulative) (3)	FORECAST (Non-Cumulative) SIX MONTH FORECAST +1 Feb (4)	+2 Mar (5)	+3 Apr (6)	+4 May (7)	+5 Jun (8)	+6 Jul (9)	SPECIFIED PERIODS REM FY14 (12)	FY15-18 (13)	AT COMPLETION (15)
300 - Office of the President											
000.00 - Office of the President	5	388	5	5	5	5	5	5	11	252	681
	5	**388**	**5**	**5**	**5**	**5**	**5**	**5**	**11**	**252**	**681**
303 - Internal Audit											
000.03 - Internal Audit	3	274	4	4	4	4	4	4	8	192	498
	3	**274**	**4**	**4**	**4**	**4**	**4**	**4**	**8**	**192**	**498**
304 - General Counsel											
000.04 - General Counsel	4	261	4	4	4	4	4	4	8	192	485
	4	**261**	**4**	**4**	**4**	**4**	**4**	**4**	**8**	**192**	**485**
31 - Communications & Outreach											
000.1 - Communications & Outreach	6	645	8	8	7	7	7	7	14	336	1,039
	6	**645**	**8**	**8**	**7**	**7**	**7**	**7**	**14**	**336**	**1,039**
32 - Safety, Health, Security & Quality											
000.2 - Safety, Health, Security, & Quality	46	4,747	53	55	55	55	55	54	111	2,706	7,891
	46	**4,747**	**53**	**55**	**55**	**55**	**55**	**54**	**111**	**2,706**	**7,891**
34 - Environmental Prog & Strategic Planning											
000.4 - Environmental Prog & Strategic Planning	15	1,289	19	19	20	20	21	20	41	982	2,431
030.2 - Envr Prog & Strategic Planning	16	1,712	18	20	20	20	20	19	40	1,309	3,178
	31	**3,001**	**37**	**39**	**40**	**40**	**41**	**39**	**81**	**2,291**	**5,609**
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	53	4,209	56	57	57	57	57	54	113	2,773	7,433
000.8A - CFO Tax & HO	0	0	0	0	0	0	0	0	0	0	0
	53	**5,511**	**56**	**57**	**57**	**57**	**57**	**54**	**113**	**2,773**	**8,735**
36 - Prime Contract & Project Integration											
000.7 - Contract and Baseline Management	28	2,174	34	34	35	35	35	33	69	1,775	4,224
000.9 - Chief Information Officer	9	768	9	9	9	9	9	9	18	432	1,272
011.7W - PRC WFR	0	0	0	0	0	0	0	0	0	0	0
	37	**2,942**	**43**	**43**	**44**	**44**	**44**	**42**	**87**	**2,207**	**5,496**
38 - Project Technical Services											
000.F - Eng/Procurement & Construction	16	1,474	19	18	19	19	18	17	35	831	2,450
000.T - Proj Tech Svcs	13	1,710	15	15	15	15	15	15	29	696	2,525
030.3 - EPC - Groundwater	1	3,638	0	0	0	0	0	0	0	0	3,638
	30	**6,822**	**34**	**33**	**34**	**34**	**33**	**32**	**64**	**1,527**	**8,613**
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	339	33,479	353	376	390	392	399	397	805	8,734	45,325
011.9P - Relocation and Contract Proposal	0	0	0	0	0	0	0	0	0	0	0
011.9T - Ramp Up/Transition - Training	0	15	0	0	0	0	0	0	0	0	15
011.A1 - Project Specific Distributables	0	1	0	0	0	0	0	0	0	0	1
	339	**33,495**	**353**	**376**	**390**	**392**	**399**	**397**	**805**	**8,734**	**45,341**
3C - W&FMP/D&D Project											
012.1 - 100 K Area Project	79	8,031	96	96	96	96	96	91	191	4,336	13,129
012.2 - Sludge Treatment Project	64	7,060	66	64	64	64	64	62	127	4,660	12,231
013.1 - Waste Management	256	35,772	264	269	269	269	264	263	537	15,008	52,915
013.9F - Ramp Up/Transition - Fac	0	1	0	0	0	0	0	0	0	0	1
013.9P - Relocation and Contract Proposal	0	0	0	0	0	0	0	0	0	0	0
013.9T - Ramp Up/Transition - Training	0	11	0	0	0	0	0	0	0	0	11
013.A1 - Project Specific Distributables	0	0	0	0	0	0	0	0	0	0	0
013.A2 - PSD R&RP	0	0	0	0	0	0	0	0	0	0	0
013.A3 - PSD WFR	0	0	0	0	0	0	0	0	0	0	0
040.1 - PRC D&D	1	7,537	6	11	11	12	0	0	0	1,211	8,788
040.2 - D&D Fac Waste Site Remediation	0	1,341	0	0	0	0	0	0	0	495	1,836
040.3 - PRC Fac & Waste Site Maint	32	2,671	35	45	43	34	34	34	73	1,709	4,678
040.9F - Ramp Up/Transition - Fac	0	2	0	0	0	0	0	0	0	0	2
040.9P - Relocation and Contract Proposal	0	0	0	0	0	0	0	0	0	0	0
040.9T - Ramp Up/Transition - Training	0	18	0	0	0	0	0	0	0	0	18
040.A - Proj Services & Support	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
041.1 - River Zone	5	7,017	8	23	25	25	42	41	77	2,644	9,902
041.9F - Ramp Up/Transition - Fac	0	1	0	0	0	0	0	0	0	0	1
041.9P - Relocation and Contract Proposal	0	0	0	0	0	0	0	0	0	0	0
041.9T - Ramp Up/Transition - Training	0	13	0	0	0	0	0	0	0	0	13
042.1 - FFTF	8	679	5	9	4	4	4	4	8	379	1,096
	445	**70,154**	**480**	**517**	**512**	**504**	**504**	**495**	**1,013**	**30,441**	**104,620**
3D - Soil & Groundwater Remediation											
030.1 - Soil & GW Remediation	233	19,475	271	275	277	295	332	306	563	13,224	35,018
030.9F - Ramp Up/Transition - Fac	0	272	0	0	0	0	0	0	0	0	272
030.9P - Relocation and Contract Proposal	0	0	0	0	0	0	0	0	0	0	0
030.9T - Ramp Up/Transition - Training	0	7	0	0	0	0	0	0	0	0	7
030.A1 - Project Specific Distributables	0	0	0	0	0	0	0	0	0	0	0
	233	**19,754**	**271**	**275**	**277**	**295**	**332**	**306**	**563**	**13,224**	**35,296**
Grand Totals:	**1,232**	**147,995**	**1,350**	**1,415**	**1,429**	**1,440**	**1,485**	**1,439**	**2,879**	**64,873**	**224,304**

