CH2MHILL
Plateau Remediation Company

Monthly Performance Report

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President and Chief Executive Officer

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February 2014
CHPRC-2014-02, Rev. 0

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PROJECT BASELINE SUMMARY SECTIONS

APPENDICES

EXECUTIVE SUMMARY

- Plutonium Finishing Plant (PFP) decommissioning and deactivation (D&D) progressed with the seal out of Pencil Tank 16, as well as continued glovebox isolations throughout PFP and the Plutonium Reclamation Facility (PRF).

- The Soil and Groundwater Remediation Project (S&GRP) team met a Tri-Party Agreement milestone with the completion of eight monitoring wells in the BC-5 area. The Project also initiated the procurement process for design services and the uranium ion exchange skid for the uranium extraction expansion at the 200W Pump and Treat system.

- The Decommissioning, Waste, Fuels & Remediation Services (DWF&RS) team released the structural steel constructability Design Change Notice (DCN-132) for K West Annex. The Project Review Board (PRB) hold on mezzanine structural steel was removed as a result of the issuance of the Management Assessment (MA) on the flowdown of requirements for structural steel.

- The Project Technical Services (PTS) team recently hosted a three-day facilitated workshop to address improvements to the Work Management process. Each CHPRC project and associated programs participated representing a broad spectrum of experience and disciplines. The workshop composition represented multiple levels of management, subject matter experts, field work supervisors, HAMTC Safety Representatives and workers.

PFP employees prepare to perform non-destructive assay on the HA-9A glovebox.

Soil sampling in the 100-D Waste Site began in February.

Focus on Safety

- The February 2014 President's Zero Accident Council (PZAC) meeting was hosted by the Project Technical Services organization. The three main themes of the meeting were:
  - Situational Awareness
  - Take Ownership
  - Response Actions

  The meeting began with intrigue as the Emergency Preparedness (EP) department asked the audience if they noticed a suspicious character loitering around the facility. The EP department had staged a shady individual outside the meeting location to drive home the message that security threats are everyone's responsibility. The presentation included a table top drill that covered the need to stay alert for suspicious activity, understanding minimum safe distances in the face of a threat, and proper response actions. Sliding in as the next topic was a presentation on a Slip, Trip and Fall Simulator, a training device designed to teach individuals on how to stay upright when traversing slippery surfaces. Although the presentation included a humorous video of coworkers being trained on a simulator, the discussion balanced out the laughs with a sobering reminder of the perils and consequences of injuries caused by slips, trips and falls and the benefits of the simulator. The Environmental Management System presentation focused on how to recognize, respond to and recover from an environmental spill. The Voluntary Protection Program (VPP) presentation celebrated the DOE-HQ recommendation that CHPRC receive Star certification and reiterated that the next goal in the program is to sustain and improve upon excellence. The remainder of the meeting included Stretch and Flex, an injury report, the safety performance review and Good News Stories.

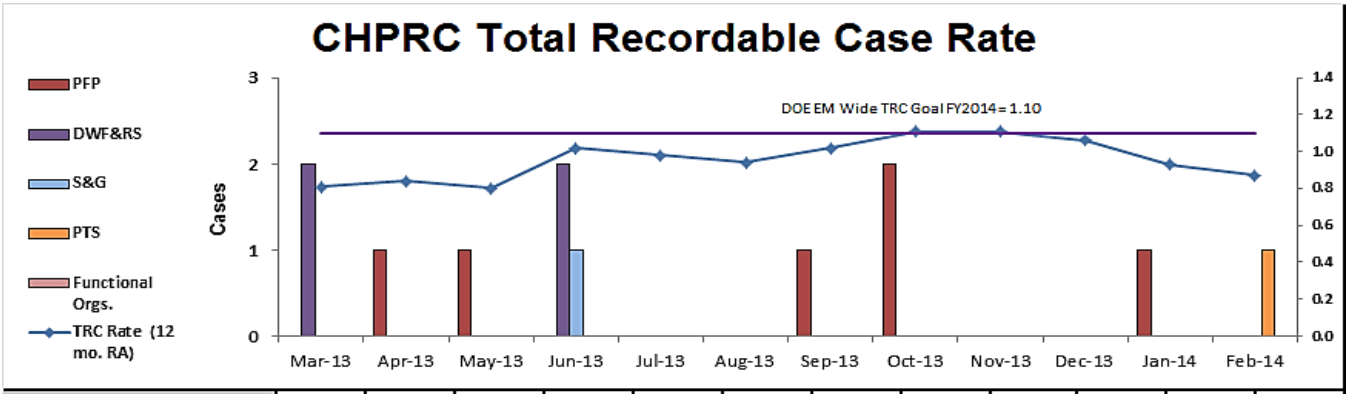
- In February, CHPRC partnered with RL to host the DOE Office of Health, Safety and Security (HSS) in a Corporate Outreach and Awareness Initiative to gather lessons learned from implementing 10 CFR 851, *Worker Safety and Health Program*. The HSS team visited the Hanford site for three days and CHPRC participated in the opening and closing discussions and feedback sessions with workers, safety and health professionals, and HAMTC Safety Representatives.
- Four "*Thinking Target Zero*" (TTZ) bulletins were published in February to convey important occupational safety, health and environmental messages:
  - Bottled Water
  - Heart Health
  - Hand Personal Protective Equipment
  - VPP Star Values
- *Weekly Safety Tailgate* briefing packages in February communicated relevant topics and safety information to the workforce:
  - Transition to 4X10 Schedule: Techniques for Managing Changes in Your Routine
  - OSHA 300A Summary of Work-Related Injuries and Illnesses
  - 5 Years of Progress on the Plateau
  - Revised Hanford Stop Work Poster
  - Focusing on Safety When Returning to Work After Presidents' Day
  - 10 CFR 851, *Worker Safety and Health*
  - Remote Car Starters
  - Site Visit Forms for Electrical Utilities and Mobile Cranes
  - Personal Protective Equipment

- Safety Analysis Center
- "What Would You Do?" Ethics Awareness messages
- Injury/Illness Summaries and the TTZ of the week.

- Each week, CHPRC publishes the Weekly Update, an email and online post that delivers employee messages, news and safety tools. Each update includes a blog by a senior manager highlighting an important topic. In February, Terry Vaughn, Vice President of Safety, Health, Security and Quality provided a blog regarding the need to focus on safety following the return form Presidents' Day weekend and the transition to a new 4x10 schedule. Other topics in the month included Supporting Local Leadership, a Work Control Workshop, and Control Account Manager (CAM) Training.

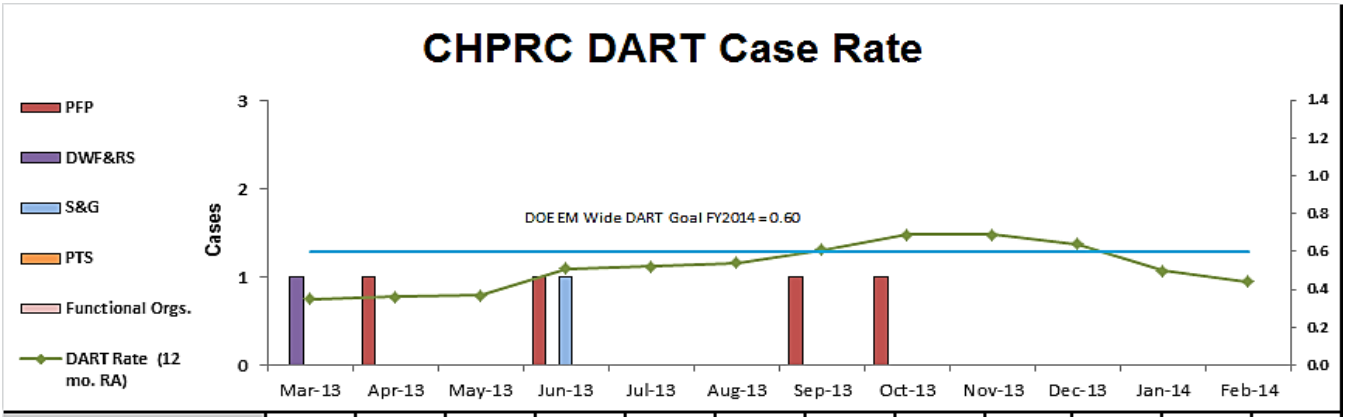
TARGET ZERO PERFORMANCE
February 2014

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



	Mar-13	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Sep-13	Oct-13	Nov-13	Dec-13	Jan-14	Feb-14
PFP	0	1	1	0	0	0	1	2	0	0	1	0
DWF&RS	2	0	0	2	0	0	0	0	0	0	0	0
S&G	0	0	0	1	0	0	0	0	0	0	0	0
PTS	0	0	0	0	0	0	0	0	0	0	0	1
Functional Orgs.	0	0	0	0	0	0	0	0	0	0	0	0
Recordable Cases	**2**	**1**	**1**	**3**	**0**	**0**	**1**	**2**	**0**	**0**	**1**	**1**
TRC Rate (12 mo. RA)	**0.81**	**0.84**	**0.80**	**1.02**	**0.98**	**0.94**	**1.02**	**1.11**	**1.11**	**1.06**	**0.93**	**0.87**

Total Recordable Injury Case (TRC) Rate – The 12 month rolling average TRC rate of 0.87 is based on a total of 12 recordable injuries (6 recordable and 6 DART cases). There was one Recordable case in February 2014. There are no cases being evaluated/investigated.

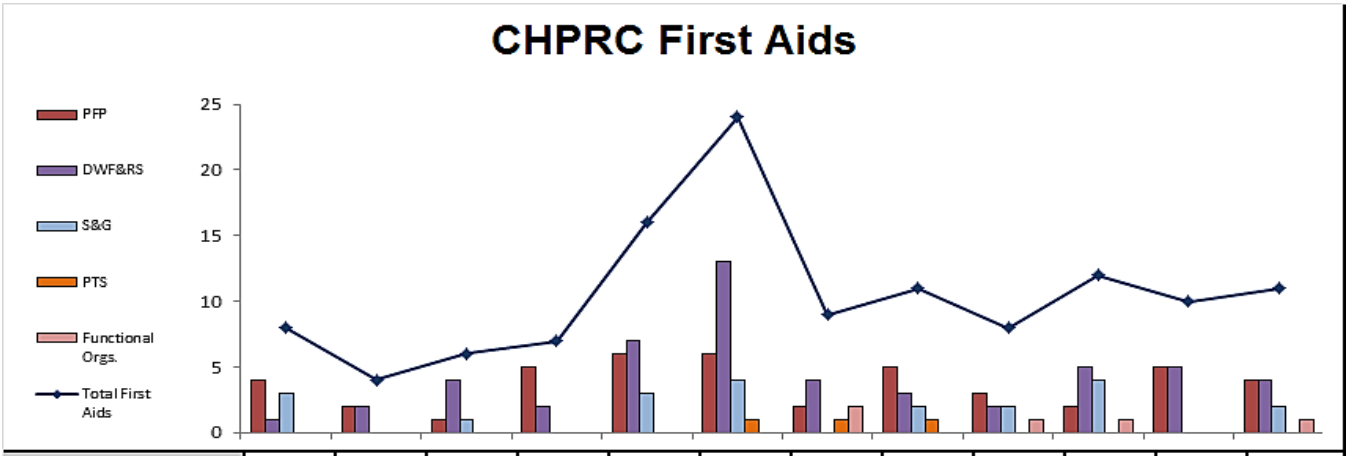


	Mar-13	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Sep-13	Oct-13	Nov-13	Dec-13	Jan-14	Feb-14
PFP	0	1	0	1	0	0	1	1	0	0	0	0
DWF&RS	1	0	0	0	0	0	0	0	0	0	0	0
S&G	0	0	0	1	0	0	0	0	0	0	0	0
PTS	0	0	0	0	0	0	0	0	0	0	0	0
Functional Orgs.	0	0	0	0	0	0	0	0	0	0	0	0
DART Cases	**1**	**1**	**0**	**2**	**0**	**0**	**1**	**1**	**0**	**0**	**0**	**0**
DART Rate (12 mo. RA)	**0.35**	**0.36**	**0.37**	**0.51**	**0.52**	**0.54**	**0.61**	**0.69**	**0.69**	**0.64**	**0.50**	**0.44**

Days Away, Restricted or Transferred (DART) Workdays Case Rate – The 12 month rolling average DART rate of 0.44 is based upon a total of six Days Away cases. There were no DART cases in February 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.



	Mar-13	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Sep-13	Oct-13	Nov-13	Dec-13	Jan-14	Feb-14
PFP	4	2	1	5	6	6	2	5	3	2	5	4
DWF&RS	1	2	4	2	7	13	4	3	2	5	5	4
S&G	3	0	1	0	3	4	0	2	2	4	0	2
PTS	0	0	0	0	0	1	1	1	0	0	0	0
Functional Orgs.	0	0	0	0	0	0	2	0	1	1	0	1
Total First Aids	**8**	**4**	**6**	**7**	**16**	**24**	**9**	**11**	**8**	**12**	**10**	**11**

First Aid Case Summary – CHPRC reported 11 first-aid cases in February 2014; of these 11 cases, 6 cases required no treatment and 1 case was a self-treat. The contributors were seven sprains/strains/pains and two abrasions/contusions, one small cut and one miscellaneous (tendinitis) injury.

KEY ACCOMPLISHMENTS

Projects

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

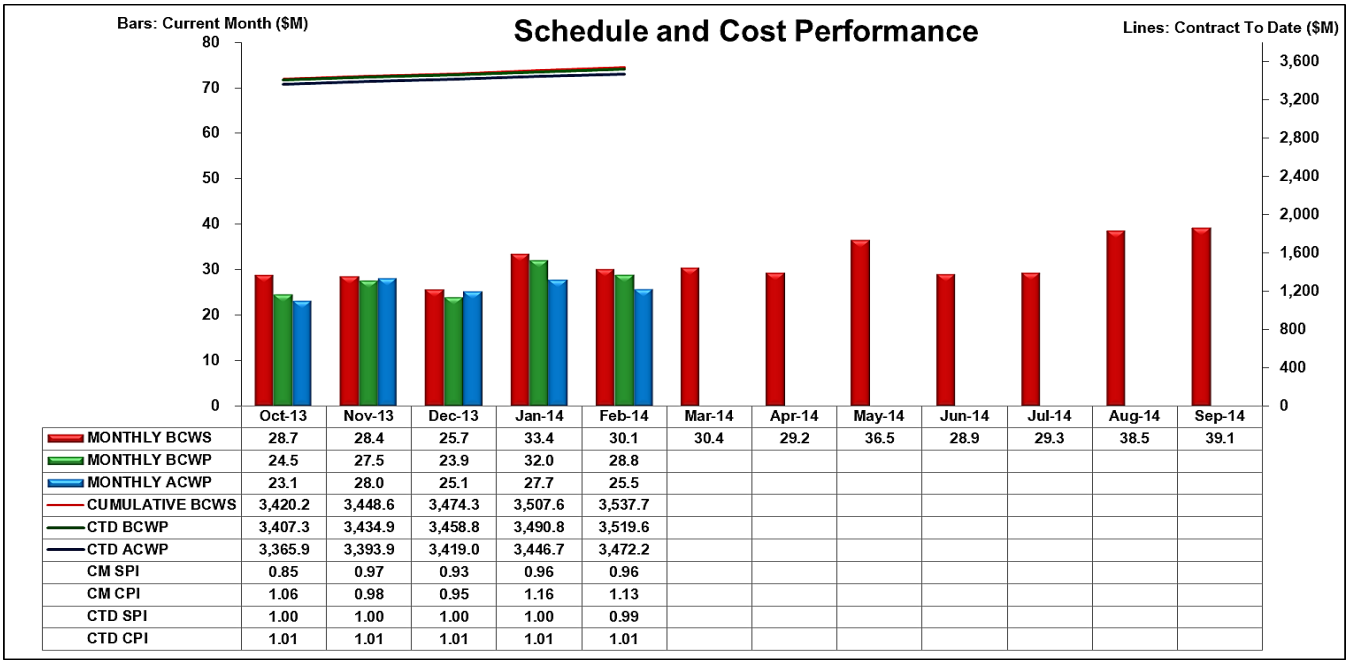
Project Services and Support

- 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	30.1	30.4	29.2	36.5	28.9	29.3	38.5	39.1
MONTHLY BCWP	24.5	27.5	23.9	32.0	28.8							
MONTHLY ACWP	23.1	28.0	25.1	27.7	25.5							
CUMULATIVE BCWS	3,420.2	3,448.6	3,474.3	3,507.6	3,537.7							
CTD BCWP	3,407.3	3,434.9	3,458.8	3,490.8	3,519.6							
CTD ACWP	3,365.9	3,393.9	3,419.0	3,446.7	3,472.2							
CM SPI	0.85	0.97	0.93	0.96	0.96							
CM CPI	1.06	0.98	0.95	1.16	1.13							
CTD SPI	1.00	1.00	1.00	1.00	0.99							
CTD CPI	1.01	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	9.1	6.5	6.9	(2.6)	(0.4)	664.6	647.3	678.5	(17.3)	(31.1)	933.4	951.4	(18.0)
RL-0012 - SNF Stabilization & Disposition	4.4	4.0	4.7	(0.4)	(0.7)	404.3	403.9	413.4	(0.4)	(9.5)	690.9	700.6	(9.6)
RL-0013 - Solid Waste Stab & Disposition	7.2	7.3	4.8	0.2	2.5	823.5	823.8	799.6	0.3	24.2	1,339.9	1,267.2	72.6
RL-0030 - Soil & Water Rem-Grndwtr/Vadose	7.5	9.2	8.1	1.7	1.1	942.7	942.6	935.2	(0.0)	7.4	1,510.5	1,497.5	12.9
RL-0040 - Nuc Fac D&D - Remainder	1.1	0.9	0.7	(0.2)	0.2	381.1	380.4	350.5	(0.7)	29.8	490.2	458.0	32.2
RL-0041 - Nuc Fac D&D - RC Closure Project	0.6	0.6	0.1	(0.0)	0.4	304.6	304.6	280.7	0.0	24.0	390.5	366.4	24.1
RL-0042 - Nuc Fac D&D - FFTF Project	0.2	0.2	0.1	0.0	0.1	16.9	16.9	14.4	(0.0)	2.5	26.5	24.2	2.3
(Numbers are rounded to the nearest $0.1M) Total	30.1	28.8	25.5	(1.3)	3.3	3,537.7	3,519.6	3,472.2	(18.1)	47.4	5,381.8	5,265.2	116.6

Performance Summary

CHPRC continues to track completion of contract scope within budget and is currently projecting a Variance at Completion of $116.6M with $74.5M of Management Reserve for a total positive variance of $191.1M. For February, the project was 4.2 percent behind schedule and 11.3 percent under planned cost. Schedule performance in February was primarily due to:

- RL-0011 – Re-sequencing work in the 242-Z Americium Facility to align with the availability of D&D workers, re-planning 234-5Z duct level work to align with an area vs. system approach and a change in the PFP demolition sequence.
- RL-0030 – Implementation of definitized Change Order 222 – *100-BC-5 OU Well Drilling and Aquifer Tube Installation and Sampling* resulting in completion of drilling based on eight wells versus 11 previously identified and re-planning of 200W Pump-and-Treat Maintenance.

Cost performance in February was primarily attributed to realization of planned efficiencies in multiple projects partially offset by RL-0012 contract change impacts associated with sequestration and baseline funding/priority changes.

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

PBS	Project	FY2014 Projected Funding	FY2014 Spending Forecast	Variance
RL-0011	Nuclear Materials Stabilization and Disposition	106.9	102.8	4.1
RL-0012	Spent Nuclear Fuel Stabilization and Disposition	72.2	71.6	0.6
RL-0013	Waste and Fuels Management Project	83.9	83.4	0.5
RL-0030	Soil, Groundwater and Vadose Zone Remediation	121.5	120.3	1.2
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:	**410.0**	**401.7**	**8.3**

Funds/Variance Analysis:

FY2014 Projected Funding was reduced in February by $500K. E-mail direction from RL reduced funding for ATL, office supplies, cultural resources support, Request for Services for Chromium stable isotope study phase 2, and increased for a tent exhauster and filter housing that was provided to Washington Closure Hanford. Projected funding was revised from $410.5M to $410.0M.

BASELINE CHANGE REQUESTS

In February 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 February 2014		
BCRA-011-14-002R0	*Chemical Mitigation Draining Activities*	This BCR moves activities associated with Change Order 240, Mitigation of Chemical Lines at PFP, dated 9/30/13 between WBS elements to improve the ability to ensure that all costs associated with this work scope are segregated for traceability. This BCR did not change the value of the PMB.
BCR-013-14-005R0	*Revise PMB to Reinstate Cs/Sr Dry Storage Estimate*	This BCR reinstates the original estimate for WBS 13.02.04, Cs/Sr Capsule Disposition, to align with the estimate prior to the FY 2014 PMB update. This BCR decreased the PMB by -$24,705K.
BCR-040-14-003R0	*Implementation Area and Subsequent Unit for Individual Development WBS Structure Incorporation*	This BCR modifies the PMB for implementation of a revised work breakdown structure (WBS) 40.02 to align to the Implementation Area and SQUID grouping identified in the Central Plateau Remediation Optimization Study developed by DOE-RL and CHPRC (Document Number DOE/RL-2012-33). This action was directed by DOE Correspondence No. 13-AMRP-0147 entitled *Contract number DE-AC06-08RL14788 – Implementation Area and Subsequent Unit for Individual Development (SQUID) WBS Structure Incorporation into CHPRC Performance Measurement Baseline, dated May 14, 2013.* This change increased the PMB by $18K.
BCR-PRC-14-006R0	*PMB Comment Incorporation and Alignment to Contract Price*	This BCR implements the following actions directed by DOE-RL • Incorporates Contract Modification (CM) #305, Change Order (CO) #247 for the River Corridor Waste Site Evaluations into Remedial Investigation (RI) / Feasibility Study (FS) documents, and the associated Not to Exceed (NTE) value of $384K (unburdened). • Incorporates CM #316, CO #245 for the Waste Encapsulation and Storage Facility (WESF) K1/K3 Exhaust System Upgrade Project, and the associated NTE value of $1,000K (unburdened). • Incorporates CM #308, CO #222 for the 100-BC-5 Wells and Aquifer Tubes negotiated value of $4,953K and $235K Fee for a total of $5,188K. • Incorporates CM #314, CO #223, for the 200-UP-1 Operable Unit (OU) Continued Operation of S/SX Extraction System negotiated value of $1,691K and $80K Fee for a total of $1,771K. • Incorporates CM #311, CO #229 for the 100-NR-2 Operable Unit Apatite Barrier within the Vadose Zone negotiated value of $5,933.9K and $300K Fee for a total of $6,233.9K. • Transfer work scope from CLIN 7, Deferred Work into the PMB to offset the work scope that was pushed outside the contract period of performance. • Transfer work scope that was pushed outside the contract period of performance during the FY2014 Annual PMB Update submittal to CLIN 7. • Add impacts from the 1st quarter FY 2014 Work Force Restructuring, and • Adjustment to Management Reserve (MR). This change increased the PMB by $68,823K
BCRA-PRC-14-003R0	*RCR Comment Resolution/Gen Admin Changes to FY14 PMB Update Submittal*	This BCR incorporates DOE RL comments on the FY2014 Annual PMB Update submittal that are administrative in nature. This BCR did not change the value of the PMB.

Management Reserve Activity

BCR Number	Title	Fiscal Year	MR
BCR-PRC-14-006R0	*PMB Comment Incorporation and Alignment to Contract Price*	2014 - 2018	$9,027K

Overall, Management Reserve increased by $9,027K during February.

Fee Activity

BCR Number	Title	Fiscal Year	Fee
BCR-PRC-14-006R0	*PMB Comment Incorporation and Alignment to Contract Price*	2014 - 2018	$615K

Overall, Fee increased by $615K during February.

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):

February 2014 Summary of Changes

	FYs 2009-2013	FY2014	FY2015	FY2016	FY2017	FY2018	FYs 2014-2018	Contract Period Total	Total PMB
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***
February 2014 Change									
PMB									
Change to PMB	***0***	***4,032***	***8,766***	***4,660***	***14,091***	***12,587***	***44,136***	***44,136***	***44,136***
MR									
Change to MR	***0***	***0***	***-277***	***-4,295***	***-2,666***	***16,265***	***9,027***	***9,027***	***9,027***
Fee									
Change to Fee	***0***	***235***	***380***	***0***	***0***	***0***	***615***	***615***	***615***
Total Change	***0***	***4,267***	***8,870***	***365***	***11,425***	***28,851***	***53,778***	***53,778***	***53,778***
February 2014 Estimate									
PMB	3,391,477	378,052	434,125	423,382	372,722	382,041	1,990,322	5,381,798	5,381,798
MR	0	5,000	7,250	21,000	21,000	29,300	83,550	83,550	83,550
Fee	155,504	14,200	13,480	19,800	8,800	16,600	72,880	228,384	228,384
Total	***3,546,981***	***397,252***	***454,856***	***464,182***	***402,522***	***427,940***	***2,146,752***	***5,693,732***	***5,693,732***

Changes to/Utilization of Management Reserve in February 2014

	FY2009-2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2014-2018	Total
January 2014 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***
February 2014 MR Changes/Utilization								
RL-0011	0	0	0	0	0	0	0	0
RL-0012	0	0		-3,000		4,200	1,200	1,200
RL-0013	0	0			-1,266	3,000	1,734	1,734
RL-0030	0	0	-277	-660	-200	3,100	1,964	1,964
RL-0040	0	0		-635		1,744	1,109	1,109
RL-0041	0	0			-1,200	4,221	3,021	3,021
RL-0042	0	0	0	0	0	0	0	0
Total	***0***	***0***	***-277***	***-4,295***	***-2,666***	***16,265***	***9,027***	***9,027***
February 2014 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	3,000	5,000	4,200	15,500	15,500
RL-0013	0	500	500	2,000	800	6,500	10,300	10,300
RL-0030	0	750	1,000	3,000	2,500	7,500	14,750	14,750
RL-0040	0	300	400	1,500	1,800	4,000	8,000	8,000
RL-0041	0	300	300	3,450	2,800	7,000	13,850	13,850
RL-0042	0	50	50	50	100	100	350	350
Total	***0***	***5,000***	***7,250***	***21,000***	***21,000***	***29,300***	***83,550***	***83,550***

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 -2/28/2014 Reporting Category				Projection to FY2018 Planned Subcontracting: $2,406,850,560 Contract-to-date awards: $2,076,099,697 Bal remaining to award: $330,750,863	
	$ Value	%	Goal %	Goal award$	Bal to Goal
SB	$1,026,685,548	49.45%	49.3%	$1,186,577,326	159,891,778
SDB	$178,872,726	8.62%	8.2%	$197,361,746	18,489,020
SWOB	$199,369,346	9.60%	7.5%	$180,513,792	(18,855,554)
HUB	$36,043,356	1.74%	2.2%	$52,950,712	16,907,357
VOSB	$120,037,554	5.78%	3.5%	$84,239,770	(35,797,784)
SDVO	$56,419,886	2.72%	1.3%	$31,289,057	(25,130,829)
NAB	$24,362,291	1.17%	N/A		
Large	$560,723,957	27.01%	N/A	PRC clause H.20 small business requirement	
GOVT	$2,128,878	0.10%	N/A	≥ 17% of total Contract Price performed by SB.	
GOVT CONT	$482,866,522	23.26%	N/A		
EDUCATION	$90,493	0.00%	N/A	Total Contract (mod 314):	$5,693,931,760
NONPROFIT_	$3,396,980	0.16%	N/A	17% rqmt:	$967,968,399
FOREIGN	$207,318	0.01%	N/A	SB actual:	$1,026,685,548
Total	**$2,076,099,697**	**100.00%**	**N/A**	**Bal to rqmt**	**(58,717,149)**

Notes:

1. Since the CHPRC contract award in October 2008, CHPRC has subcontracted over $2.07B in goods and services with over 49.4 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

February 2014
CHPRC-2014-02, 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	-	17,491 feet
Process Vacuum Piping Dispositioned	-	2,545 feet
Process Transfer Line Dispositioned	-	1,153 feet
Pencil Tank Units Removed	5	125 pencil tank units
Buildings Ready for Demo	-	32 structures
Buildings Demolished or Removed	-	32 structures
Non-radioactive Waste Shipped	1 m^3	42 m^3
TRU/TRU-M Shipped	- m^3	1,302 m^3
LLW/MLLW Shipped	14 m^3	4,414 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.
- Completed size-reduction of PRF Pencil Tank 16 (five units) and began seal-outs.
- Continued waste sweeps, packaging, and seal-outs of PRF First Floor West Gallery Glovebox.
- Continued PRF Miscellaneous Treatment (MT) Glovebox Isolation. Completed wet wiping in MT-1. Performed hood sweeps in south side and south wall of MT-3. Completed MT-3 south wall and floor cleaning. Continued wall and floor sweeps of MT-3. Continued wet wipe of MT-3 upper sections. Performed hood sweeps in MT-4 lower section. Performed hood sweeps in MT-6. Continued cleaning MT-6 walls and floor. Completed wall and floor sweeps on MT-6 upper section. Continued wet wipes of MT-6 upper section.
- Continued PRF Column Glovebox Mechanical Isolation. Lowered final pipe down criticality drain chute and began fabrication of criticality drain cutting rail and mock-up.

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	95% 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	Completed 2/24/14
			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	N/A
Total Recordable Injuries	0	6	N/A
First Aid Cases	4	45	• 2/11/2014 – Employee slipped when stepping into the entryway of the men's change room spraining his lower back (23305) • 2/12/2014 – Employee experienced tendinitis in his left hand (non-dominate) from operating sawsall for 1-1/2 to 2 hours (23307) • 2/12/2014 – Employee cut finger on locker with a sticky latch (23308) • 2/20/2014 – Employee experienced lower back strain after completing scaffold erection (23315)
Near Misses	0	1	N/A

KEY ACCOMPLISHMENTS

11.02 Maintain Safe & Compliant PFP

- Completed visual inspections of 291-Z Exhaust Fans (EF-2 thru EF-7, ET-8 and ET-9). Results will be provided to RL for evaluation as directed per PFP-13NSD0043_RL-1.
- Completed E3 filter media replacements in 236-Z and the HCA portions of the 234-5Z RMA and RMC lines. Completed six month Criticality Alarm System annunciation (horn) test.
- Supported two week DOE-HQ assessment of PFP Confinement Ventilation System.
- Completed readiness actions to implement Revision 9 of the Documented Safety Analysis and Technical Safety Requirements. Implementation is planned for Monday, March 3, 2014.
- Completed an Unreviewed Safety Question Determination and issued engineering documents allowing Building 242-ZA to be part of the 242-Z confinement ventilation pressure boundary.

11.05 Disposition PFP Facility

242-Z

- Continued work package planning for 242-Z.

RMA

- For the HA-9A glovebox (GB) in Room 235-A3:
  - Drained and removed Oxalic acid lines and Nitric Acid Lines.
  - Wiped down top and mid-level and sealed exhaust filters.
  - Secured mid-level motor in place.

RMC

- For the HC-17SBB, -17P, -17DC/HC-1G glovebox assembly in Room 228-C:

- Removed lead window, bulk lead, and east end top hat from HC-17 GB's.
- Removed the pipe stubs and E4 filter housing on top of HC-17.
- Started preparations for separating HC-17 GB's from RMC line.

- For the HC-9B GB in Room 228-A:
  - Completed draining and removal of HC-7C dilute and concentrated nitric acid lines.
  - Completed HC-9B mid-level size reduction of internal process equipment. Initiated waste seal-outs.

Backside Rooms

- Room 169 HA-40F GB D&D effort:
  - Completed Room 169/170 door/wall modifications.
  - Completed disassembly of F1 and F2 furnaces in HA-40F. Completed size reduction of F1 furnace, downsized furnace frame interferences and removed speed-rail frame, removed E-4 exhaust filter, performed sweeps and cleaning in HA-40F.

Plutonium Reclamation Facility (PRF)

- Pencil Tank Size-Reduction
  - Completed size-reduction of Pencil Tank 16 (five units) and began seal-outs.
- Gallery Glovebox Isolation
  - Continued waste sweeps, packaging, and seal-outs of First Floor West Gallery Glovebox.
- Miscellaneous Treatment Glovebox Isolation
  - Completed wet wiping in MT-1.
  - Performed hood sweeps in south side and south wall of MT-3. Completed MT-3 south wall and floor cleaning. Continued wall and floor sweeps of MT-3. Continued wet wipe of MT-3 upper sections.
  - Performed hood sweeps in MT-4 lower section.
  - Performed hood sweeps in MT-6. Continued cleaning MT-6 walls and floor. Completed wall and floor sweeps on MT-6 upper section. Continued wet wipes of MT-6 upper section.
- Column Glovebox Mechanical isolation
  - Lowered final pipe down criticality drain chute.
  - Began fabrication of criticality drain cutting rail and mock-up.
  - Switched-out gloves in Room 50 and Corridor 21.