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) 2013/12/23
b. LOCATION (Address and ZIP Code) Richland, WA 99354	b. NUMBER DE-AC06-08RL14788		b. PHASE Base	b. TO (YYYY/MM/DD) 2014/01/26
	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:	33,352	32,009	27,671	(1,343)	-4.0%	4,338	13.6%	0.96	1.16
Cumulative:	3,507,641	3,490,797	3,446,699	(16,845)	-0.5%	44,098	1.3%	1.00	1.01
	BAC	EAC	VAC in $	VAC in %	CPI to BAC	CPI to EAC			
At Complete:	5,337,663	5,242,301	95,362	1.8%	0.98	1.03			

Explanation of Variance/Description of Problem:

Current Period Schedule Variance: The Current Month Schedule Variance is within reporting thresholds.

Current Period Cost Variance: The Current Month Cost Variance is due to RL-0011 PFP Closure Project recognized efficiencies (i.e., lower than anticipated NDA values in the 234-5Z duct level) allowing for a larger amount of piping and ducting to be left in place for demolition, initiation of the D&D back-out plan and initiation of cold and dark activities resulting in less required system engineering support for maintenance of vital safety systems reducing required preventive maintenance activities. This is partially offset by impacts from a management safety pause to address compliance issues that have occurred in the past four months, increased labor to support DSA modifications (assumed one and working on three), and unplanned work associated with size reduction on Pencil Tank 38-Failed, in PRF. Also contributing to the variance were RL-0013 due to the implementation of planned efficiencies coupled with labor utilization rates below plan, and RL-0030 efficiencies in planned level of effort (LOE) activities allowed several resources to provide direct support to projects; lower than expected costs for Geophysical logging resulted from the small number of wells drilled during the first four months of FY2014.

Cumulative Schedule Variance: The Cumulative Schedule Variance is within reporting thresholds.

Cumulative Cost Variance: The Cumulative Cost Variance is within reporting thresholds.

Impact:

Current Period Schedule: No significant impacts have been identified.

Current Period Cost: Current period cost impacts are under evaluation for applicability to lifecycle EAC.

CTD Schedule: No significant impacts have been identified.

CTD Cost: No significant impacts have been identified.

Corrective Action:

Current Period Schedule: No Corrective Actions are required.

Current Period Cost: Corrective Actions are pending review of current period impacts, if any, on the lifecycle EAC.

CTD Schedule: No Corrective Actions are required.

CTD Cost: No Corrective Actions are required.

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

For January, the project is ~4.0% behind schedule and ~13.6% under planned cost. Schedule performance in January was primarily attributed to PFP. Re-sequencing work in the 242-Z Americium Facility, to align with the availability of D&D workers from another Hanford Contractor (Washington Closure Hanford) delaying preparations and initial entry activities in support of 242-Z. In addition the 234-5Z duct level work has been re-planned to align with an area vs. system approach and a change in the PFP demolition sequence changing the need for work in the duct level to start later in the Fiscal Year. Apportioned activities in the D&D Project Support account that align with the delays in discrete D&D work scope, primarily balance of 234-5Z work scope, and unforeseen issues with the removal, size reduction and waste packaging of PRF pencil tanks wherein the team encountered a larger amount of material than expected when size reducing Pencil Tank 38-Failed, are also contributing to this variance.

The Current Month Cost Variance is due to RL-0011 PFP Closure Project recognized efficiencies (i.e., lower than anticipated NDA values in the 234-5Z duct level) allowing for a larger amount of piping and ducting to be left in place for demolition, initiation of the D&D back-out plan and initiation of cold and dark activities resulting in less required system engineering support for maintenance of vital safety systems reducing required preventive maintenance activities. This is partially offset by impacts from a management safety pause to address compliance issues that have occurred in the past four months, increased labor to support DSA modifications (assumed one and working on three), and unplanned work associated with size reduction on Pencil Tank 38-Failed, in PRF. Also contributing to the variance were RL-0013 due to the implementation of planned efficiencies coupled with labor utilization rates below plan, and RL-0030 efficiencies in planned level of effort (LOE) activities that allowed several resources to provide direct support to projects coupled with lower than expected costs for Geophysical logging from the small number of wells drilled during the

first four months of FY2014.

Corrective actions underway for PFP, RL-0011 include continued utilization of HAMTC collective bargaining agreement Craft Alignment, which is trending to increased time on tools, starting to recognize increased time on respirator, which will ultimately result in increasing efficiencies and recovering the negative cost and schedule variances on the PFP project. CHPRC is also pursuing a significant change in the current PFP safety basis and criticality analysis, which if approved would allow an increase to the currently allowed fissile inventory for loading gloveboxes outside the facility. This is expected to reduce the time required to clean out some of the remaining high gram gloveboxes prior to shipment to W&FM for storage. These changes will also increase the efficiencies of future work activities and are expected to enable additional recovery of the cost and schedule variances seen to date. PFP is also refining the DSA to a D&D mode vs. an operations mode which will allow decommissioning of the facility through alternate means. Implementation of this refined strategy, assumes implementation of the previously noted proposed changes in the PFP safety basis and criticality analysis. This will result in re-sequencing demolition activities; stabilizing some materials with grout and other foam stabilizers; reconfiguring the ventilation system to isolate the PRF canyon from the rest of PFP and the provision of temporary ventilation to allow stabilization and removal of the duct level utilizing equipment rather than exposing workers to the difficult work environment found there. No other specific corrective actions are planned at this time.