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 February, 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 three viable alternatives to polyurethane foam
- Provided polyurethane foam alternative products to RL AMSE 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.

- Two systems, each capable of supporting a five person entry team are being fabricated
- Factory Acceptance Testing to take place March 11 and 12, 2014 at vendor's location in VA. PFP and AVS personnel will observe testing, evaluate the results and perform inspections of the systems
- Breathing Air Delivery Systems will arrive at Hanford by March 21, 2014
- One unit will initially be used to support training at HAMMER in late April

- 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.

- New NDA equipment is being evaluated to improve accuracy of Material At Risk (MAR) estimates.
- Team leader/project manager has been established.

RISK MANAGEMENT STATUS

Unassigned Risk
Risk Passed
New Risk
Change

Working - No Concerns
Working - Concern
Working - Critical

Increased Confidence
No Change
Decreased Confidence

Risk Title	Risk Strategy/Handling	Assessment		Comments
		Month	Trend	
RL-011/WBS 011				
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	↑	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	↔	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	↑	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.

Risk Title	Risk Strategy/Handling	Assessment		Comments
		Month	Trend	
RL-011/WBS 011				
PFP- 079 – Extend Respiratory Protection Time & Operating Efficiencies	Establishing expectations and behaviors that streamline the shift/pre-job briefings, dress/undress times to allow for additional on-tool time and achieve 2-entries per day. Monitor stay-times and work patterns to establish efficiency increases to 2.5 hours per entry. Achieve consistency in work package preparation to minimize down-time.			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.
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 implemented 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	Management Reserves may be required to acquire equipment and services to provide the required alternate temporary facility system services and functions during demolition preparation. 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 beyond those currently planned may be required to support building demolition. Currently identifying MAR that may remain and identifying CHPRC and DOE decision points to deactivate ventilation and fire systems. Evaluating 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

Risk Title	Risk Strategy/Handling	Assessment		Comments
		Month	Trend	
RL-011/WBS 011				
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.
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 shifted to focus on characterization of the A-labs E-4 duct during the month of February.

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 February. To mitigate schedule slippage characterization efforts are under way for E4 ducting/Filter boxes 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 when glovebox removal activities are complete.
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.

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 February alternate foaming agents were received and testing/documentation of results are still pending.
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	9.1	6.5	6.9	(2.6)	-28.4%	(0.4)	-5.9%

Numbers are rounded to the nearest $0.1M

CM Schedule Variance: (-$2.6M/-28.4%)

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 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: (-$0.4M/-5.9%)
The current month unfavorable cost variance is within reporting thresholds.

Contract-to-Date ($M)

WBS 011/ RL-0011 Nuclear Matl Stab & Disp PFP	Budgeted Cost of Work Scheduled	Budgeted Cost of Work Performed	Actual Cost of Work Performed	Schedule Variance ($)	Schedule Variance (%)	Cost Variance ($)	Cost Variance (%)	Budget at Completion (BAC)	Estimate at Completion (EAC)	Variance at Completion (VAC)
Total	664.6	647.3	678.5	(17.3)	-2.6%	(31.1)	-4.8%	933.4	951.4	(18.0)

Numbers are rounded to the nearest $0.1M

CTD Schedule Variance (-$17.3M/-2.6%)
The Schedule Variance is within reporting thresholds.

CTD Cost Variance (-$31.1M/-4.8%)
The cost variance is within reporting thresholds.

Variance at Completion (-$18.0M/-1.9%)
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 January to February 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)

WBS 011/RL-0011 Nuclear Matl Stab & Disp PFP	FY2014 Projected Funding	FY2014 Spending Forecast	FY2014 Spend Variance
RL-0011	106.9	102.8	4.1

Numbers are rounded to the nearest $0.1M

Funds/Variance Analysis
Projected Funding changed from $107.2 to $106.9M due to a $0.5M reduction of FY2014 Projected Funding for CHPRC. 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

The previous critical path ran through D&D of the 242-Z facility, however, the project is now assuming some 242-Z gloveboxes can be left in place for extraction during demolition, therefore significantly reducing the duration of D&D in 242-Z. The new PFP critical path runs through size reduction of the Plutonium Reclamation Facility (PRF) Pencil Tanks, Decontaminating/Scabbling/Fixing the PRF Canyon, Prepping the Gallery Gloveboxes and turning PRF into a Cold &Dark facility. This achieves completion of the M-083-44A TPA – *Complete Transition of 234-5Z & ZA/243-Z/291-1 & 291-Z Facilities* – and kicks off demolition of the 242-Z/242-ZA and 236-Z facilities leading to completion of the final TPA milestone – M-083-00A, *PFP Facility Transition and Selection Disposition Activities*.

Baseline Change Requests
BCRA-011-14-002R0 – *Chemical Mitigation Draining Activities WBS Revision*
BCRA-PRC-14-003R0 – *RCR Comment Resolution Gen Admin Changes to FY14 PMB Update Submittal*
BCR-PRC-14-006R0 – *PMB Comment Incorporation and Alignment to Contract Price*

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

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February 2014
CHPRC-2014-02, Rev. 0
Contract DE-AC06-08RL14788
Deliverable C.3.1.3.1 - 1

PROJECT SUMMARY

- RL approved the Preliminary Design Safety Analysis (PDSA), the Safety Design Strategy (SDS) (Revision 6), the Critical Decision (CD)-2/3, and the RL Sludge Treatment Project (STP) Project Execution Plan (PEP) on February 3, 2014. This completes all DOE O 413.3B approvals required for the project to procure, install, test, and accept the Engineered Container Retrieval and Transport System (ECRTS) project at 105KW Facility. STP technical staff continue to develop alternative strategies that have the potential to simplify the ECRTS design and operation. The results of the analysis associated with these initiatives will form the basis for a revision to the PDSA to be submitted for approval later this year.
- The Acquisition Planning Document for the ECRTS Process Equipment Fabrication Master Contract was approved by CHPRC and submitted to RL on February 4, 2014. The Acquisition Planning Document for the Sludge Transport and Storage Container (STSC) vessel procurement is being updated to incorporate internal review comments from CHPRC Contracts.
- Maintenance and Storage Facility (MASF) personnel completed STSC clean out activities and removed the STSC from the cask in preparation for new decant float arm and bubble buster ring (TRL-6 design) removal upgrades. Staff also fabricated a XAGO tool end effector prototype to assist with hard layer simulant break-up to alleviate XAGO tool tip plugging experienced during Integrated Process Optimization Demonstration (IPOD) Phase I demonstrations. Completed fabrication work on the STSC float arm, the control system multiplexer (mux) panels, modifications to the overfill recovery tool and test article STSC following the discovery of wear divots into the STSC wall caused from the overfill recovery performed in the IPOD, modifications to the mobilization tool to utilize Engineered Container (EC) lid slots rather than adding up to 32 additional mobilization ports to the EC lid and modifications to the test article STSC that removed the preliminary design bubble buster ring and installed a new decant arm and hinge mounting assembly matching the final design configuration.
- Garnet Filter testing continued with Phase 2 test setup with fabrication of hard pipe components and automated valve control system. A draft test report covering Phase 1 results is in the review cycle and should be approved by the Joint Test Group (JTG) by the end of February.
- Annex Construction passed all National Electrical Code (NEC) inspections for the conduits to support steel erection around the Annex building. Completed the work package approval for the installation of the mezzanine steel, interior hose-in-hose (HIH) shielding steel concrete placement, commercial grade dedication for all the steel in support of the mezzanine framing, and management assessment approval for the erection of the mezzanine steel. Delivered mezzanine steel to painting contractor for application of fire coating. Continued fabrication of steel members for the balance of Annex steel, erection of scaffold within the high bay to support the execution of the mezzanine installation and backfill activities between the HIH chase and the 105KW Facility, and west of the Annex building for the fire water backflow preventer assembly slab, and the area in front of the hydronic equipment slab. Initiated the application of fire coating to mezzanine steel in the shop. Released the structural steel constructability design change notice (DCN-132). Completed the erection of scaffold within the high bay to support mezzanine installation, remaining backfill activities for the Annex building, and continued the application of fire coating to mezzanine steel in the shop and fabrication of steel members for the balance of Annex steel.
- Detailed design for all the T Plant modifications necessary to receive STSCs has been completed with the last facility modification packaged issued February 3, 2014. The project has resolved 10 out of 14 comments on the Fire Hazards Analysis (FHA) with the fire department. CHPRC received a code interpretation from their consultant (a member of the National Fire Protection Association [NFPA] Hazardous Materials technical committee) in response to the fire department comments. This has been sent to the fire department in response to one of their main comments on the FHA.

- 105KW Facility Operations continued work on planning activities associated with debris identification, dosing, and relocation; dose rate of settler tubes; XO Lab asbestos cleanup; heating, ventilation, and cooling (HVAC) preventive and corrective maintenance; and skimmer pump replacement. During performance of the annual 32-ton crane preventive maintenance, it was noted that there were two faulty limit switches. A replacement is on order with a six to eight week lead-time. The skimmer pump area was decontaminated with the exception of a small area around the pump; the floor needs to be re-painted prior to down posting the high contamination area. Cleanup of roofing material from the ground around 105KW Facility was completed on February 12, 2014. Recent winds have resulted in additional roofing material being blown to the ground.

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	2	N/A
First Aid Cases	2	8	2/06/14 – Employee bumped into some furniture with thigh. Body part affected: Thigh (23306) 2/24/14 – Employee stood after being seated in a chair and experienced back pain. Body part affected: Low Back (23316)
Near-Misses	0	0	N/A

KEY ACCOMPLISHMENTS

Preliminary Documented Safety Analysis (PDSA) – CD-2/3 Report

- RL approved the PDSA, the SDS (Revision 6), the CD-2/3, and the RL STP PEP on February 3, 2014.

ECRTS Fabrication Contract

- The Acquisition Planning Document for the ECRTS Process Equipment Fabrication Master Contract was approved by CHPRC and submitted to RL on February 4, 2014.

Integrated Process Optimization Demonstration (IPOD)

- MASF personnel completed STSC clean out activities and removed the STSC from the cask in preparation for new decant float arm and bubble buster ring (TRL-6 design) removal upgrades.
- Fabricated a XAGO tool end effector prototype to assist with hard layer simulant break-up to alleviate XAGO tool tip plugging experienced during IPOD Phase I demonstrations.
- Completed fabrication work on the STSC float arm.
- Completed fabrication of control system multiplexer (mux) panels
- Completed modifications to the overfill recovery tool and test article STSC following the discovery of wear divots into the STSC wall caused from the overfill recovery performed in the IPOD.
- Completed modifications to the mobilization tool to utilize EC lid slots rather than adding up to 32 additional mobilization ports to the EC lid.
- Completed modifications to the test article STSC that removed the preliminary design bubble buster ring and installed a new decant arm and hinge mounting assembly matching the final design configuration.

K West Annex Construction

- Passed all NEC inspections for the conduits to support steel erection around the Annex building.
- Completed the work package approval for the installation of the mezzanine steel.
- Completed installation of interior hose-in-hose shielding steel concrete placement.
- Completed the commercial grade dedication for all the steel in support of the mezzanine framing.
- Completed the management assessment approval for the erection of the mezzanine steel.
- Delivered mezzanine steel to painting contractor for application of fire coating.
- Continued fabrication of steel members for the balance of Annex steel.
- Continued the erection of scaffold within the high bay to support the execution of the mezzanine installation.
- Released the structural steel constructability design change notice (DCN-132).
- Completed the erection of scaffold within the high bay to support mezzanine installation.
- Completed remaining backfill activities for the Annex building.

T Plant Design Work

- The detailed design for all the T Plant modifications necessary to receive STSCs has been completed with the last facility modification packaged issued February 3, 2014.
- The project has resolved 10 out of 14 comments on the FHA with the fire department. CHPRC received a code interpretation from their consultant (a member of the NFPA Hazardous Materials technical committee) in response to the fire department comments. This has been sent to the fire department in response to one of their main comments on the FHA.

105KW Facility Operations

- Continued the 32-ton crane annual maintenance. During performance of the annual 32-ton crane preventive maintenance, it was noted that there were two faulty limit switches. A replacement is on order with a six to eight week lead-time.
- Decontaminated skimmer pump area with the exception of a small area around the pump.
- Completed cleanup of roofing material from the ground around 105KW Facility.

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.	●	⟷	The C/D Letter of Approval was transmitted to CHPRC on 2/3/2014. There were 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.	●	⟷	The PDSA approval letter was transmitted on 2/3/2014. 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.	●	⟷	ECRTS Procurement priorities have been established and identified four series of procurements.

STP-111B: Basin ECRTS Installation Contractor/ Subcontractor Performance	Closely coordinate, plan, and monitor construction using detailed field schedules to minimize impacts. Re-train construction personnel on procedures for performing construction activities. Include in baseline budget to cover additional management oversight support for construction, planning, safety and project management to accommodate the potential impacts. Interface between existing organizations will need to be closely coordinated, planned, and monitored. Mitigation strategy is to provide extensive oversight on subcontractors work scope.			Working with Procurement and PTS to award contract/BOA to qualified and competent supplier. Once contractor is selected, a tailored oversight approach will be developed based on supplier, work scope, and hazards.
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.			A Corrective Action plan is in place with the primary construction contractor. CHPRC has increased oversight over the contractor to ensure performance improvements are obtained. Even though oversight has increased and CHPRC personnel have been seconded to the subcontractor, performance continues to be below plan.
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.			Design issues continue to be identified on the project. To date, CHPRC has received 352 RCI's that have resulted in 163 Design Change Notices affecting physical construction changes. CHPRC is working to correct and minimize these issues and maintain progress on the project. The process for streamlining RCI responses is in place. However, the quantity and scope of the changes continues to be above the baseline plan.
STP-ANX-028: Annex Acquisition – Programmatic Risk	CHPRC is proceeding with contract strategy for the Annex Construction.			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	4.4	4.0	4.7	0.4	-9.4%	(0.7)	-17.0%

Numbers are rounded to the nearest $0.1M

CM Schedule Performance (-$0.4M/-9.4%)
Variance is within reporting thresholds.

CM Cost Performance (-$0.7M/-17.0%)
Cost variance is due to contract change impacts associated with sequestration and baseline funding/priority changes.

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	404.3	403.9	413.4	(0.4)	-0.1%	(9.5)	-2.4%	690.9	700.6	(9.6)

Numbers are rounded to the nearest $0.1M

CTD Schedule Performance (-$0.4M/-0.1%)
Variance is within reporting thresholds.

CTD Cost Performance (-$9.5M/-2.4%)
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)

	FY2014		
RL-0012 Spent Nuclear Fuel Stabilization and Disposition	Projected Funding	Spending Forecast	Spend Variance
RL-0012	72.2	71.6	0.6

Numbers are rounded to the nearest $0.1M.

Funds/Variance Analysis
Projected Funding changed from $72.3M to $72.2M due to a $0.5M reduction in Projected Funding for CHPRC. The spending forecast was increased from $70.7M to $71.6M due to continuing to realize risks and the associated uncertainties with the Annex Construction.

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 105KW Facility, 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

BCRA-PRC-14-003R0 – *RCR Comment Resolution Gen Admin Changes to FY14 PMB Update Submittal*
BCR-PRC-14-006R0 – *PMB Comment Incorporation and Alignment to Contract Price*

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

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February 2014
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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 4 tankers, 14.5k gallons. Canister Storage Building (CSB) continued Multi-Canister Overpack (MCO) monitoring. The Effluent Treatment Facility (ETF) repaired and returned to service the Uninterrupted Power Supply (UPS). Waste Receiving and Processing Facility (WRAP) performed High Energy Real Time Radiography (HERTR) operations of two Environmental Restoration Disposal Facility/Washington Closure Hanford (ERDF/WCH) concrete drums and HERTR six month interlock test and leak check.

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	1	N/A
Total Recordable Injuries	0	2	N/A
First Aid Cases	2	42	• 2/3/14 – Employee was decontaminating equipment while in an awkward position causing back pain. Body part affected: Low back (23300) • 2/13/14 – Employee lost balance and hyperextended knee. Body part affected: Knee (23310)
Near Misses	0	1	N/A

KEY ACCOMPLISHMENTS

13.01 Project Management

- Continued Project Management support for high priority projects
- Received authorization of approved Buy Back items (accelerations, transfers from Contract Line Item Number (CLIN) 7, and some new contract scope 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

- Engineering observed vendor calibration of a failed Radiation Indicator Transmitter (RIT) detector consistent with the draft comprehensive troubleshooting/repair strategy plan.
- Completion of repairs to failed 1600 amp main breaker are on schedule for mid to late April
- Supported WDOH radioactive air emissions inspection for 296B-10 stack at WESF
- Completed monthly Technical Safety Requirement (TSR) and environmental Preventive Maintenance (PM) and surveillance activities.
- Completed 27 Preventive Maintenance activities
- Performed belt and sheave replacement on K3 exhaust fans
- Performed calibration and 30 Day function test of Pool Cell Gamma monitor and returned system to operable status
- Supported the 10CFR851 DOE assessment with several personnel from WESF/CSB which participated in round table discussions with the assessment team
- Made first G-Cell entry to re-lamp prior to Capsule Transfer Cart Assembly Modifications
- WESF Stabilization and Ventilation Project:
  - Change Order received from RL, with direction to proceed with 2014 activities
  - Change proposal on schedule to be transmitted to RL by March 13, 2014.
  - Design work has commenced on the K3 filter system to support the KPG
- Dry Storage Preparations:
  - Authorization to perform FY2014 Buy Back scope received on February 20, 2014
  - Initiated work on Field Execution Schedule

13.03 Canister Storage Building (CSB)

- Continued Multi-Canister Overpack (MCO) monitoring program.
- Relocated MCO H-159 to sample station
- Completed:
  - Annual crane rail-clip hold-down bolt torque verification Technical Safety Requirement (TSR)
  - Annual cask receiving crane inspection
  - Semi-annual High Efficiency Particulate Air (HEPA) filter test for main filter banks PF-001 & PF-002
  - Quarterly air compressor CX-1A & CX-1B inspection
- Initiated repairs to air handler AH-001

13.07 Waste Receiving and Processing Facility (WRAP)

- Performed/Completed:
  - High Energy Real Time Radiography (HERTR) operations of two Environmental Restoration Disposal Facility/Washington Closure Hanford (ERDF/WCH) concrete drums
  - HERTR six month interlock test and leak check
  - Contract award for performance of the annual Preventive Maintenance (PM) on the HERTR Linatron Generator
- Surveillances:
  - 12 Technical Safety Requirement (TSR) surveillances
  - 16 Preventive Maintenance (PM) packages
  - 58 Radiological (Rad) surveillances
  - 34 Operational surveillances

13.08 T Plant

- Completed:
  - Procedure validations and dry runs in preparation for venting

  - Industrial Hygiene (IH) Beryllium (Be) sampling in 271T
  - Receipt of three Abnormal Container Management Program (ACMP) drums for venting
- Surveillances:
  - Three TSR surveillances
  - 258 Rad surveillances
  - 16 PM packages
  - 182 Operational surveillances

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

- Performed load test of Navy reactor transport
- Presented the acceptable knowledge fact sheet to the Washington State Department of Ecology (WDOE) for the next fiber-reinforced plywood (FRP) waste package planned for shipment to Perma-fix Northwest (PFNW)
- Delivered four weeks of inspection records per the agreed schedule in accordance with the Agreed Order (AO)
- Completed:
  - 10 TSR surveillances
  - 17 PM packages
  - 130 Rad surveillances
  - 60 Operational surveillances

13.11 Liquid Effluent Facilities (LEF)

- Effluent Treatment Facilities (ETF)
  - Heat Exchanger:
    - Heat exchanger developed a leak during Basin 42 processing campaign
    - Engineering white paper with recommendation to replace Heat Exchanger completed and submitted to RL
    - Draft outline of ETF path forward white paper presented to RL for review
  - Uninterrupted Power Supply (UPS):
    - System repaired and returned to service
- Processed 34 drums in Thin Film Dryer System
- Received four tankers:
  - 14.5 gallons (24.8K calendar year [CY])
- Treated effluent to State-Approved Land Disposal Site:
  - 0.64M gallons (1.9M CY)
- Discharged to 200A Treated Effluent Disposal Facility (TEDF):
  - 24.6M gallons (32.3M FY) High volume due to 242A cooling water
- Received Environmental Restoration Disposal Facility (ERDF) Leachate
  - 178K gallons (776K CY)
- Provided briefing on Liquid Waste Stream Alternatives to 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 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
  - 12 Rad surveillances
  - Four Operational surveillances
  - Transition of Mixed Waste Trench (MWT) 31/34 leachate collection systems operation from ETF personnel
- Shipments:
  - Received five shipments totaling ten waste packages from Perma-Fix Northwest (PFNW) and disposed the waste into Trench 31
  - Shipped two tankers of MWT leachate to the Liquid Effluent Retention (LERF)/ETF (one from T31 and one from T34)

MAJOR ISSUES

Issue: TRU Waste Shipment Requirement Change. A recently received DOT interpretation of road closure requirements has impacted ability to perform shipments to offsite repackaging subcontractor

Corrective Action: RL is working arrangement with other Federal Agency (Bonneville Power Administration) for use of Federal drivers. Expect shipment(s) to resume in mid-March, 2014

Status: TRU shipments suspended

Issue: Deteriorating Waste Containers - condition of retrieved and repackaged containers are showing increased degradation requiring additional mitigation activities

Corrective Action: Significant risk remains. TRU Disposition activities would prepare the contents of these containers in a configuration suitable for eventual disposal at the Waste Isolation Pilot Plant. This configuration would also mitigate/eliminate the risk and cost for long-term management of these containers

Status: Using the best demonstrated available technology to provide adequate configuration and minimize the potential for contamination spread during the long-term storage (i.e. protecting boxes with tarps or protective shoring and overpacking drums)

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.	Yellow	↑	BCR, *Incorporate NTE for CO #228, Activities in Support of Ecology Agreed Order*, scheduled for March implementation. Change Proposal to be completed in April.
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. Evaluate additional waste volumes of TRU waste being sent to treatment contractors to maintain contract viability.	Yellow	↓	Forecasted volumes from CHPRC Projects may not allow commercial capability to remain viable. Shipments impacted due to equipment issues and new to road closure requirements. Issues to be resolved in March.
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.	Yellow	↑	Initiated mobilization for LERF cover cleaning and Trench 94 biological contamination.
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.	Red	↑	Legacy containers in expansion area are requiring additional resources. 82 boxes identified for covering – Scheduling resources to commence operation. Procedure for "Watch List" containers to be issued in March.
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.	Red	↔	• Heat exchanger developed leak and shutdown. Engineering White Paper indicates that exchanger is unrepairable. • ETF Heat Exchanger procurement initiated in October. FY14 RL priorities necessitated the cancellation of the procurement and deferral (including installation) to FY15. • Continuing to experience greater than planned maintenance at ETF and LERF. • WESF roof replacement completed – Punch list items to be completed in spring. • Repairs needed to 2404-WB floor • BCR to be processed in March to add T-Plant fire barrier work scope in baseline

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 compliance matrix and implementing actions/documents. Agreed Order contains subjective language that could be interpreted differently.

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	7.2	7.3	4.8	0.2	2.5%	2.5	34.6%

Numbers are rounded to the nearest $0.1M

CM Schedule Performance (+$0.2M/+2.5%)
The current period favorable schedule variance is within threshold.

CM Cost Performance (+$2.5M/+34.6%)
The current month favorable cost variance is due to the implementation of planned efficiencies.

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

WBS 013/RL-0013 Waste and Fuels Management Project	Budgeted Cost of Work Scheduled	Budgeted Cost of Work Performed	Actual Cost of Work Performed	Schedule Variance ($)	Schedule Variance (%)	Cost Variance ($)	Cost Variance (%)	Budget at Completion (BAC)	Estimate at Completion (EAC)	Variance at Completion (VAC)
Total	823.5	823.8	799.6	0.3	0.0%	24.2	2.9%	1,339.9	1,267.2	72.6

Numbers are rounded to the nearest $0.1M

CTD Schedule Performance (+$0.3M/+0.0%)
The schedule variance is within threshold.

CTD Cost Performance (+$24.2M/+2.9%)
The favorable cost variance is within threshold.

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

The change in EAC from January to February 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	83.9	83.4	0.5

Numbers are rounded to the nearest $0.1M.

Funds/Variance Analysis
Projected Funding changed from $83.8M to $83.9M due to a credit for a tent exhauster and filter housing provided to Washington Closure Hanford partially offset by the RL-0013 share of a $0.5M reduction in Project Funding for CHPRC. The change in FY2014 Spending Forecast from $83.2M to $83.4M is primarily driven by increased Crane and Rigging support and additional labor to support of LERF Basin cleanup.

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

Baseline Change Requests
BCR-013-14-005R0 – *Revise PMB to Reinstate Cs/Sr Dry Storage Estimate*
BCR-PRC-14-003R0 – *RCR Comment Resolution/Gen Admin Changes to FY14 PMB Update Submittal*
BCR-PRC-14-006R0 – *PMB Comment Incorporation and Alignment to Contract Price*

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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Environmental Program
and Strategic Planning

February 2014
CHPRC-2014-02, Rev. 0
Contract DE-AC06-08RL14788
Deliverable C.3.1.3.1 - 1

PROJECT SUMMARY

Pump-and-Treat (P&T) Operations continued and progress made on the *Comprehensive Environmental Response, Compensation, and Liability Act of 1980* (CERCLA) remedial process documentation for the River Corridor and Central Plateau. The project completed TPA Milestone M-015-76, monitoring well installation for 100-BC-5 operable unit. Sampling and groundwater treatment completed in February 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	12.9	115.3	14.8	104.9	-	-	-	-	-	-
HX P&T	19.7	116.9	1.8	11.2	-	-	-	-	-	-
KR-4 P&T	11.1	57.9	0.55	2.35	-	-	-	-	-	-
KW P&T	10.4	63.4	1.1	6.9	-	-	-	-	-	-
KX P&T	21.5	107.9	1.9	10.2	-	-	-	-	-	-
200 West P&T	56.0	291.4	5.6	28.1	206	1,085	3,919	20,427	$.089x10^{12}$	$.422x10^{12}$
Combined	**131.6**	**752.8**	**25.7**	**163.6**	**206**	**1,085**	**3,919**	**20,427**	**$.089x10^{12}$**	**$.422x10^{12}$**

Sampling	February	FY2014 Cumulative
Well Sampling Events	170	925
Aquifer Tube Sampling Events	40	301
Total Number of Sampling Events	210	1,226
Samples Collected	1,465	5,912
Analyses Performed	2,156	9,533

EMS Objectives and Target Status

Objective #	Objective	Target	Due Date	Status
14-EMS-SGWR-OB1-T1	Reduce air emissions at the 200 West P&T Facility	Update air emissions baseline for 200 West P&T 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	80% complete
14-SGWR-EMS-OB2-T1	Reduce the amount of toxic and/or hazardous materials in the environment	P&T 1.8 billion gallons of contaminated groundwater from all P&T facilities during FY2014.	9/30/14	On schedule

Objective #	Objective	Target	Due Date	Status
		The volume of contaminated groundwater that is treated as measured in gallons.	Monthly	753M gallons treated through 2/28/14
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	1	2	**2/4/2014** – Employee was loading truck with construction hard hat liners in preparation for travel to construction site. As the employee closed the door of the truck his gloved hand caught on the door latch. The door closed on the employee's right little finger. The employee did not realize the severity of the injury until later when the glove covering the finger was removed. At that time, the employee observed that the nail of the finger was protruding from the nail bed and that there was a laceration to the finger. The employee reported the injury and was transported to the site medical facility. The injury required treatment beyond first aid and the employee was transported to Kadlec Regional Medical Center. An x-ray was taken of the involved finger and a Tuft fracture detected. The involved laceration was sutured and the employee was given prescriptions for pain and antibiotics. (23302) PTS

	CM Quantity	Rolling 12 Month	Comment
First Aid Cases	2	23	**2/13/2014** – Employee was hoisting a bailer off the trailer and during the handoff to co-worker, the bailer telescoped down and struck his left foot above the safety toe. Work was stopped and employee was taken to site medical. Foot was x-rayed and found negative for fracture. Injury was treated with a cold pack and over the counter medication and returned to work with no restrictions. (23309) S&GRP **2/18/2014** – Employee was on a work platform pulling the tarp across the ERDF container when he felt a "pop" and pain in his right shoulder. He reported the injury to his supervisor and was taken to site medical. He was treated with a cold pack for a shoulder strain and released to return to work without a restriction. (23312) S&GRP
Near-Misses	0	2	N/A

KEY ACCOMPLISHMENTS

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

Strategic Integration

- Central Plateau Strategy
  - Supporting RL in discussions with regulators concerning Inner Area Principles, RCRA/CERCLA integration and near term closure plan requirements.
  - Implementing "buyback" list scope for developing the EIS model for groundwater unit application and completion of Central Plateau Cleanup Principles.

River Corridor
100-BC-5 Operable Unit

- The monitoring well installation milestone, M-015-76, was met and the eight wells were completed on February 13, 2014. A letter to RL (CHPRC-1400573) stating attainment of this milestone was transmitted on February 24, 2014.
- The newly installed monitoring wells are being scheduled for sampling at the earliest opportunity.

100-KR-4 Operable Unit

- Well 199-K-205 (new KW extraction well at the KW head house) was accepted.
- Initiated construction of well 199- K-206 (new KW injection well).
- Completed four well realignments from KX transfer building 1 to KX process building.

100-HR-3 Operable Unit

- Finalized the data quality objectives/sampling instruction (DQO/SI) to assess groundwater impacts of the residual contamination within the 100-D-100 excavation bottom on February 24, 2014.
- First round of surface soil sampling of 100-D-100 was completed on February 27, 2014.
- Resumed operation of Injection wells for the DX treatment system on February 27, 2014.

100-FR-3 Operable Unit

- Weekly meetings are underway with RL and EPA to review and resolve legal comments on the draft final proposed plan. The final Rev. 0 documents (RI/FS, PP, and fact sheet) are anticipated to be

completed during the March through April timeframe.

100-NR-2 Operable Unit

- Working with RL, MSA and the Tribes to prepare a Section 106 Cultural and Ecological Review for the apatite injection project scheduled for 2014.
- Submitted the draft Rev. 0 RD/RAWP to Ecology for review. This work plan is required to complete the apatite injection project in 2014.
- Completed comment resolution for the RI/FS Report (Draft A) through Chapter 4 and submitted three technical position papers on difficult and policy-related Ecology comments.

Central Plateau

200-IS-1, 200-SW-2 & 200-WA-1 RI/FS Work Plans

- The teams for 200-IS-1, 200-WA-1 and 200-SW-2 RI/FS work plans have been coordinating closely with the regulatory agencies to determine the key issues and schedule associated with the completion of each of the work plans. The team has prepared draft summaries for each of the OUs, met with the regulatory agencies, incorporated comments and finalized the summaries. In addition, the team has met with RL to finalize the scope and schedule for the Principles Document and the Graded Approach Parameters Document.

200-UP-1 Operable Unit

- Change Proposal 251 is being prepared to add a uranium extraction system and treatment capacity to the 200 West P&T facility. The procurement process for design services and the uranium ion exchange skid was initiated.