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 +$95.4 million and +1.8% and is within reporting thresholds. The VACs for RL-0013, RL-0040 and RL-0041 increased primarily due to inclusion of planned efficiencies in FY2014 through FY2018. The VACs for other project baseline summaries (PBSs) are within the threshold limits of +or- 5% and +or- $15 million.

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

CPs - In Process		
	Total Authorized Unpriced Work	**$7,837.3**
Approved Adjustments to Contract Price (not reflected in B.4-1 Table)		
	Total Negotiated Cost Changes	**-**
	Grand Total Adjustments	**$7,837.3**

Use of Management Reserve (MR):

Management Reserve Utilization

BCR Number	Title	Fiscal Year	MR
N/A	*N/A*	2013-2018	$0.0

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 ACWP plus the ECWR or BCWR if greater 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), plus the scope identified in the Trend Log that is not in the EAC. The Best/Worst and Most Likely EAC values are documented in the Format 1 Report.

Prepared by:	**Date:**	**Approved by:**	**Date:**
Project Control Staff	2/18/2014		

Appendix B
Project Services and Support
(WBS 000)

CH2MHILL
Plateau Remediation Company

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Business Services
Chief Financial Officer

January 2014
CHPRC-2014-01, 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
14-EMS-ADMIN-OB1-T1	Reduce energy intensity.	Increase facility occupancy rates to greater than 85% by compressing occupancy and vacating underutilized facilities. Remove 10 facilities from active occupancy status. Consolidate at PFP and eliminate 8 trailers.	09/30/14	30%
14-EMS-ADMIN-OB1-T2	Reduce depletion of environmental resources through material recycling.	Make field-released material available for reuse. Recycle office supplies and furniture from the 10 facilities per OB1-T1.	09/30/14	30%
14-EMS-ADMIN-OB2-T1	Reduce the generation and/or toxicity of waste at the source.	Incorporate waste minimization language into greater than 80% of CHPRC onsite/offsite event contracts. Train staff on Zero Waste events.	09/30/14	25%
14-EMS-ADMIN-OB3-T1	Maximize the acquisition and use of environmentally preferable products in the conduct of operations.	Implement new RL direct funded office supply initiative with GSA. Establish green catalogues with GSA supplier.	04/30/14	15%
14-EMS-PCPI-OB1-T1	Reduce the generation and/or toxicity of waste at the source.	Reduce the number and types of printers supported and maintained by 80 total. Improve ability to manage printing. Reduce toner, ink, paper, and energy use.	09/30/14	94%
14-EMS-PCPI-OB2-T1	Reduce Green House Gas emissions by reducing vehicle miles traveled.	Transition CHPRC users to Thin Client workstations for energy and other cost savings measures during FY2014. Complete transition of 275 current computer desktop workstations to the environmentally friendly Thin Client environment.	09/30/14	60%
14-EMS-PTS-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.	09/30/14	28%

Objective #	Objective	Target	Due Date	Status
14-EMS-PTS-OB2-T1	Evaluate compliance with Universal Waste requirements and recycling efforts.	Ensure that PTS is adequately implementing Universal Waste accumulation and storage requirements, aerosol can recycling, and other forms of recycling efforts in an efficient and compliant manner. At the end of the year evaluate and develop trending and tracking effectiveness. Document in a MOP.	09/30/14	28%

TARGET ZERO PERFORMANCE

	Current Month	Rolling 12 Months	Comment
Days Away, Restricted or Transferred	0	1	N/A
Total Recordable Injuries	0	1	N/A
First Aid Cases	0	4	N/A
Near-Misses	0	0	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 and central management of crosscutting services. There were no SHS&Q Recordable injuries or First Aid cases during January. Occupational Safety and Industrial Hygiene (OS&IH) accomplishments:
  - Continued support of site-wide standards committees and site-wide steering committees.
  - The Chronic Beryllium Disease Prevention Program (CBDPP) Revision 2A has been approved by RL/Office of River Protection. CHPRC has received direction from RL to start implementation and a management plan is being developed to facilitate the process. The pilot project for the assessment and characterization of facilities is complete and a summary of the results has also been completed.
  - Supported the HPMC Physician Tour of selected facilities.
  - Continued partnering efforts with HPMC on reduction efforts for soft tissue injuries.
  - Incorporating the Technical Evaluation (TE) process into the IH Exposure Assessment procedure.
  - Continued support to Plutonium Finishing Plant (PFP) for use of the PremAire system to facilitate Deactivation & Decommissioning (D&D) activities in the Plutonium Reclamation Facility (PRF) canyon. PremAire equipment is at the Hanford Fire department and is being inventoried and barcoded. Maintenance training for the fire department personnel is

scheduled for February.
- Provided Senior Supervisor Oversight to PFP for backside work activities.
- Completed a turnover of the Technical Authority role for the hazard analysis process from Project Technical Services (PTS).
- Provided support to PTS for planned welding activities to ensure appropriate controls are in place for potential exposure to manganese and other hazardous substances.
- Working with Project Facility Chemical Custodians to complete qualification cards.
- Developing actions to increase compliance with use of Personal Protective Equipment.
- Received verbal recommendation for Voluntary Protection Program Star status; awaiting receipt of formal letter.
- Early planning is underway for the 2014 Hanford Safety Expo.

o Radiological Control accomplishments:
- Continued to support site-wide Radiological Control committees.
- Provided support to PFP Closure Project in the development of a Technical Equivalency for an alternate Administrative Control Level.
- Completed annual dosimetry exchange with minimal issues noted.
- Issued Technical Evaluation documenting field testing of lapel breathing zone air monitors at PFP.
- Held preparatory classes for National Registry of Radiation Protection Technologist certifications.