200 West P&T

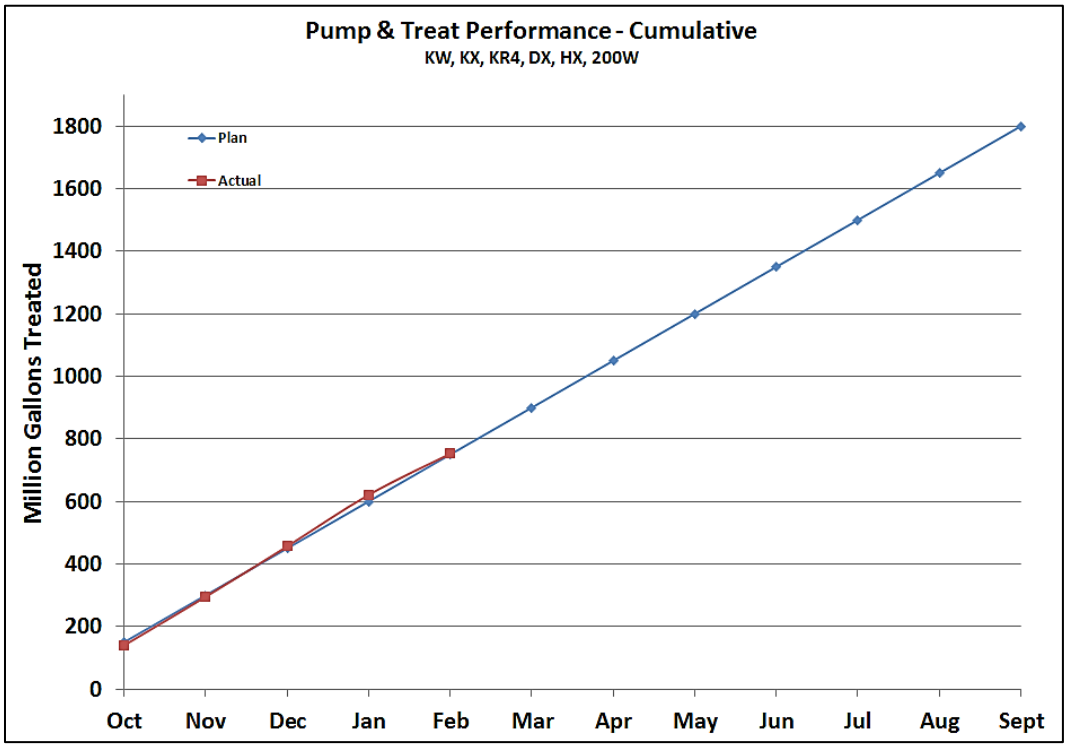
- Average pumping rate for February was 1,379 gpm.
- Effluent concentrations remain below cleanup levels specified in Record of Decision (ROD).
- Plant flow was reduced on February 6, 2014, and resumed normal operations on February 13, 2014 for the following two reasons: First, the micronutrient shipment was delayed due to shipping difficulties at the vendor site and weather conditions. Plant flow was slowed to give a comfortable margin for the remaining inventory. Second, extreme weather caused ice formation in the conveyors of the lime system and, as a result, the lime system was shut down after 15 minutes into the run on February 6. Due to the high level of tank sludge, plant flows were reduced until the lime system became operational. A return to normal flow occurred on February 13.

200-DV-1 Operable Unit

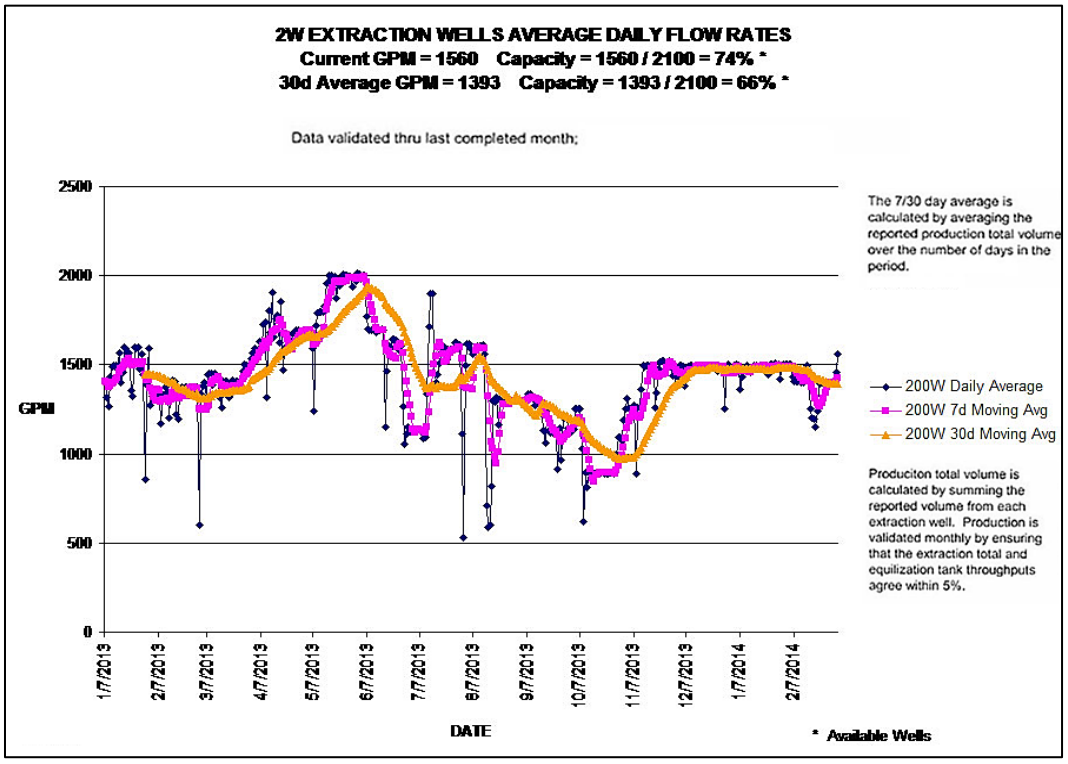
- New extraction wells 299-E33-351 and299-E33-350 are in process of construction and development.
- The B Area perched water extraction system removed 5,516 gallons in February, bringing the total volume of perched water removed to 187,390 gallons since initiating operations on August 30, 2011. The following quantities of contaminants were removed for the month of February:

Contaminant	February	Cumulative (since startup)
Tc-99	6.9E-04 Ci	22.6E-03 Ci
Uranium	2.2 kg	37.1 kg
Nitrates	9.9 kg	383.5 kg

FY2014 P&T Operations



200 West P&T Operations



MAJOR ISSUES

Issue – The 100-K RI/FS and Proposed Plan documents are on hold pending drilling and sampling of 100-KE 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 100-KE 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 100KE 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). The project expects to receive the change order for the 100-K borehole planning activity in March. This is the last report of this issue.

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	No Change	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 are being successful in resolving Ecology's 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 - Critical	Decreased Confidence	CHPRC is working closely with MSA 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.

Risk Title	Risk Strategy/Handling	Assessment		Comments
		Month	Trend	
RL-030/WBS 030				
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.			Several actions are underway to reduce the amount of groundwater sampling that is required by regulatory documents. First, three TPA CNs have been approved by EPA to reduce 300 Area post-ROD sampling. Second, revised monitoring plans based on refined sampling objectives for 100-K and 100-D/H have been provided to RL for review. Finally, a plan to reduce the amount of SAPs and associated sampling is under preparation and is on schedule 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.			Pre-inspections continue to avoid failed trips.
SGW-159: Ability to Maintain Flow Rates through P&T 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 P&T	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.			P&T 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	7.5	9.2	8.1	1.7	22.6	1.1	11.4

Numbers are rounded to the nearest $0.1M.

CM Schedule Performance (+$1.7M/22.6%) exceeds reporting thresholds due to:

- Implemented a change to separate the 200 West P&T operations activity from preventative and corrective maintenance resulting in the point adjustment in the current month from re-planning maintenance.
- Encountered favorable field conditions during the M-24 well drilling campaign.
- Implemented definitized change for Change Order 222 – *100-BC-5 OU Well Drilling and Aquifer Tube Installation and Sampling*. Implementation of the definitized change order resulted in completion of drilling based on eight wells versus 11 previously identified.
- Completed well and aquifer tube sampling ahead of schedule. Associated analysis and data management activities are ahead of schedule as well.

CM Cost Performance (+$1.1M/+11.4%) exceeds reporting thresholds due to:

- Maintenance and fleet service costs were lower than expected.
- Point adjustment in February due to implementation of BCR to add budget in FY2014 to align with workforce restructuring needs.
- Groundwater sample collection was performed efficiently and the associated analytical costs reflect lower cost analytes.
- The variance was partially offset by increased integrated field work spending on spare parts to stock up on long lead/difficult to replace inventory items for the 200 West P&T and receiving a cost transfer for FY2014 co-ops mentor support.
- The project experienced higher costs on the repair/replacement of the KX pipe header. The work was planned to be performed by HAMTC and the labor determination resulted in it being performed by construction forces.

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	942.7	942.6	935.2	(0.0)	-0.0	7.4	0.8	1,510.5	1,497.5	12.9

Numbers are rounded to the nearest $0.1M.

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

CTD Cost Performance (+$7.4M/+0.8%)
Variance is within reporting thresholds.

Estimate at Completion (EAC)

The Estimate at Completion increased by $19.2M from January to February. The primary contributors to this included an increase of $11.6M for the FY2015-FY2018 geophysical sciences/logging brought into the PMB from CLIN7; definitization and implementation of Change Order 229 – 100-NR-2 Vadose Zone Barrier for an additional $3.9M; and receipt of NTE for Change Order 251 – 200-UP-1 Uranium Treatment at 200 West P&T for an additional $3.7M.

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	121.5	120.3	1.2

Numbers are rounded to the nearest $0.1M.

Funds/Variance Analysis
Projected Funding changed from $121.6M to $121.5M due to a $0.5M reduction in Projected Funding for CHPRC. The spending forecast was increased from $119.7M to $120.3M due to need for 200W Pump-and-Treat spare parts and equipment, HR-3 100-D-100 Area remediation and EIS modeling support.

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

Baseline Change Requests
BCR-PRC-14-006R0 – *PMB Comment Incorporation and Alignment to Contract Price*
BCRA-PRC-14-003R0 – *RCR Comment Resolution/Gen Admin Changes to FY14 PMB Update Submittal*

FY2014 Management Reserve (Funded): $0.75M

No Management Reserve was used during February.

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-091-40L-041	PMM Submittal Oct-Dec 1st Qtr. FY2014 Burial Ground Sample Results	TPA	3/15/14	2/5/14		Complete per email correspondence to RL.
M-015-76	Install additional well monitoring network as specified in revised 100-BC-1, 2 and 5 RI/FS Work Plan/SAP	TPA	2/28/14	2/13/14		Complete per CHPRC-1400573.
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			Resolution dispute was extended on February 12, 2014 via TPA change notice to March 14, 2014.
M-015-113	Submit Draft B, 200-SW-2 Radioactive Landfills Group RFI/CMS/RI/FS Work Plan to Ecology	TPA	2/28/14			Resolution dispute was extended on February 12, 2014 via TPA change notice to March 14, 2014.
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			On schedule/RL is self-performing the preparation of these closure plans with CHPRC review support.
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

Number	Title	Type	Due Date	Actual Date	Forecast Date	Status/ Comment
M-015-38B	Submit Revised FS & PP for 200-CW-1, 200-CW-3, & 200-OA-1 Operable Units	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
M-024-65	DOE Shall Complete Construction of all Wells Listed	TPA	12/31/14		12/31/14	On schedule
M-091-40L-045	PMM submittal Oct-Dec 1st Qtr. FY2015 Burial Ground Sample Results	TPA	3/15/15		3/15/14	On schedule
M-015-110A	Submit RFI/CMS & RI/FS Work Plan for 200-DV-1 OU to Ecology	TPA	3/31/15		3/31/15	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
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February 2014
CHPRC-2014-02, 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 60 radiological facility surveillances, and completed 17 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	0	2	N/A
Near-Misses	0	0	N/A

KEY ACCOMPLISHMENTS

- Performed Waste Information Data System (WIDS) waste site housekeeping (tumbleweed removal, corrected posting issues)
- Completed:
  - 60 radiological facility surveillances
  - 17 preventive maintenance (PM) activities
- Continued site prep for PUREX Tank 11 asbestos abatement
  - Initiated asbestos cleanup activities
  - Initiated radiological survey activities

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.			Removing asbestos from PUREX tank to reduce risk of unexpected industrial contamination.
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.			DOE has authorized Canyon Facility Risk Mitigation activities including roof repairs, regulatory documentation to support remediation of degraded facilities, and investigation of PUREX contamination. A BCR is in development to add these activities to the baseline.
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. Received authorization to repair/abate ~1,100 linear feet of steam line.

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	1.1	0.9	0.7	(0.2)	-15.6%	0.2	21.6%

Numbers are rounded to the nearest $0.1M

CM Schedule Performance: (-$0.2M/-15.6%)
Variance is within threshold.

CM Cost Performance: (+$0.2M/+21.6%)
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	381.1	380.4	350.5	(0.7)	-0.2%	29.8	7.8%	490.2	458.0	32.2

Numbers are rounded to the nearest $0.1M

CTD Schedule Performance: (-$0.7M/-0.2%)
Variance is within threshold.

CTD Cost Performance: (+$29.8M/+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 ($1.4M), 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 ($1.5M).

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
Projected Funding and Spending Forecast are unchanged from the prior month.

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

Baseline Change Requests
BCR-040-14-003R0 – *Implementation Area and Subsequent Unit for Individual Development WBS Structure Incorporation*
BCRA-PRC-14-003R0 – *RCR Comment Resolution/Gen Admin Changes to FY14 PMB Update Submittal*
BCR-PRC-14-006R0 – *PMB Comment Incorporation and Alignment to Contract Price*

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)

February 2014
CHPRC-2014-02, Rev. 0
Contract DE-AC06-08RL14788
Deliverable C.3.1.3.1 - 1

PROJECT SUMMARY

Continued planning for asbestos abatement in the 165KE facility. Completed routine surveillances. Mobilized equipment (generator) and scaffolding installation at 105KE Reactor roof repair.

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

- Mobilized equipment (generator) and scaffolding installation at 105KE Reactor roof repair
- Continue planning for asbestos abatement in the 165KE facility
- Completed Surveillances
  - o Radiological – 8
  - o WIDS – 2

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:
Work is in the planning stage, repair development, schedule/cost, and equipment have been mobilized.

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.			Installation of two additional KE Characterization wells. UPR-100-K1; 116-KE-3. Buy Back authorized $1.1M (in 2014 FYSF). Awaiting DOE contract change order/modification to initiate change proposal and planning.
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. DOE authorized the repair of KE Roof and a BCR is in development to add this scope to the baseline.

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	0.6	0.6	0.1	(0.0)	-0.0%	0.4	77.2%

Numbers are rounded to the nearest $0.1M

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

The variance is within reporting threshold.

CM Cost Performance (+$0.4M/+77.2%)

The variance is within reporting threshold.

Contract-to-Date
($M)

WBS 041/ RL-0041 Nuclear Facility D&D – River Corridor	Budgeted Cost of Work Scheduled	Budgeted Cost of Work Performed	Actual Cost of Work Performed	Schedule Variance ($)	Schedule Variance (%)	Cost Variance ($)	Cost Variance (%)	Budget at Completion (BAC)	Estimate at Completion (EAC)	Variance at Completion (VAC)
Total	304.6	304.6	280.7	0.0	0.0%	24.0	7.9%	390.5	366.4	24.1

Numbers are rounded to the nearest $0.1M

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

The schedule variance is within threshold.

CTD Cost Performance (+$24.0M/+7.9%)

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:
Projected Funding and Spending Forecast are unchanged from the prior month.

Critical Path Schedule
Critical Path Analysis can be provided upon request.

Baseline Change Requests
BCRA-PRC-14-003R0 – *RCR Comment Resolution/Gen Admin Changes to FY14 PMB Update Submittal*
BCR-PRC-14-006R0 – *PMB Comment Incorporation and Alignment to Contract Price*

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)

February 2014
CHPRC-2014-02, 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

- **400 Area Septic System**
  - Completed backfill of the new septic tank
  - Performed system testing
  - Correction of identified deficiencies is in process
- **Completed**
  - Four PM activities/operational surveillances
  - Four radiological surveillances
  - Evaluated alternate storage location for material and commenced cleanup/move from 440 Pad to Building 4802

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; Building 4802.

Status – Continue material relocation to Building 4802 as 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).			Drafting O&M manual to provide to Department of Health as Permit condition and initiating contract closeout with construction closeout.

PROJECT BASELINE PERFORMANCE
Current Month
($M)

RL-0042 FFTF Closure	Budgeted Cost of Work Scheduled	Budgeted Cost of Work Performed	Actual Cost of Work Performed	Schedule Variance ($)	Schedule Variance (%)	Cost Variance ($)	Cost Variance (%)
Total	0.2	0.2	0.1	0.0	22.3%	0.1	42.7%

Numbers are rounded to the nearest $0.1M

CM Schedule Performance: (+$0.0M/+22.3%)
The current period schedule variance is within thresholds.

CM Cost Performance: (+$0.1M/+42.7%)
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	16.9	16.9	14.4	(0.0)	-0.0%	2.5	14.8%	26.5	24.2	2.3

Numbers are rounded to the nearest $0.1M

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

CTD Cost Performance (+$2.5M/+14.8%)
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 January to February 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
Projected Funding and Spending Forecast are unchanged from the prior month.

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
BCRA-PRC-14-003R0 – *RCR Comment Resolution/Gen Admin Changes to FY14 PMB Update Submittal*
BCR-PRC-14-006R0 – *PMB Comment Incorporation and Alignment to Contract Price*

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

February 2014
CHPRC-2014-02, 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 / 01 / 27
b. LOCATION (Address and ZIP Code) Richland, WA	b. NUMBER RL14788		b. PHASE	b. TO (YYYYMMDD) 2013 / 02 / 23
	c. TYPE CPAF	d. SHARE RATIO	c. EVMS ACCEPTANCE NO YES X 9/18/2009	

5. CONTRACT DATA

a. QUANTITY	b. NEGOTIATED COST	c. ESTIMATED COST OF AUTHORIZED UNPRICED WORK	d. TARGET PROFIT/ FEE	e. TARGET PRICE	f. ESTIMATED PRICE	g. CONTRACT CEILING	h. ESTIMATED CONTRACT CEILING	i. DATE OF OTB/OTS
	5,467,247	14,737	228,384	5,695,631	5,577,146	5,695,631	5,577,146	

6. ESTIMATED COST AT COMPLETION

	MANAGEMENT ESTIMATE AT COMPLETION (1)	CONTRACT BUDGET BASE (2)	VARIANCE (3)
a. BEST CASE	5,265,212		
b. WORST CASE	5,416,286		
c. MOST LIKELY	5,348,762	5,481,984	133,222

7. AUTHORIZED CONTRACTOR REPRESENTATIVE

a. NAME (Last, First, Middle Initial)	b. TITLE	c. SIGNATURE	d. DATE SIGNED
Corman, R. K.	Prime Contract Manager		2/23/2013

8. PERFORMANCE DATA

WBS[1]	CURRENT PERIOD					CUMULATIVE TO DATE					REPROGRAMMING ADJUSTMENTS			AT COMPLETION		
	BUDGETED COST		ACTUAL COST	VARIANCE		BUDGETED COST		ACTUAL COST	VARIANCE							
ITEM (1)	WORK SCHEDULED (2)	WORK PERFORMED (3)	WORK PERFORMED (4)	SCHEDULE (5)	COST (6)	WORK SCHEDULED (7)	WORK PERFORMED (8)	WORK PERFORMED (9)	SCHEDULE (10)	COST (11)	COST VARIANCE (12a)	SCHEDULE VARIANCE (12b)	BUDGET (13)	BUDGETED (14)	ESTIMATED (15)	VARIANCE (16)
011 RL-11 NM Stabilization and Disposition PFP	9,085	6,504	6,888	(2,581)	(385)	664,624	647,344	678,464	(17,280)	(31,120)	0	0	0	933,407	951,361	(17,953)
012 RL-12 SNF Stabilization and Disposition	4,441	4,024	4,710	(417)	(686)	404,284	403,895	413,400	(389)	(9,505)	0	0	0	690,920	700,553	(9,632)
013 RL-13 Solid Waste Stabilization & Disposition	7,160	7,338	4,802	177	2,536	823,505	823,831	799,595	326	24,235	0	0	0	1,339,864	1,267,218	72,646
030 RL-30 Soil & Wtr Remediatn Grndwtr/Vadose Zone	7,504	9,200	8,147	1,696	1,052	942,656	942,615	935,178	(41)	7,437	0	0	0	1,510,469	1,497,546	12,923
040 RL-40 Nuclear Facility D&D Remainder of Hanford	1,124	948	744	(176)	205	381,086	380,363	350,531	(723)	29,832	0	0	0	490,173	457,993	32,180
041 RL-41 Nuclear Facility D&D - River Corridor	582	582	133	(0)	450	304,627	304,628	280,654	1	23,974	0	0	0	390,472	366,372	24,100
042 RL-42 FFTF Closure	167	204	117	37	87	16,925	16,922	14,417	(3)	2,504	0	0	0	26,492	24,169	2,323
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	**30,064**	**28,800**	**25,541**	**(1,264)**	**3,259**	**3,537,705**	**3,519,597**	**3,472,239**	**(18,109)**	**47,357**	0	0	0	**5,381,799**	**5,265,212**	**116,586**
f. Management Reserve														83,550		
g. Total	**30,064**	**28,800**	**25,541**	**(1,264)**	**3,259**	**3,537,705**	**3,519,597**	**3,472,239**	**(18,109)**	**47,357**	0	0	0	**5,465,349**		
9. Reconciliation to CBB																
a. Variance Adjustment																
b. Total Contract Variance									**(18,109)**	**47,357**				**5,465,349**	**5,265,212**	**200,136**

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

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) 2014 / 01 / 27
b. LOCATION (Address and ZIP Code) Richland, WA	b. NUMBER RL14788	b. PHASE		b. TO (YYYYMMDD) 2014 / 02 / 23
	c. TYPE CPAF / d. SHARE RATIO	c. EVMS ACCEPTANCE NO YES X 9/18/2009		

5. PERFORMANCE DATA

FOC / ITEM (1)	CURRENT PERIOD: BUDGETED COST WORK SCHEDULED (2)	BUDGETED COST WORK PERFORMED (3)	ACTUAL COST WORK PERFORMED (4)	VARIANCE SCHEDULE (5)	VARIANCE COST (6)	CUMULATIVE TO DATE: BUDGETED COST WORK SCHEDULED (7)	BUDGETED COST WORK PERFORMED (8)	ACTUAL COST WORK PERFORMED (9)	VARIANCE SCHEDULE (10)	VARIANCE COST (11)	REPROGRAMMING ADJUSTMENTS: COST VARIANCE (12a)	SCHEDULE VARIANCE (12b)	BUDGET (13)	AT COMPLETION: BUDGETED (14)	ESTIMATED (15)	VARIANCE (16)
34 - Environmental Prog & Strategic Planning																
030.2 - Envr Prog & Strategic Planning	421	421	477	(0)	(55)	44,375	44,375	40,762	0	3,614	0	0	0	82,660	78,355	4,304
	421	**421**	**477**	**(0)**	**(55)**	**44,375**	**44,375**	**40,762**	**0**	**3,614**	**0**	**0**	**0**	**82,660**	**78,355**	**4,304**
36 - Prime Contract & Project Integration																
011.7W - PRC WFR	901	901	2	0	900	3,108	3,108	2,838	0	270	0	0	0	3,108	2,838	270
012.7W - PRC WFR	353	353	1	0	352	1,841	1,841	1,437	0	404	0	0	0	1,841	1,437	404
013.7W - PRC WFR	672	672	1	0	671	2,618	2,618	2,322	0	296	0	0	0	2,618	2,322	296
030.7W - PRC WFR	585	585	1	0	584	2,480	2,480	1,866	0	614	0	0	0	2,480	1,866	614
040.7W - PRC WFR	81	81	0	0	81	334	334	287	0	47	0	0	0	334	287	47
041.7W - PRC WFR	19	19	0	0	19	377	377	247	0	131	0	0	0	377	247	131
042.7W - PRC WFR	19	19	(1)	0	20	56	56	46	0	11	0	0	0	56	46	11
	2,631	**2,631**	**5**	**0**	**2,626**	**10,815**	**10,815**	**9,042**	**0**	**1,773**	**0**	**0**	**0**	**10,815**	**9,042**	**1,773**
38 - Project Technical Services																
030.3 - EPC - Groundwater	0	0	55	0	(55)	273,050	273,050	292,847	0	(19,798)	0	0	0	273,050	292,847	(19,798)
	0	**0**	**55**	**0**	**(55)**	**273,050**	**273,050**	**292,847**	**0**	**(19,798)**	**0**	**0**	**0**	**273,050**	**292,847**	**(19,798)**
3B - PFP Closure																
011.1 - Plutonium Finishing Plant	8,184	5,602	6,887	(2,581)	(1,285)	578,475	561,196	599,439	(17,280)	(38,243)	0	0	0	847,259	872,335	(25,076)
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
	8,184	**5,602**	**6,887**	**(2,581)**	**(1,285)**	**661,516**	**644,236**	**675,626**	**(17,280)**	**(31,390)**	**0**	**0**	**0**	**930,300**	**948,523**	**(18,223)**
3C - W&FMP/D&D Project																
012.1 - 100 K Area Project	1,581	1,576	1,455	(6)	121	153,689	153,671	149,221	(18)	4,451	0	0	0	263,320	258,843	4,477
012.2 - Sludge Treatment Project	2,507	2,095	3,254	(412)	(1,159)	196,333	195,961	210,506	(371)	(14,545)	0	0	0	373,338	388,037	(14,698)
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	6,488	6,666	4,801	177	1,865	715,965	716,290	691,501	326	24,790	0	0	0	1,232,324	1,159,124	73,200
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	292	114	63	(177)	51	192,501	191,783	187,988	(719)	3,794	0	0	0	203,157	199,340	3,817
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	119,047	111,577	7,471
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	563	563	132	(0)	431	251,715	251,716	237,133	1	14,582	0	0	0	337,561	322,852	14,709
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	148	185	118	37	67	15,265	15,262	12,857	(3)	2,405	0	0	0	24,832	22,609	2,223
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	751	753	681	2	72	49,389	49,385	43,948	(4)	5,437	0	0	0	96,368	88,605	7,763
	12,331	**11,952**	**10,503**	**(379)**	**1,449**	**1,925,198**	**1,924,410**	**1,854,258**	**(788)**	**70,152**	**0**	**0**	**0**	**2,932,695**	**2,811,967**	**120,728**
3D - Soil & Groundwater Remediation																
030.1 - Soil & GW Remediation	6,498	8,193	7,614	1,696	579	526,831	526,790	496,557	(41)	30,233	0	0	0	1,056,359	1,021,331	35,029
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)
	6,498	**8,193**	**7,614**	**1,696**	**579**	**622,751**	**622,710**	**599,703**	**(41)**	**23,006**	**0**	**0**	**0**	**1,152,279**	**1,124,477**	**27,802**
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	**30,064**	**28,800**	**25,541**	**(1,264)**	**3,259**	**3,537,705**	**3,519,597**	**3,472,239**	**(18,109)**	**47,357**	**0**	**0**	**0**	**5,381,799**	**5,265,212**	**116,586**
f. Management Reserv.														83,550		
g. Total	**30,064**	**28,800**	**25,541**	**(1,264)**	**3,259**	**3,537,705**	**3,519,597**	**3,472,239**	**(18,108)**	**47,357**	**0**	**0**	**0**	**5,465,349**		

FORMAT 3, DD FORM 2734/3, BASELINE

February 2014 Monthly Report

CONTRACT PERFORMANCE REPORT — **Form Approved**

FORMAT 3 - BASELINE — **DOLLARS IN THOUSANDS** — **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: 2014/01/27
b. LOCATION:	b. NUMBER: RL14788	b. PHASE	b. TO: 2014/02/23
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	$14,737	$5,481,984	$5,465,349	$16,636

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 Mar-14	+2 Apr-14	+3 May-14	+4 Jun-14	+5 Jul-14	+6 Aug-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)	**3,535,947**	**28,306**	**29,759**	**28,751**	**36,157**	**28,706**	**29,139**	**38,210**	**3,391,477**	**374,020**	**425,359**	**418,722**	**358,631**	**369,454**	**0**	**5,337,663**
b. BASELINE CHANGES AUTH DURING REPORT PERIOD																
BCRA-011-14-002R0 - Chemical Mitigation Draining Activities																**0**
BCR-013-14-005R0 - Revise PMB to Reinstate Cs/Sr Dry Storage Estimate											**12**	**(1,061)**	**(6,855)**	**(16,801)**		**(24,705)**
BCR-040-14-003R0 - Implementation Area and Subsequent Unit													**(1,076)**	**1,094**		**18**
BCR-PRC-14-006R0 - PMB Comment Incorporation and Alignment to Contract Price										**4,032**	**8,755**	**5,721**	**22,022**	**28,293**		**68,823**
c. PM BASELINE (END OF PERIOD)	**3,537,705**	**30,064**	**30,351**	**29,236**	**36,458**	**28,905**	**29,318**	**38,457**	**3,391,477**	**378,052**	**434,125**	**423,382**	**372,722**	**382,041**	**0**	**5,381,798**
7. MANAGEMENT RESERVE																**83,550**
8. TOTAL																**5,465,349**

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) 2014 / 01 / 27
b. LOCATION (Address and ZIP Code) Richland, WA	b. NUMBER RL14788	b. PHASE	b. TO (YYYYMMDD) 2014 / 02 / 23
	c. TYPE CPAF / d. SHARE RATIO	c. EVMS ACCEPTANCE NO 9/18/2009	

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

FOC Group by FOC / ITEM	ACTUAL CURRENT PERIOD	ACTUAL END OF CURRENT PERIOD (Cumulative)	FORECAST (Non-Cumulative) SIX MONTH FORECAST +1 Mar	+2 Apr	+3 May	+4 Jun	+5 Jul	+6 Aug	SPECIFIED PERIODS REM FY14	FY15-18	AT COMPLETION
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(12)	(13)	(15)
300 - Office of the President											
000.00 - Office of the President	6	393	5	5	5	5	5	5	5	252	681
	6	**393**	**5**	**5**	**5**	**5**	**5**	**5**	**5**	**252**	**681**
303 - Internal Audit											
000.03 - Internal Audit	4	278	4	4	4	4	4	4	4	192	498
	4	**278**	**4**	**4**	**4**	**4**	**4**	**4**	**4**	**192**	**498**
304 - General Counsel											
000.04 - General Counsel	4	265	4	4	4	4	4	4	4	192	486
	4	**265**	**4**	**4**	**4**	**4**	**4**	**4**	**4**	**192**	**486**
31 - Communications & Outreach											
000.1 - Communications & Outreach	9	653	8	7	7	7	7	7	7	336	1,039
	9	**653**	**8**	**7**	**7**	**7**	**7**	**7**	**7**	**336**	**1,040**
32 - Safety, Health, Security & Quality											
000.2 - Safety, Health, Security, & Quality	47	4,793	56	57	57	57	56	56	56	2,718	7,907
	47	**4,793**	**56**	**57**	**57**	**57**	**56**	**56**	**56**	**2,718**	**7,907**
34 - Environmental Prog & Strategic Planning											
000.4 - Environmental Prog & Strategic Planning	20	1,309	19	21	20	22	21	22	20	982	2,436
030.2 - Envr Prog & Strategic Planning	19	1,732	19	19	19	19	19	19	19	1,309	3,174
	39	**3,041**	**38**	**40**	**39**	**41**	**40**	**41**	**39**	**2,291**	**5,610**
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	57	4,266	57	57	57	57	54	57	57	2,773	7,433
000.8A - CFO Tax & HO	0	0	0	0	0	0	0	0	0	0	0
	57	**5,568**	**57**	**57**	**57**	**57**	**54**	**57**	**57**	**2,773**	**8,735**
36 - Prime Contract & Project Integration											
000.7 - Contract and Baseline Management	33	2,208	34	36	36	36	35	36	36	1,775	4,234
000.9 - Chief Information Officer	9	777	9	10	10	10	10	10	10	432	1,277
011.7W - PRC WFR	0	0	0	0	0	0	0	0	0	0	0
	42	**2,985**	**43**	**46**	**46**	**46**	**45**	**46**	**46**	**2,206**	**5,511**
38 - Project Technical Services											
000.F - Eng/Procurement & Construction	13	1,487	18	19	19	18	17	18	18	831	2,443
000.T - Proj Tech Svcs	16	1,726	15	15	15	15	15	15	15	696	2,524
030.3 - EPC - Groundwater	0	3,638	0	0	0	0	0	0	0	0	3,638
	30	**6,852**	**32**	**33**	**33**	**32**	**32**	**32**	**32**	**1,527**	**8,605**
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	368	33,847	364	373	384	399	399	398	394	8,726	45,285
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
	368	**33,863**	**364**	**373**	**384**	**399**	**399**	**398**	**394**	**8,726**	**45,301**
3C - W&FMP/D&D Project											
012.1 - 100 K Area Project	79	8,109	96	96	96	96	91	96	96	4,336	13,109
012.2 - Sludge Treatment Project	74	7,134	65	64	64	64	62	63	63	4,663	12,244
013.1 - Waste Management	275	36,047	273	274	273	273	272	278	277	14,949	52,917
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	2	7,539	8	10	11	9	0	0	0	380	7,958
040.2 - D&D Fac Waste Site Remediation	0	1,341	0	0	0	0	0	0	0	1,517	2,858
040.3 - PRC Fac & Waste Site Maint	39	2,712	36	43	43	34	34	38	34	1,709	4,685
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	7	7,025	9	11	25	42	41	41	37	2,673	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	7	686	9	4	4	4	4	4	4	379	1,098
	483	**70,640**	**497**	**502**	**516**	**522**	**504**	**520**	**511**	**30,606**	**104,818**
3D - Soil & Groundwater Remediation											
030.1 - Soil & GW Remediation	269	19,743	268	277	296	332	312	289	270	13,224	35,012
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
	269	**20,022**	**268**	**277**	**296**	**332**	**312**	**289**	**270**	**13,224**	**35,291**
Grand Totals:	**1,357**	**149,355**	**1,377**	**1,406**	**1,447**	**1,506**	**1,462**	**1,460**	**1,427**	**65,042**	**224,489**

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

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)** 2014/1/27
b. LOCATION (Address and ZIP Code) Richland, WA 99354	**b. NUMBER** DE-AC06-08RL14788		**b. PHASE** Base	**b. TO (YYYY/MM/DD)** 2014/02/23
	c. TYPE CPAF	**d. SHARE RATIO**	**c. EVMS ACCEPTANCE** 2009/09/18 NO YES X	

	BCWS	BCWP	ACWP	SV in $	SV in %	CV in $	CV %	SPI	CPI
Current:	30,064	28,800	25,541	(1,264)	-4.2%	3,259	11.3%	0.96	1.13
Cumulative:	3,537,705	3,519,597	3,472,239	(18,109)	-0.5%	47,357	1.3%	0.99	1.01
	BAC	EAC	VAC in $	VAC in %	CPI to BAC	CPI to EAC			
At Complete:	5,381,799	5,265,212	116,586	2.2%	0.98	1.04			

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 realization of planned efficiencies in multiple projects partially offset by RL-0012 due to contract change costs made to the General Contractor for change impacts associated with sequestration and baseline funding/priority changes.