o Nuclear Safety deliverables prepared and transmitted to RL in January include:
- Documented Safety Analysis:
  - Letter, CHPRC-1305324, dated January 2, 2014, *CHPRC Transmittal of Plutonium Finishing Plant Positive Unreviewed Safety Question Related to 234-5Z Fire Barriers and Associated Evaluation of Safety of the Situation.*
  - Letter, CHPRC-1305388, dated January 2, 2014, *Annual Review of the Package-Specific Safety Document for Steel Drums, CHPRC-01039, Revision 1*.
  - Letter, CHPRC-1400152, January 23, 2014, *Transmittal of the 2014 Annual Update of the Fast Flux Test Facility Safety Basis and Unreviewed Safety Question Determination Summary*.
  - Email, January 23, 2014, *Transmitted CHPRC-02142, Rev. 0, 2014 PUREX Documented Safety Analysis Annual Update Criteria Document, to RL*.
  - Email, January 30, 2014, *Transmitted CHPRC-02149, Rev. 0, 2014 224-T Documented Safety Analysis Annual Update Criteria Document, to RL*.
  - Email, January 30, 2014, *Transmitted CHPRC-02148, Rev. 0, Criteria Document for Canister Storage Building 2014 Safety Basis Annual Update, to RL*.
- Letters received from others in January include:
  - Letter, 1400242A, January 14, 2014, *Common Carrier Permit*.

o Contractor Assurance Regulatory Reporting (CARR) accomplishments:
- 203 Condition Reports (CRs) were screened in December:
  - 0 Significant
  - 1 Adverse
  - 87 Track Until Fixed (TUF)
  - 44 Trend Only (TO)
  - 68 Opportunity for Improvement (OFI)
  - 3 Screened Out (factually inaccurate, duplicative of existing Condition Reports)
- Provided Course number 600082, Responsible Manager for Issues Management to nine employees.
- Completed SHS&Q-2014-WSA-13117, *Evaluate the initiation of Condition Reports from*

Issues identified in completed assessments / evaluations / reviews (SMP-KA-17-9). No Findings or Opportunities for Improvement were identified; one good practice was noted.
  - Two CHPRC Lessons learned were published through OPEXShare (previously known as HILLS).
  - Fifty-seven documents were provided in response to Document Requests by the Defense Nuclear Facilities Safety Board.
    - Planning was initiated for the DNFSB review of PFP Work Planning and Control, currently scheduled for March 2014.
- Performance Assurance /Quality Assurance (QA)/Assessment accomplishments:
  - Issued the report on the Nuclear Safety Performance and Evaluation Board (NSPEB) Review of Decommissioning, Waste, Fuels, & Remediation Services (DWF&RS) Project, specific to Liquid Waste & Fuel Storage and Waste & Fuels Management Project.
  - Continued to work with the Ground Water project in the development of procedures and inspection criteria for ASME B31.3 Category D fluid systems.
  - Participated with Project Technical Services and Procurement in the selection of a full service Nondestructive Evaluation (NDE) subcontractor.
  - Provided training on "CHPRC Software Quality Assurance" to Quality Assurance Engineering staff.
  - Conducted two S/CI Lessons learned meetings with Office of River Protection Vitrification Plant Personnel.
  - Conducted a three-day "Auditing Methods for Lead Auditor Class" to 17 students from various Hanford contractors.
  - Issued the 10 CFR 835, Subpart H, *Records*, triennial assessment final report. Four Findings were written for issues related to compliance with CHPRC implementing procedures.
  - Continued evaluations of completed management assessments and provided specific mentoring and feedback to assessors and responsible managers.
  - Conducted two internal workshops to review the CHPRC Assessment Program Plan (MP-40092) and associated supporting assessment process documents including: Independent Assessment, Surveillance, Management and Work Site Assessments, and Management Observation Program procedures. The goal was to validate incorporation of DOE O 414.1D, EM-QA-001, and NQA-1 requirements and to identify opportunities to improve the processes and training.
  - The Integrated Evaluation Plan Tool software upgrade testing was completed and deployed.
- Status of SHS&Q Focus Areas:
  - **Issue:** Beryllium (Be) program assessment findings from DOE-HQ, Office of Safety, Health and Security Independent Oversight Inspection report.
    Status: Development of Beryllium CAP products. Developed cost estimates and implementation plan for Be characterization process.
    Action: Implementing CHPRC actions and supporting site-wide actions per the approved CAP. Completed CHPRC briefing in support of Revision 2a, Be postings and labeling. Completed Be characterization pilot program.
  - **Issue:** Accident & Injury Reduction.
    Status: Continue investigating recent recordable and DART injuries to determine cause, prevention and reduction.
    Action: Developed briefing materials for supervisors to help them better understand and manage occupational injuries and illnesses; safety communication campaign emphasizing injury precursors and reduction techniques for common injury types; working closely with site medical provider to provide ergonomic review and recommendations to prevent strains and soft tissue

injuries. Also discussing concerns where HPMC is referring workers to offsite medical providers.

- **Issue:** PFP Value Engineering (VE) Study Strategy Path Forward.
  Status: Engaged PFP project personnel with SHS&Q central group SMEs; utilizing Risk Evaluation Board (REB) to help expedite PFP strategy innovations to PRC and RL senior management.

  Action: PFP High Gram Glovebox SER, received RL approval. Presented PFP foam initiative to REB in September, statusing at GSO meeting with RL.

Environmental Program and Strategic Planning (EP&SP)
Environmental Protection

- **Compliance Status**
  Asbestos
  - Completed review and comment on the draft EPA Consent Agreement and Final Order (CAFO) regarding alleged Clean Air Act violations (asbestos management). Awaiting issue of final CAFO.
  - Published PRC-GD-EP-52776 *Asbestos Guidance for D4 Projects Performed Under CERCLA Authority*

  Ecology Central Waste Complex Box and WRAP Drum Leak Enforcement
  - The Ecology Agreed Order (AO) negotiations were concluded with the signing of the AO on January 24, 2014. Implementation of the required actions has begun.