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 February, the project was 4.2% behind schedule and 11.3% under planned cost. For FY2014, the project is 6.4% behind schedule and 5.4% under planned cost. Overall schedule performance in February was primarily attributed to RL-0011 and RL-0030. RL-0011 continued behind schedule due to re-sequencing work in the 242-Z Americium Facility to align with the availability of D&D workers, re-planning 234-5Z duct level work to align with an area vs. system approach and a change in the PFP demolition sequence. RL-0030 was ahead of schedule due to implementation of definitized Change Order 222 – 100-BC-5 OU Well Drilling and Aquifer Tube Installation and Sampling resulting in completion of drilling based on eight wells identified versus 11 previously identified and re-planning 200W Pump-and-Treat maintenance.

Overall cost performance in February was primarily attributed to realization of planned efficiencies in multiple projects partially offset by RL-0012 contract change impacts associated with sequestration and baseline funding/priority changes.

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.

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

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 +$116.6 million and +2.2% 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	**$14,737**
Approved Adjustments to Contract Price (not reflected in B.4-1 Table)		
	Total Negotiated Cost Changes	**-**
	Grand Total Adjustments	**$14,737**

Use of Management Reserve (MR):

Management Reserve Utilization

BCR Number	Title	Fiscal Year	MR
BCR-PRC-14-006R0	*PMB Comment Incorporation and Alignment to Contract Price*	2014-2018	$9,027K

Overall, Management Reserve increased by $9,027K during February.

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	3/18/2014		

Appendix B
Project Services and Support
(WBS 000)

CH2MHILL
Plateau Remediation Company

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

M. A. Wright
Vice President for
Project Technical
Services

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

D. A. Millikin
Director of
Communications

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

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

February 2014
CHPRC-2014-02, 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	0	N/A
Total Recordable Injuries	0	0	N/A
First Aid Cases	1	6	23314 - Employee was leaning forward filling a water bottle at a water cooler. When the employee stood straight up, the employee felt a pop accompanied by pain in the upper back. (23314)
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 February.
  - 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; however, CHPRC has received direction from RL that Revision 2A is on hold pending WRPS readiness. 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.
    - 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 has been completed.

- Continued support providing Senior Supervisor Oversight to PFP for backside work activities.
- Continued support to PTS for planned welding activities to ensure appropriate controls are in place for potential exposure to manganese and other hazardous substances.
- Provided support to PTS to obtain respiratory protection equipment for welding activities.
- Continued working with Project Facility Chemical Custodians to complete qualification cards.
- Provided support to Soil and Groundwater Remediation Project (S&GRP) for evaluation of tarping activities.
- Provided support to Prime Contract & Project Integration, and Office of the President for ergonomic evaluations.
- Continued communications regarding expectations and use of Personal Protective Equipment.
- Received draft report from the Voluntary Protection Program Head-Quarters assessment team for factual accuracy review; responded with no comments.
- Continued planning for the 2014 Hanford Safety Expo.

o Radiological Control accomplishments:
- Continued to support site-wide Radiological Control committees.
- Provided support to PFP Closure Project with respect to Radiological Work Planning.
- Completed revisions to CHPRC Radiological Clearance (release) procedures.
- Issued CHPRC-wide procedure for lapel breathing zone air monitors.
- Completed preparatory classes for National Registry of Radiation Protection Technologist certifications.
- Provided support to STP project regarding instrumentation needs.
- Completed revision to CHPRC Radioactive Source Control procedure to address corrective actions associated with Sr-90 source jig failure.

o Nuclear Safety deliverables prepared and transmitted to RL in February include:
- Documented Safety Analysis:
  - Letter, CHPRC-1305153A R2, dated February 19, 2014, *Implementation of the 2013 Annual Update to the Plutonium Finishing Plant Safety Basis.*
  - Letter, CHPRC-1400559, dated February 20, 2014, *Transmittal of the 2014 Annual Submittal of the Solid Waste Operations Complex Safety Basis and the Unreviewed Safety Question Evaluation Summary*.
- Letters received from RL in February include:
  - Letter, 14-AMRP-0070, February 3, 2014, *Approval of the Critical Decision-2/3 (CD-2/3) Sludge Treatment Project (STP) Engineered Container Retrieval and Transfer Systems (ECRTS).*
  - Letter, 14-NSD-0016_RL, February 3, 2014, *Preliminary Documented Safety Analysis (PDSA) for the Sludge Treatment Project (STP) Engineered Container Retrieval and Transfer System (ECRTS).*
  - Letter, 14-NSD-0015_RL, February 10, 2014, *Approval of the Evaluation of the Safety of the Situation (ESS) - Flammable Gas Retentions in Containerized Sludge*.
  - Letter, 14-ESQ-0040, February 14, 2014, *Response to State of Washington, Department of Ecology (Ecology) Dangerous Waste Non-Financial Records Review (NRR) of Hanford Transportation*.
  - Letter, 14-NSD-0028_RL, February 28, 2014, *Response to Transmittal of Plutonium Finishing Plant (PFP) Unreviewed Safety Question (USQ) Related to 234-5Z Fire Barriers and Associated Evaluation of Safety of the Situation (ESS).*
  - Letter, 14-NSD-0029_RL, *Transmittal of the 105-K West Basin Safety Basis Annual Update for the RL Approval*.

- Contractor Assurance Regulatory Reporting (CARR) accomplishments:
  - 198 Condition Reports (CRs) were screened in February:
    - 0 Significant
    - 0 Adverse
    - 77 Track Until Fixed (TUF)
    - 42 Trend Only (TO)
    - 77 Opportunity for Improvement (OFI)
    - 2 Screened Out (factually inaccurate, duplicative of existing Condition Reports)
  - Two CHPRC Lessons learned were published through OPEXShare (previously known as HILLS).
  - Thirty-seven documents were provided in response to Document Requests by the Defense Nuclear Facilities Safety Board.
- Performance Assurance, Quality Assurance (QA), and Assessment accomplishments:
  - Supported RL planning efforts for performance of a six-sigma exercise on RL/Contractor interface meeting efficiencies.
  - Supported comment/review of Inspector General Draft report on PFP project.
  - 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.
  - Continued the revision and preparation for release of the four major documents supporting the IEP revision and updating of the Hanford Information System Inventory.
  - Performance Assurance team conducted an interim review of SGRPs efforts to addresses weaknesses identified by EM-42.
  - Initiated planning for 10 CFR 835, Subpart M, *Sealed Radioactive Source Control*, surveillance activity scheduled for March and April.
  - At the request of WESF facility management, provided operations support to complete evaluation of aspects of the event notification process.
  - Continued to work with the Ground Water project and Central Engineering in the development of procedures and inspection criteria for ASME B31.3 Category D fluid systems.
  - Worked with the Hanford Site Hoisting and Rigging Committee's special project group to determine the applicability of NQA -1, Part II, Subpart 2.15, *Quality Assurance Requirements for Hoisting, Rigging, and Transportation of Items for Nuclear Power Plants*.
  - Supported the SGRP in the proper material identification and control of components used in well construction.
  - Continued to support Project Technical Services and Procurement in the selection of a full service Nondestructive Evaluation (NDE) subcontractor.
  - Supported the Waste and Fuels organization in the procurement of a new calibration contractor.
  - Presentations to WRPS and MSA organizations on the CHPRC's automated NCR process.
  - Presented a "Suspect/Counterfeit Item Update" briefing to the Hanford Site QA Managers meeting.
  - Provided a CHPRC QA monthly knowledge enhancement briefing on "Sampling Plan Development."

- 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: Revision 2A on hold pending WRPS readiness to support overall site implementation.
    Action: Implementing CHPRC actions and supporting site-wide actions per the approved CAP. Completed CHPRC briefing in support of Revision A, 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: Supporting PFP foaming initiative, Premier system upgrade, and new NDA equipment.

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

- **Compliance Status**
  Ecology Central Waste Complex Box and WRAP Drum Leak Enforcement
  - Implementation of the required actions in the Ecology Agreed Order (AO) is underway. The reduced penalty was sent to Ecology and the first two deliverables were delivered on February 21, 2014.

  RCRA Permitting Progress
  - Refinement of Closure Plans for some SWOC units continues with Ecology. Permit modifications relating to LERF/ETF were submitted and a public hearing held. Ecology is to consider comments and provide response to this input.

  Environmental Management System (EMS)
  - A CHPRC paper on zero-waste events was presented at the annual Waste Management Conference in Phoenix.
- **Environmental Compliance & Quality Assurance (ECQA)**
  Accomplishments
  - Completed EP&SP-2014-IA-13054, S&GRP's compliance with Hanford Analytical Services Quality Assurance Requirements Documents Independent Assessment identifying no findings and no OFI's. Two potential findings were corrected during the audit.
  - Identified the primary and secondary environmental requirements and populated the compliance matrices. Closed out two actions under CR-2013-1515 (LERF Totalizer), a presentation to ESRB on path forward for environmental requirements management and a schedule for implementing the environmental requirements management process.

  Work in Progress
  - Coordination and planning for an independent CERCLA assessment at PFP has begun. ECQA is partnering with a CERCLA Assessor from the CH2M HILL home office to assist with this audit, which is planned to begin on March 17, 2014.

- Development of compliance matrices are continuing with a focus on three facilities: PFP, T-Plant, and the CWC.
- ECQA completed a new procedure, PRC-PRO-EP-52795, *Environmental Requirements Management*, and submitted it into the PPS for formal comment disposition and release.

Business Services

- **Acquisition Planning**
  - Continued to support development of WESF K3 Ventilation Upgrade and Legacy Contamination Stabilization Project requirements.
  - Assisted DWF&RS with acquisition strategy for the Cs/Sr Capsule Dry Storage Project.
  - Supported Projects procurement initial planning activities associated with FY2014 Buy Back and identification of potential small business opportunities.
  - Revised Acquisition Planning Procedure, PRC-PRO-AC-40480, to include changes for APD and Consent Package requirements per revised RL threshold letter.
  - Initiated Acquisition Planning initiative to develop procurement activity schedule templates for Projects to use for procurement related fragnet scheduling purposes.
- **Facilities and Property Management (F&PM)**
  - The annual physical inventory of CHPRC property commenced in February. This year's inventory encompasses 4,081 items valued at $152,328,862.
- **Finance**
  - February month end closing was completed on schedule with no issues.
  - Contract funding has been provided that is sufficient to continue uninterrupted operations through March fiscal month end.
  - Responded to KPMG requests for data, in response to the FY2009 and FY2010 incurred cost audits.
- **Material Services**
  - P-Card Administrator attended the Federal Green Challenge Webinar, Green Purchasing Leadership: 100 percent Recycled Copy Paper and GSA Green Procurement Compilation on February 27, 2014.
- **Procurement**
  - Awarded/amended 106 contracts with a total value of $628,376. Additionally, awarded 92 new material Purchase Orders valued at $168K to support ongoing project objectives.
  - At the end of the first 65 months of the PRC, procurement volume has been significant; $2.076B in contract activity has been recorded with approximately 49.4 percent, or $1.026B, in awards to small businesses. This includes 6,392 contract releases, 16,240 Purchase Orders, and 197,307 P-Card transactions.
  - Completed and issued 19 Advance Planning Documents and two Consent Packages to RL for review or approval.
  - During the month of February, Procurement placed Extended Service Agreements with GE and Atlas Copco for service of the 200 West Pump-and-Treat Membrane Bed Reactor (MBR) and the Blowers, respectively.

Prime Contract and Project Integration (PC&PI)

- In January, Prime Contracts received and processed nine (9) contract modifications (numbers 241, 31 3, 315 - 321) from RL. Correspondence Review received and determined the distribution for 58 incoming letters/documents. The Prime Contracts Manager reviewed 48 outgoing correspondence packages.
- Estimating & Program Support provided the following support to the Projects:
  - Plutonium Finishing Plant (PFP):

- Participated in several information exchange meetings and discussions with RL regarding the proposal submitted in response to CO #240, PFP Chemical Hazard Investigation and Mitigation of Chemical Lines.

– Sludge Treatment Project (STP):
  - Continued efforts to assist in the preparation of a Request for Equitable Adjustment that will address the impact that funding changes in FY2012, FY2013, and Sequestration had to the overall project cost and schedule.
  - 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
  - In conjunction with the project, completed and submitted to RL, proposals related to the following Change Orders:
    - CO #236, *Transfer of the 310 Retention Transfer System to Washington Closure Hanford*, on February 4, 2014;
    - CO #239, *Solid Waste Operations Complex (SWOC) Permit Modifications*, on February 13, 2014.
  - Continued efforts to prepare Change Proposals in response to the following directed or prospective Change Orders:
    - CO #245, Waste Encapsulation and Storage Facility (WESF) K3 Exhaust Ventilation Upgrade Project, Revision of 2011 Conceptual Design Report
    - CO #190, *Transfer of the 622S Lysimeter* (Prospective)
  - Continued efforts to prepare for anticipated Change Orders:
    - *400 Area Waste Management Unit*
    - *FO 39 Powder Disposition*
    - *100-K Area Borehole Investigation*
    - *Transfer of the ZP-1 Pump & Treat Facility*
  - Received from RL and initiated planning for the following directed change:
    - CO #228, Activities in Support of Ecology Agreed Order

– Soil & Groundwater Remediation Project (S&GRP):
  - In conjunction with the project, completed and submitted to RL, a proposal related to the following Change Order:
    - CO #247, *Incorporate River Corridor Waste Site Evaluations to Remedial Investigation / Feasibility Study Documents*, on February 13, 2014.
  - Supported preparations for negotiation and definitization of the following Change Orders:
    - CO #237, *200-DV-1 Transient Perched Water*, due March 11, 2014;
    - CO #238, *100-NR-2 Aquifer Barrier Expansion*, due March 26, 2014.
  - Received from RL and initiated planning for the following directed changes:
    - CO #250, *Implement the Sampling and Analysis Plan Developed for the 100-D-100 Waste Site and Underlying Groundwater Remediation*;
    - CO #251, *Incorporate 200-UP-1 Uranium Treatment at the 200 West Pump and Treat Facility*.

– Project Technical Services (PTS):
  - In conjunction with the project, completed and submitted to RL, a Rough Order Magnitude (ROM) estimate and impact evaluation in response to CO 242, *CRD O 420.1C Supplemented Revision 0, Facility Safety* (a prospective change).