  RCRA Permitting Progress
  - Ecology provided comments on the Closure Plans submitted for some SWOC units. A primary issue involves the timing of closure and the ability to provide specific short-term dates. This and other issues are being resolved through continued work sessions with the regulators.
- **Environmental Compliance & Quality Assurance (ECQA)**
  Accomplishments
  - Conducted a half-day workshop with project and program staff to develop the basis for building a schedule for completing an Environmental Requirements Management process.
  - Compiled a list of environmental directives applicable to CHPRC and ensuring inclusion of requirements for environmental compliance with the operating record.
  - Completed the identification of "delinquent" environmental-related Condition Reports (CRs). Fourteen CRs were identified and seven subsequently closed.

  Work in Progress
  - An Independent Assessment of Groundwater Monitoring for compliance with HASQARD is on-going; fieldwork is complete and a draft report is being written.
  - A management assessment of the evaluation of Notification of Releases is on-going.
  - Development of a compliance matrix for the CWC Agreed Order is on-going.

Business Services

- **Acquisition Planning**
  - Assisted DWF&RS with acquisition strategy for WESF K3 Ventilation Upgrade and Legacy Contamination Stabilization Project including potential subcontractors and schedule.
  - Assisted DWF&RS with ETF Transition Plan as procurement/contracts POC.
- **Facilities and Property Management (F&PM)**
  - In January, F&PM focused on preparations to achieve two major FY2014 performance objectives that will kick off in February; 1) Start of the FY2014 Physical Inventory Campaign and 2) Validation and publication of the FY2014 baseline CHPRC facility occupancy statistics update, supporting 85% occupancy rate across our general purpose facilities.

- **Finance**
  - o January month end closing was completed on schedule with no issues.
  - o Contract funding has been provided that is sufficient to continue uninterrupted operations through February fiscal month end.
  - o Responding to KPMG requests for data, in response to the FY2010 and FY2011 incurred cost audits.
  - o Resubmitted Management Representation letter to RL based on KPMG resubmittal of the FY2009 Incurred cost report. Updated management responses to the revised findings.
- **Human Resources**
  - o The Compensation Increase Fund and Salary Structure Request were formally submitted to RL for approval.
  - o Completed preliminary work supporting changes to TIS system and related procedures to support implementation of 4/10s schedule in February.
- **Procurement**
  - o Awarded/amended 141 contracts with a total value of $1.9M. Additionally, awarded 140 new material Purchase Orders valued at $259K to support ongoing project objectives.
  - o At the end of the first 64 months of the PRC, procurement volume has been significant; $2.075B in contract activity has been recorded with approximately 49.3%, or $1.024B, in awards to small businesses. This includes 6,361 contract releases, 15,998 Purchase Orders, and 195,264 P-Card transactions.
  - o Completed and issued 16 Advance Planning Documents and one Consent Package to RL for review or approval.
  - o CHPRC received notice January 27, 2014, of approval by the U.S. DOE Office of Small and Disadvantaged Business Utilization, for a Mentor Protégé agreement between CHPRC, RC Engineering and Construction Management (RCECM). This agreement includes two base years and three one-year options. CHPRC Procurement, working with the mentor sponsor project S&GRP, will mentor RCECM in expanding technical expertise and several areas of business development. RECEM is a Woman Owned, Small Disadvantaged Business.

Prime Contract and Project Integration (PC&PI)

- **Contract Compliance & Change Management (CC&CM)**
  - o In January, Prime Contracts received and processed five (5) contract modifications (numbers 308-311, and 314) from RL. Correspondence Review received and determined the distribution for 40 incoming letters/documents. The Prime Contracts Manager reviewed 37 outgoing correspondence packages.
  - o Estimating provided the following support to the Projects:
    - – Sludge Treatment Project (STP):
      - Continued effort on the preparation of a Change Proposal that will address the impacts of funding changes in FY2012, FY2013, and Sequestration to the overall project.
      - Continued support in the maintenance of the Basis of Estimate(s) associated with planning scenarios related to the RL-0012 Performance Measurement Baseline (PMB) and FY2014 funding decisions.
    - – Decommissioning, Waste, Fuels & Remediation Services (DWF&RS) Project
      - Continued efforts to prepare Change Proposals in response to the following Change Orders:
        - o CO #236, *Transfer of the 310 Retention Transfer System to Washington Closure Hanford*;
        - o CO #239, Solid Waste Operations Complex (SWOC) Permit Modifications
        - o CO #245, Waste Encapsulation and Storage Facility (WESF) K3 Exhaust Ventilation

Upgrades Design (Perspective)

- In conjunction with the project, received from RL and initiated planning for the following prospective changes:
  - CO #190, *Transfer of the 622S Lysimeter*
  - CO #TBD-01, *400 Area Waste Management Unit*
  - CO #TBD-02, *FO 39 Power Disposition*
  - CO #TBD-28, *100-K Area Borehole Investigation*
  - CO#TBD-33, *Transfer of the ZP-1 Pump & Treat Facility*

– Soil & Groundwater Remediation Project (S&GRP):
- Supported negotiations and definitization of the following Change Orders:
  - CO #229, *100-NR-2 Operable Unit Apatite Barrier Within the Vadose Zone*, which was definitized on January 15, 2014.
  - CO #222, *100-BC-5 Well Drilling, Aquifer Tube Network Installation, and Sampling, which was definitized on January 22, 2014.*
  - *CO #227, Title Modutank and Investigation – Derived Waste (IDW) Changed Regulatory Requirements and Groundwater Procedure Updates - definitized on January 30, 2014*
- In conjunction with the project, completed and submitted to RL on January 9, 2014, supplemental subcontract pricing information related to Change Proposal 030 237 14074, Revision 1, 200-DV-1 Transient Perched Water.
- In conjunction with the project, completed and submitted to RL on January 13, 2014, supplemental subcontract pricing information related to Change Proposal 030 238 1409, Revision 1, 100-NR-2 Aquifer Barrier Expansion.
- In conjunction with the project, completed and submitted to RL on January 22, 2014, Change Proposal 030 246 1428, Technical Feasibility Evaluation for Uranium Treatment at 200 West Pump and Treat.
- Continued the effort to develop a proposal framework to address changes in work scope related to delays in processing and gaining RL and Regulatory comments and approvals on OU regulatory documents. This work is being performed in anticipation that RL and CHPRC will reach agreement on the recognition of a contract change, and submittal of a Change Proposal for equitable adjustment will be requested by RL. The initial work encompasses efforts related to the 300 Area OU over the past three years.
- Continued efforts to prepare Change Proposals in response to the following Change Orders:
  - CO #247, *Incorporation of River Corridor Waste Site Evaluations into the Groundwater RI/FS Documents*