- Completed specification reviews and generated fair cost estimates that will be utilized in the evaluation of bids to be received from a subcontractor for the following projects:
  - Wiring and instrumentation of Pump & Treat (P&T) extraction wells;
  - Installation of HPDE piping for three (3) P&T wells;
  - PFP restroom and shower trailer relocation;
  - 100 K East Reactor roof repair.

- Estimating & Program Support provided the following support to the functional areas:
  - Business Services:
    - In conjunction with the Facilities Management group, completed and submitted to RL, a ROM estimate and impact evaluation related to the cost of implementing changes in Public Law 111-308, Federal Buildings Personnel Training Act of 2010 (FBPTA), on February 27, 2014.
  - Safety, Health, Security and Quality:
    - Initiated planning for a proposal that will report the cost and schedule for companywide activities required to implement the Chronic Beryllium Disease Prevention Program, Revision 2A requirements. A Contract modification is anticipated in March 2014.
- Estimating Systems Administration
  - Awarded a subcontract to RC Engineering & Construction Management, on February 10, 2014, for the conduct of a Gap Analysis between 48 CFR 252.215-7002, *Cost Estimating System Requirements* and CHPRC Cost Estimating Procedure and Guide. The purpose of the analysis is to 1) measure the impact should RL direct the implementation of 48 CFR 252 as a new requirement, 2) evaluate CHPRC's process utilized to generate change proposals used in negotiation with RL, and 3) ready the Estimating group for an external system review by RL. The Gap Analysis will be completed February 28, 2014, with implementation of process improvements to follow in March 2014.
  - Continued maintenance and cleanup of the Sage (Timberline) database in preparation for implementation of the up-versioned software (Sage 14.11).
  - Continued the 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 and Reporting**
  - 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.
  - Presented the first of three CAM training sessions. Two more planned for March.
- **Strategic Planning and Integration**
  - **Interface Management**
    - Developed Volume 5 of "Be In The Know…" Craft Resources for Non-radiological General Purpose Facilities and Radiological Facilities.
    - Maintain Calibration spreadsheet utilized to bin like issues with links to emails.
    - Continued to work issues from M&TE Calibration Services provided through the Site calibration vendor Micro Precision.
    - Continued 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).
    - Continued to work with MSA on a redesign of the Service Request in the Catalog for Tumbleweeds.
    - Began preparation for an internal review of the MSA Statements of Work that are applicable

to J.3 User Based Services.
- Continued development of the Site Manuals Spreadsheet to begin development of an internal change control process.
- Maintained J.13/14 Communications Spreadsheet. The Spreadsheet shows interactions amongst the Primes from 2011 through the end of 2014.
- Maintained J.13/14 Timeline Titled "*Communications 2014 and Beyond*". Timeline shows modifications and major activities beyond 241.
- Completed the first phase of the Infrastructure & Service Alignment Plan (ISAP) FY14 Update with the CHPRC Data Call for Contractor Requirements per J-3 Matrix.
- In process Interface Documents:
  - HNF-23474 Rev. 2, *ICD Between CHPRC and JCI for Hazardous Energy Control*
- Issued Interface Documents:
  - TOC-AIA-PRC-00031, Rev. 0, *AIA between CHPRC and WRPS for the Operations Interface for 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.*

o **Information Management**
- Provided IDMS access to Timecard Monitor for Electronic Record and Collaboration Folders
- Provided IT and facilitation support to Leadership Initiative sessions
- Created website banners and updated intranet sites for Communications, DWF&RS, W&FMP, HR, SHS&Q, and PC&PI.
- Coordinated installation and logistics of HAMMER MO-259 in support of the 4x10 work schedule
- Supported additional requirements gathering and solution investigation for PFP PAX system
- Removed 106 stand-alone printers from service in support of FY14-EMS-PCPI-OB1-T1
- Installed 112 Thin Client workstations in support of FY14-EMS-PCPI-OB2-T1
- Processed ~10,500 Electronic Records into IDMS

Project Technical Services (PTS)

- **Central Engineering (CE)**
  - Provided the consolidated CHPRC Impact Analysis for Contractor Requirements Document O 420.1C Supplemented Revision 0 Facility Safety Change Order (CO) Number 242. The transmittal letter was sent to RL on February 18, 2014.
  - Continued to support the facilities impacted by the Flanders notification that a HEPA filter model failed qualification. Both PFP and CSB have developed a path forward for continued use, based on the information received from Flanders.
  - Participated/supported RL in the Site meeting with the US DOE Office of Nuclear Safety (HSS) personal regarding the Periodic Natural Phenomena Hazards Review and Updates.
  - Supporting Decommissioning, Waste, Fuels & Remediation Services (DWF&RS) in the structural evaluation of the Waste Encapsulation and Storage Facility (WESF) Area 2 for the placement of grout in hot cells.
  - Supporting DWF&RS in the 105KE Roof repair due to damage in the Corrugated Transite roof panels.
  - Supporting the Soil & Groundwater Remediation Project (S&GRP) in the development of the Functional Design Criteria (FDC) for the 200-UP-1 Groundwater Operable Unit Remedial Design for incorporating groundwater from the 200-UP-1 Operable Unit (OU), into the existing, operating 200 West Pump and Treat System.
  - Discussed with RL a proposal to allow the procurement and management of Fire Protection components as General Service equipment. The current practice is to procure and manage all fire

system components as QL-2/Safety Significant components in order to preclude the potential for a General Service component being installed in a Safety Significant location.
  - Supporting S&GRP in the evaluation and disposition of NCR CHPRC-2013-00000239 generated by Third Party Inspection of 24 ASME Section VIII Pressure vessels on Ion Exchanger Skids A through F at the KX Pump & Treat process building that resulted in indeterminate physical characteristics of some welds in the supports of the IX Train Pressure Vessels.
  - Researching code interpretations in order to resolve T-Plant FHA comments from the Hanford Fire Marshal's Office.
  - Pursuing additional FPE support via the posting process and contracts. Candidates for Personnel Requisition 23835 are being evaluated. Contracts are being pursued for Thorne for WESF, FP2Fire for additional sludge support, and Hughes for PFP.
  - Supported technical questions regarding T Plant ACT 1 ventilation system and modification to 2706-T stack sample cabinet cooling.

- **Procedures and Training**
  - Worked with HAMMER management to develop a plan for transition/accommodation of 4x10 shift at HAMMER
  - SWOC Ecology agreed order analysis has been approved, training has been developed, and delivery is on schedule.
  - SWOC MDSA Revision 10 training analysis has been approved, training has been developed, and delivery is in progress.
  - Identified training that will transition to tank farms with ETF.
- **Operations Program**
  - Working with work control managers and planners to set correct balance between training and work instructions
  - Added a backup hazardous energy control technical authority
  - Assigned a conduct of work mentor to S&GRP
  - Supplied two corporate resources at PFP to conduct an evaluation of their work control implementation
  - Supporting field management oversight activities including senior supervisory observations
  - Conducted 4 full up emergency preparedness drills
  - Received RL approval of four Emergency Planning Hazards Assessments (EPHA)
  - Received no findings on RL first quarter emergency preparedness exercise conducted at DWF&RS facility
  - Supported causal analysis and Corrective Action Plan (CAP) development efforts for ConOps trend issues at PFP
  - Instructed new JCS administrators on the electronic process.
  - Rolled out new qualification requirements and cards for controlling organization administrators at CHPRC. All existing Code of Accounts (COA) will need to complete to establish training baseline.
- **Project Delivery**

  S&GRP
  - 100KX Pump and Treat Header Upgrade and KX Well Realignment work is on schedule to be completed and turned over to S&GRP Operations by March 3, 2014:
    - 200W P&T ITB HDPE Piping
      - Installation of 4" HDPE at Well YJ23 is 80 percent complete pending tie-in
      - Installation of 4" HDPE at Well YJ15 is 80 percent complete pending tie-in
      - Continue installation of 6" HDPE at Well YJ09
    - Pump-and-Treat Well Rack Assemblies

- Fabrication of 10 pump control racks is required to support S&GRP well realignment projects
- Shop fabrication is 40 percent complete
- DPC panels are in assembly at UL508A shop. Five of 20 DPC panels are assembled and delivered to CHPRC.

– Connect Perch Water Wells
- Perch Water material take-off completed for mechanical procurement; electrical material take-off in progress

– Realign Well ME22
- Work package is approved
- Pre-mobilization walk down performed

– Realign Wells YE14, YE17 and YE20
- Two proposals out for bid, due March 3, 2014

– Realign Well ME51 and ME52
- SOW and Contract Requisition approved
- RFP issuance planned for the week of March 10, 2014

DWF&RS

o 400 Area New Septic Sewer System
– Work completed and project scheduled to turn over to DWF&RS on March 6, 2014

o 105KE Facility Roof Sealant Activities
– Issued PFWR and received a determination that roof work was Davis-Bacon Applicable
– Commenced work planning efforts

o T Plant Fire Barriers
– Commenced work planning efforts

- **KW Annex Construction**
  - o Continued installation of conduits, placing, compacting and testing of structural fill to support erection of steel around the Annex building.
  - o Completed welding simulation to support industrial hygiene sampling for respiratory evaluation, pending results report.
  - o Completed installation of form work and welded wire for the chiller pad for February 4 concrete placement.
  - o Continued installation of interior hose-in-hose shielding steel and formwork for February 4 concrete placement.
  - o Continued the erection of scaffold within the High Bay to support the execution of the mezzanine installation.

Communications

- **Internal**
  - o Produced four issues of the Weekly Update, CHPRC's weekly employee news bulletin, including manager messages from Vicki Bogenberger, Vice President of Business Services; Rick Millikin, Vice President of Prime Contract & Project Integration; Terry Vaughn, Vice President of Safety, Health, Security & Quality; and Mark Wright, Vice President of Project Technical Services.
  - o Produced a video for the President Zero Accident Council showcasing the Project Technical Services team training for slippery conditions on the slip simulator at HAMMER.
  - o Continued support of enhanced communications at PFP, including all-hands meetings, a six-month safety challenge, and weekly e-mail publication of accomplishments and other relative news and safety information.
  - o Continued preparations for the upcoming all-hands meeting, including launching an internal

awards program to recognize employee excellence in the areas of safety, projects, people, customer, community.
  - CHPRC employees supported the 18th annual Junior Achievement Bowl.
  - A team of CHPRC leaders visited the Tri-City Union Gospel Mission to meet with the organization and award a donation check.
  - Continued hosting brown bag meetings to invite employees to provide feedback and ask questions of CHPRC senior leadership.
- **Public Relations**
  - Supported RL with requests for information regarding progress at PFP, the Liquid Effluent Treatment Facility and Hanford's spending plans.
  - CHPRC was featured in the February 28 issue of the *Weapons Complex Monitor* article, "Project Completion Certainty Improving at Hanford's PFP," and a story by King 5 on the Central Waste Complex.
  - Supported development of presentations and posters for the upcoming Waste Management Symposium.
  - Supported tour by Senator Cantwell on February 18.
  - Photos of CHPRC's recent donation to the Tri-Cities Union Gospel Mission were featured on the CH2M HILL Environmental Facebook page.
- **Public Involvement**
  - Materials for Class 2 Permit Modifications for sitewide groundwater monitoring and LERF/ETF groundwater monitoring are completed and have been distributed. Supported the public meeting on February 11.
  - There is a separate Class 2 Permit Modification for operations at LERF/ETF. The public meeting was combined with the groundwater monitoring permit modifications meeting held on February 11.
  - RL presented to the HAB River and Plateau (RAP) Committee on February 11 regarding the recent Class 3 Public Comment Period. Provided support to RL with a slide presentation. The HAB signaled a continued interest in receiving briefings from RL on upcoming permit modifications.
  - Began planning for upcoming Hanford Advisory Board (HAB) meeting. Topics include: 100-F/IU Proposed Plan, 100-N Proposed Plan and how public input was used in the development of the 300 Area Record of Decision.

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	0.1	0.1	0.2	0.0	0.0%	(0.1)	-58.5%
Internal Audit	0.0	0.0	0.1	0.0	0.0%	(0.0)	-11.2%
General Counsel	0.1	0.1	0.1	0.0	0.0%	0.0	14.2%
Communications	0.1	0.1	0.1	0.0	0.0%	(0.0)	19.2%
Safety, Health, Security and Quality	1.0	1.0	0.8	(0.0)	-0.9%	0.2	18.7%
Environmental Program and Strategic Planning	0.3	0.3	0.3	0.0	0.0%	0.0	7.3%
Business Services	1.4	1.4	1.3	0.0	0.0%	0.0	2.5%
Prime Contract and Project Integration	1.5	1.5	1.4	0.0	0.0%	0.1	7.3%
Project Technical Services	0.5	0.5	0.5	0.0	0.0%	0.1	11.7%
Indirect WBS 000 Total	**5.1**	**5.1**	**4.8**	**(0.0)**	**-0.2%**	**0.3**	**6.7%**

Numbers are rounded to the nearest $0.1M.

Indirect WBS 000

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

CM Cost Performance: (+$0.3M/+6.7 percent)
Variance is within reporting thresholds.

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

WBS 000 Project Services and Support	Budgeted Cost of Work Scheduled	Budgeted Cost of Work Performed	Actual Cost of Work Performed	Schedule Variance ($)	Schedule Variance (%)	Cost Variance ($)	Cost Variance (%)	Budget at Completion (BAC)
Office of the President	0.7	0.7	0.9	0.0	0.0%	(0.2)	-37.2%	1.7
Internal Audit	0.3	0.3	0.2	0.0	0.0%	0.0	3.8%	0.7
General Counsel	0.5	0.5	0.4	0.0	0.0%	0.1	19.0%	1.4
Communications	0.4	0.4	0.4	0.0	0.0%	(0.0)	-9.7%	1.0
Safety, Health, Security and Quality	5.4	5.4	4.5	(0.0)	-0.5%	0.8	15.3%	13.8
Environmental Program and Strategic Planning	1.6	1.6	1.4	0.0	0.0%	0.2	11.9%	4.2
Business Services	7.1	7.1	6.7	0.0	0.0%	0.3	4.4%	18.1
Prime Contract and Project Integration	8.0	8.0	7.0	0.0	0.0%	1.0	12.1%	20.5
Project Technical Services	2.7	2.7	3.1	0.0	0.0%	(0.3)	-11.8%	7.0
Indirect WBS 000 Total	**26.6**	**26.6**	**24.8**	**(0.0)**	**-0.1%**	**1.8**	**6.8%**	**68.3**

Numbers are rounded to the nearest $0.1M.

Indirect WBS 000
FYTD Schedule Performance: (-$0.0M/-0.1 percent)
Variance is within reporting thresholds.

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

Baseline Change Requests
BCR-PRC-14-006R0 – *PMB Comment Incorporation and Alignment to Contract Price*
BCRA-PRC-14-003R0 – *RCR Comment Resolution/Gen Admin Changes to FY14 PMB Update Submittal*

FY2014 G&A Analysis
($M)

WBS 000 Project Services and Support	FY2014 FYTD BCWS	FYTD Actual	FYTD Variance (O)/U		FY2014 BCWS	FY2014 Forecast	FY2014 Variance (O)/U
Office of the President	0.7	0.9	(0.2)		1.7	2.4	(0.7)
Internal Audit	0.3	0.2	0.0		0.7	0.8	(0.2)
General Counsil	0.5	0.4	0.1		1.4	1.4	0.0
Communications	0.4	0.4	(0.0)		1.0	1.1	(0.1)
Safety, Health, Security and Quality	5.4	4.5	0.8		13.8	12.8	1.0
Env. Program & Strategic Planning	1.6	1.4	0.2		4.2	3.9	0.3
Business Services	7.1	6.7	0.3		18.1	18.2	(0.1)
Prime Contract and Project Integration	8.0	7.0	1.0		20.5	20.0	0.5
Project Technical Services	2.7	3.1	(0.3)		7.0	7.2	(0.2)
General & Administrative (G&A)	**26.6**	**24.8**	**1.8**		**68.3**	**67.8**	**0.5**

	FYTD	FY 2014
G&A Distribution	**(23.1)**	**(70.1)**
G&A Liquidation (Over)/Under	**1.7**	**(2.3)**

Liquidation Analysis

- Fiscal year to date through February, application of the G&A rate has under-liquidated total to date G&A costs by $1.7M. The FY 2014 year end projected over-liquidation of $2.3M reflected in the fiscal year spend forecast 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.