– Project Technical Services (PTS):
- Continued the effort to prepare a Rough Order Magnitude (ROM) estimate in response to CO #242, *CRD O 420.1C Supplemented Revision 0, Facility Safety.*
- Completed specification reviews and generated fair cost estimates that were utilized in the evaluation of bids received from the construction subcontractor for the following projects:
  - Wiring and instrumentation of P&T extraction wells
  - Relocation of P&T transfer lines at 100 D Area
  - Installation of HPDE piping for three (3) P&T wells

o Estimating provided the following support to the functional areas:
– Business Services:

        - Continued to support Facilities Management group efforts to prepare a ROM estimate intended to capture the cost of implementing changes in Public Law 111-308, Federal Buildings Personnel Training Act of 2010 (FBPTA).
    - Estimating Systems Administration
        - Continued maintenance and cleanup of the Sage (Timberline) database in preparation for implementation of the up-versioned software (Sage 14.11).
        - Initiated effort to streamline processes and systems in anticipation of the upcoming upversioning to COBRA 5.1.
        - Continued review and editing of proposal assurance checklists utilized for peer review, fee computation and processing error detection.
- **Baseline Management & Reporting**
    - Finalized the buy-back list showing scope to be initiated with the incremental funding received from RL. Baseline Change Requests, as applicable, are in process.
    - Finalized four Management Assessments relative to EVMS compliance, including a review of the CAM Notebooks, rules of performance, PARs II reporting, and variance analysis. Corrective Actions have been identified and will be managed to closure.
    - Prepared CAM training material in preparation for formal EVMS training scheduled for February.
- **Strategic Planning and Integration**
    - **Strategic Planning**
        - Completed the FY2014 Risk Analysis.
            - No changes to Management Reserve (MR) profile
            - Baseline Change Request to document MR profile to be completed in February
            - 2 PFP Scenarios presented:
                - Baseline Case
                - Strategic Opportunity to realign activities commensurate with hazards
            - STP Critical Decision (CD) 2/3 Risk Analysis documents high confidence to achieve one shipment by September 30, 2018 (Bounding Assumption: Technical process presented in CD 2/3 is accepted by RL)
            - Risk Analysis was transmitted on January 31, 2014
            - Established CHPRC Key Risks and bounding assumptions for PFP work scope completion.
            - Documenting Key Risks and bounding assumptions for CHPRC contract work scope in PRC-MP-PC-40167, *Risk Management Plan*. Revision to be issued by March 31, 2014
        - Providing analytical and technical research to DWF&RS to investigate degrading containers.
    - **Interface Management**
        - Completed Volume 4 of "Be In The Know…" Difference Between Loaned Labor/Hybrid Task and Managed Task
        - Maintain Calibration spreadsheet utilized to bin like issues with links to emails.
        - Continue to work issues as they arise from M&TE Calibration Services provided through the Site calibration vendor Micro Precision.
        - Continue to work issues on scope and interpretations of Usage-Base Services vs. Direct-Funded Services for J.3 #20 Fire & Emergency Response Services (Fire Protection System Inspection, Testing, and Maintenance).
        - Met with MSA to discuss performance metrics on the proposed path forward for the Tumbleweed Service Level Agreement.
        - Provided input to MSA on a redesign of the Service Request in the Catalog for Tumbleweeds.
        - Finalized comments and submitted the CHPRC revisions to the Draft 2014 Hanford Site

Sustainability Plan.
- Developed outline, submitted rough draft, and provided final approval for the WM2014 Poster Presentation on the CHPRC Procedure System.
- Continued development of the Site Manuals Spreadsheet to begin development of an internal change control process.
- Finalized J.13/14 Communications Spreadsheet. The Spreadsheet shows interactions among the Prime Contractors from 2011 through the end of 2013. Tracking of communications will be ongoing in a new tab titled "*2014*".
- Finalized J.13/14 Timeline. Timeline shows major activities that have gone into the release up to Modification 241. Modifications beyond 241 will be developed in a new timeline titled "*Communications 2014 and Beyond*".
- Completed CHPRC/MSA Calibration Services Administrative Interface Agreement (AIA) in support of the Sludge Treatment Project (STP). Completed development of CHPRC Specialized Calibration Services Statement of Work (SOW), Request for Information (RFI), and issued Request for Proposal (RFP) for vendor proposal for STP.
- Began the Infrastructure & Service Alignment Plan (ISAP) FY2014 Update with the CHPRC Data Call for Contractor Requirements per J-3 Matrix. Due date for data call is February 14, 2014.
- Began discussions with the CHPRC Estimating Group on the revisions to the Sage Timberline Software Quality Assurance Documentation.
- Completed quality verification for the Risk Registers.
- Completed SOW and task order for Calibration Services/Measuring and Test Equipment (M&TE) application integration and redevelopment to MSA. This is a joint CHPRC/MSA/WRPS contractor initiative for program improvement based on a Kaizen Blitz session held on January 27, 2014.
- In process Interface Documents:
  - TOC-AIA-PRC-000031 Rev. 0, *AIA Between WRPS and PRC for Operations Interface Activities within or Adjacent to Nuclear Facilities.*
  - TOC-AIA-PRC-00009 Rev. 2, *AIA Between CHPRC and WRPS for SWITS and SWIFT Data Management and Integration*
  - HNF-51261 Rev. 0, *AIA Between CHPRC and MSA for Geophysical Logging Services*
  - HNF-23474 Rev. 2, *ICD Between CHPRC and JCI for Hazardous Energy Control*
- Canceled Interface Documents:
  - HNF-44003 Rev. 1, *AIA Between CHPRC and MSA for Fleet Services*
- Issued Interface Documents:
  - TOC-ICD-PRC-00034 Rev. 0, *ICD Between Washington River Protection Solutions and CHPRC for Lock and Tag Authority of Breakers at Canister Storage Building.*

o **Information Management**
- Issued remaining five (5) Records Management and Document Control procedure revisions in support of outstanding Management Assessment and Improvement Plan actions
- Transitioned 71 workstations to Thin Client computing in support of EMS Objective FY14-EMS-PCPI-OB2-T1
- Removed 4 stand-alone printers from service in support of EMS Objective FY14-EMS-PCPI-OB1-T1
- Provided Facilitator and IT Support to Leadership Initiative Training
- Provided IT Support to EZAC, PZAC, and various company meetings
- Prepared Intranet Banners for CHPRC Company Topics
- Implemented new Prime Contract and Project Integration website
- Provided various website update analysis and support

- Processed 13,417 electronic records into IDMS
- Released 335 documents and drawings

Project Technical Services (PTS)

- CE performed an impact assessment for Contract No. DE-AC06-08RL 14788 - Contractor Requirements Document (CRD) 0 420.1C, (Supplemented Revision 0), Facility Safety, Change Order #242. The draft set of impact has been forwarded to the CHPRC Estimating organization for quantification of cost impacts.
- CE prepared and received Fire Marshall Extension for testing sprinkler heads at PFP in the 234-5Z Building.
- CE supported the Sludge Treatment Project (STP) in verification of the T-Plant Sludge Handling System STP Interim Storage STSC Lift Fixture Storage Stand.
- CE has assisted in the review of the best and final offers from three potential nondestructive examination service (NDE) companies. The three have been technically evaluated and Procurement/CE is finalizing the selection.
- CE supported the STP Project in the evaluation of the need for intumescent coatings for the Modified KW Annex steel.
- CE addressed a notification letter sent to CHPRC from Flanders Filters of an ASME AG-1 requalification test failure regarding a specific HEPA filter media pack style. The investigation is ongoing and more data on the nature of the failure is being gathered. CE is coordinating the gathering of addition information about both the failure and test fixture from Flanders and will disseminate to the impacted facilities as it becomes available.
- CE commenced a CHPRC management assessment of the implementation of DOE-0359, Hanford Site Electrical Safety Program.
- CE completed an initial review of the PFP Configuration Baseline documentation; the purpose of the review was to provide an independent review of the baseline documentation to identify potential candidates for removal. Preliminary recommendations were provided to the PFP VP and Engineering Manager.

- **Procedures and Training**
  - A Leadership Impact Initiative Workshop was held January 22 and 23.
  - Developed plan to support transition to 4x10s for CHPRC personnel attending training at HAMMER.
  - Developed plan for transition of systematic-approach-to-training documentation to VISION training database.
  - Developed new qualification card for Lockout/Tagout Designated Manager (course #600606).
  - Completed four work site assessments (WSA) on review and approval of procedures prior to use.
  - Worked with WESF facility manager to develop a path forward on LWFS procedures in preparation for transition of ETF to another contractor.
- **Operations Program**
  - Facilitated a multi-Project Work Control Workshop at Hammer.
  - Provided support for WESF DNFSB review including preparation of WESF specific metric data.
  - Supported causal analysis efforts at PFP for their Conduct of Operations trend challenges and initiated Company Extent of Condition Review.
  - Mentor activities included directly support Project SSO efforts.
- **Project Delivery**
  - S&GRP
    - Completed ITB-1 Wells YJ10 and YM11 modification and installed well racks and HDPE at wells 198 and 199.

  - Performed a constructability review of design media for wells ME51 and ME52.
- DWF&RS
  - 400 Area Sewer - successfully completed a manual operated testing. However automatic operation of the new Sewer System could not occur (as designed) due to a computer system equipment /program error. Replacements successfully installed. Severe weather conditions resulted in ice accumulation in the lateral lines delayed DOH inspection prior to back fill placement. Final system testing and backfilling expected to complete in February.

- **KW Annex Construction**
  - Completed installation and have received NEC approved inspections required to support the installation of the underground conduits to the KW Annex.
  - Completed backfill and QA testing activities to support crane mobilization for Annex support for steel erection.
  - Completed all construction activities for FY2014, inside hose-in-hose chase; FY2015 installation of hose-in-hose and complete cover.

Communications

- **Internal**
  - Produced a year-end wrap-up video highlighting progress from CHPRC's projects and organizations.
  - Supported VPP assessors' request for pictures of their audit. The VPP assessment team announced in an out brief on January 16 that it was recommending CHPRC for STAR status.
  - Produced four issues of the Weekly Update, the CHPRC internal news bulletin, including manager messages from John Fulton, President and Chief Executive Officer; John Ciucci, Chief Operating Officer; Terry Vaughn, Vice President of Safety, Health, Security & Quality; and Rick Millikin, Vice President of Prime Contract & Project integration.
  - CHPRC employees participated in the annual Nuclear Night with the Tri-Cities Americans to benefit the players' fund. In addition, six employees participated in the Special Olympics Polar Plunge, raising over $2,800.
  - CHPRC Vice Presidents, managers and supervisors attended the quarterly all-managers meeting on January 30. The event promotes teamwork, leadership, development, rewards, and recognition of each team's accomplishments.
  - Began a weekly PFP Update e-mail message for employees highlighting safety, D&D progress, goals, and recognizing specific accomplishments.
- **Public Relations**
  - CHPRC video package of Oak Ridge TRU waste team visiting MASF for sharing of sludge retrieval lessons learned was featured on the RL YouTube channel.
  - CHPRC Salvation Army bell ringing was featured on CH2M HILL Facebook.
  - CHPRC aquifer tube installation video was featured on CH2M HILL – Environmental Facebook page.
  - CH2M HILL shared on Facebook a photo of CHPRC employees celebrating local sports teams as part of a company-wide sports-themed status update.
  - CHPRC was named in a *Tri-City Herald* article on January 22, 2014 about Hanford layoffs being canceled.
  - CHPRC was named in a *Tri-City Herald* article on January 24, 2014 about the agreed order regarding the Central Waste Complex.
  - Supported DOE's tour with Takashi Tanji, a newspaper reporter from Fukushima, during a visit to the 100N apatite barrier. The visit accompanied delegates from Japan's Ministry of Economy, Trade and Industry.
  - CHPRC's Sludge Treatment Project was featured in the January edition of the *EM Update*

newsletter.
  - CH2M HILL – Environmental featured CHPRC's video of sharing sludge retrieval lessons learned with Oak Ridge representatives.

- **Public Involvement**
  - Materials for Class 2 Permit Modifications on groundwater monitoring and Liquid Effluent Retention Facility/Effluent Treatment Facility (LERF/ETF) were completed and distributed; the comment period began on January 6. The fact sheet was sent out to the Tri-Party mailing list.
  - Materials for a second Class 2 Permit Modification on operations at LERF/ETF were completed and distributed; the comment period began on January 20. The fact sheet was sent out to the Tri-Party mailing list.

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 (%)
Office of the President	0.2	0.2	0.2	0.0	0.0%	(0.1)	-16.4%
Internal Audit	0.1	0.1	0.0	0.0	0.0%	0.0	20.3%
General Counsel	0.1	0.1	0.1	0.0	0.0%	0.0	10.6%
Communications	0.1	0.1	0.1	0.0	0.0%	0.0	6.1%
Safety, Health, Security and Quality	1.2	1.2	1.1	(0.0)	-0.9%	0.1	11.1%
Environmental Program and Strategic Planning	0.4	0.4	0.3	0.0	0.0%	0.1	21.4%
Business Services	1.6	1.6	1.1	0.0	0.0%	0.5	34.3%
Prime Contract and Project Integration	1.8	1.8	1.5	0.0	0.0%	0.3	18.8%
Project Technical Services	0.6	0.6	0.8	0.0	0.0%	(0.2)	-25.4%
Indirect WBS 000 Total	**6.0**	**6.0**	**5.1**	**(0.0)**	**-0.2%**	**0.9**	**15.7%**

Numbers are rounded to the nearest $0.1M.

Indirect WBS 000

CM Schedule Performance: (-$0.0M/-0.2%)
Variance is within reporting thresholds.

CM Cost Performance: (+$0.9M/+15.7%)
The favorable cost variance is primarily due to a prior month overstated accrual adjustment for Home Office Support.

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)
Office of the President	0.5	0.5	0.7	0.0	0.0%	(0.2)	-32.1%	1.7
Internal Audit	0.2	0.2	0.2	0.0	0.0%	0.0	7.4%	0.7
General Counsel	0.4	0.4	0.4	0.0	0.0%	0.1	20.2%	1.4
Communications	0.3	0.3	0.3	0.0	0.0%	(0.0)	-7.5%	1.0
Safety, Health, Security and Quality	4.4	4.3	3.7	(0.0)	-0.4%	0.6	14.5%	13.8
Environmental Program and Strategic Planning	1.3	1.3	1.1	0.0	0.0%	0.2	13.1%	4.2
Business Services	5.7	5.7	5.4	0.0	0.0%	0.3	4.9%	18.1
Prime Contract and Project Integration	6.4	6.4	5.6	0.0	0.0%	0.8	13.2%	20.5
Project Technical Services	2.2	2.2	2.6	0.0	0.0%	(0.4)	-17.4%	7.0
Indirect WBS 000 Total	**21.5**	**21.5**	**20.0**	**(0.0)**	**-0.0%**	**1.5**	**6.8%**	**68.3**

Numbers are rounded to the nearest $0.1M.

Indirect WBS 000
FYTD Schedule Performance: ($0.0M/0.0%)
Variance is within reporting thresholds.

FYTD Cost Performance: (+$1.5M/+6.8%)
The favorable cost variance is primarily due to lower than expected costs for Time Verification System.

Baseline Change Requests
None currently identified.

FY2014 G&A Analysis ($M)

WBS 000 Project Services and Support	FYTD BCWS	FYTD Actual	FYTD Variance (O)/U		FY2014 BCWS	FY2014 Forecast	FY2014 Variance (O)/U
			FY2014				
Office of the President	0.5	0.7	(0.2)		1.7	2.1	(0.4)
Internal Audit	0.2	0.2	0.0		0.7	0.8	(0.2)
General Counsel	0.4	0.4	0.1		1.4	1.4	0.0
Communications	0.3	0.3	(0.0)		1.0	1.1	(0.1)
Safety, Health, Security and Quality	4.4	3.7	0.6		13.8	12.8	1.0
Env. Program & Strategic Planning	1.3	1.1	0.2		4.2	3.9	0.3
Business Services	5.7	5.4	0.3		18.1	18.4	(0.3)
Prime Contract and Project Integration	6.4	5.6	0.8		20.5	19.8	0.6
Project Technical Services	2.2	2.6	(0.4)		7.0	7.3	(0.3)
General & Administrative (G&A)	**21.5**	**20.0**	**1.5**		**68.3**	**67.6**	**0.7**

	FYTD	FY2014
G&A Distribution	**(18.5)**	**(69.9)**
G&A Liquidation (Over)/Under	**1.5**	**(2.3)**

Liquidation Analysis

- Fiscal year to date through January, application of the G&A rate has under-liquidated total to date G&A costs by $1.5M. The FY2014 year end projected over-liquidation of $2.3M reflected in the FYSF reflects revised funding guidance which significantly increases the G&A base.
- Consistent with CHPRC prospective Cost Accounting Disclosure Statement, 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.