CH2MHILL
Plateau Remediation Company

Monthly Performance Report

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President and Chief Executive Officer

U.S. Department of Energy Contract,
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August 2012

CHPRC-2012-08, Rev. 0

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PROJECT BASELINE SUMMARY SECTIONS

APPENDICES

EXECUTIVE SUMMARY

- During the month of August, CHPRC hosted a celebratory event to recognize the start of operations at the 200 West Pump-and-Treat facility, and the achievement of treating 1 billion gallons of groundwater in FY2012. The event included tours of the facilities with senior leaders from DOE Headquarters, Richland offices, and regulatory agencies. Guests Tracy Mustin, Deputy Assistant Secretary, Environmental Management; Jane Hedges, Program Manager at Washington State Department of Ecology; and Dan Opalski, Director of EPA Region 10 Office of Environmental Cleanup were in attendance.

SGRP Vice President Bob Popielarczyk speaks to guests at the 200 West Pump and Treat celebration event

- The Plutonium Finishing Plant Closure Project (PFP) completed a mockup for the disposition of glovebox HA-23S. The glovebox weighs more than 10 tons and about eight times larger than the typical gloveboxes CHPRC has dispositioned to date. Workers practiced techniques for separating the massive glovebox into two sections on a mockup glovebox constructed in the 200 East Area. The mockup allows workers to test tools and refine techniques to prepare for the actual evolution in a few weeks.

Workers use a mockup to prepare for the disposition of a large glovebox.

- The final Knock-Out Pot (KOP) sludge was loaded into the Multi-Canister Overpack container (MCO). The fifth and final MCO will be shipped from the K West Basin and Cold Vacuum Drying Facility to the Canister Storage Basin.
- CHPRC submitted the annual update for the Performance Measurement Baseline (PMB) on time to DOE-RL. Each year, CHPRC submits an update to ensure overall project plan enables safe and timely delivery on agreed-upon goals.
- CHPRC received two Best in Class Awards and three Honorable Mentions for EM Sustainability 2012 Awards. Employees also spared more than half a ton of waste from ending up in a landfill during their fourth Annual All-Employee Family Picnic in Richland, WA. More than 2,800 participants attended the afternoon event of family friendly fun, celebrating success on the project and improved safety. In keeping with the company's recent ISO 14001:2004 Certification, the picnic was planned as an environmentally friendly, zero waste picnic. The objective was to reduce consumption, maximize recycling, and minimize waste.

Focus on Safety

- Engineering, Projects & Construction (EPC) hosted the August 2012 President's Zero Accident Council (PZAC) meeting. The primary themes for the meeting were:
  - Why We Work Safe
  - Donate Life Today
  - Back to School Safety
- An innovative Stretch and Flex, where familiar exercises were tweaked and re-named to mimic well-known sports moves of professional athletes, kicked off the meeting and invigorated the audience. Kent Dorr, Vice President of EPC, spoke to the heart of safety in a presentation called "Why We Work Safe." Speaking in front of rotating photographs of the loved ones of EPC employees, Mr. Dorr reminded the crowd of the importance of staying safe and healthy for those who depend on us whether at work, home, or play. Terry Vaughn, Vice President of Safety, Health, Security & Quality (SHS&Q), continued to drive home the message of 24/7 safety by discussing the CH2M HILL Policy 205. Policy 205, consistent with CHPRC's current procedures and expectations and Washington State law, is a corporate-wide rule intended to remove the distractions of cell phone use while driving. Next, a representative from the Living Legacy Foundation shared a personal story celebrating the generous gifts of organ and tissue donation, educating the audience on the life-saving process and the importance of registering as a donor. EPC gave a presentation on how the accuracy of coordinate systems and engineering applications help field work to be performed safely. A Back to School Safety Checklist gave listeners tools to share with their families on ensuring the safety of walking, biking, or bussing to school, as well as preventing aches and pains related to the use of backpacks and playground equipment. One injury report was provided along with essential presentations on injury and illness performance, Voluntary Protection Program (VPP) awareness, and Good News Stories.

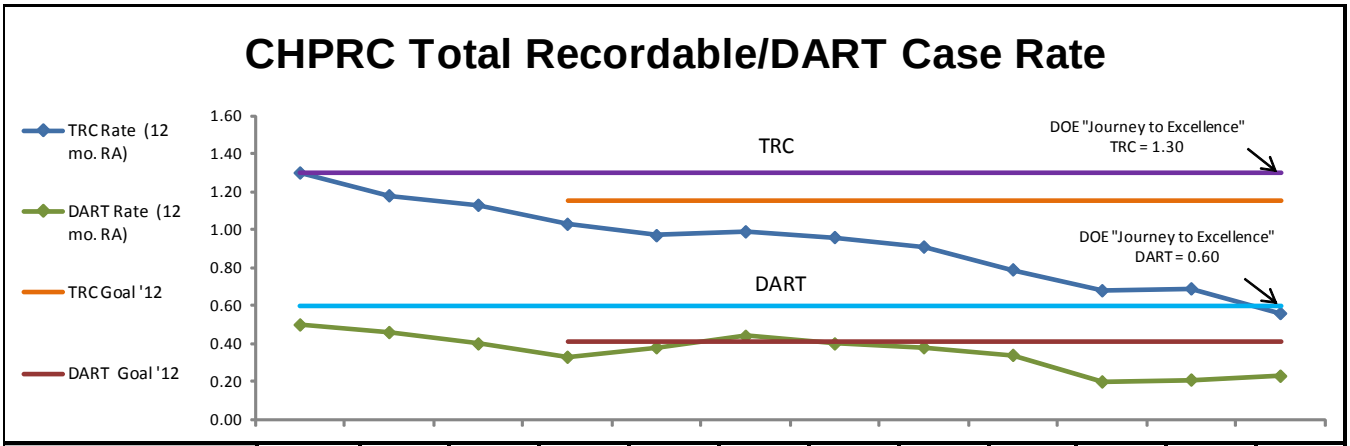
- The August PZAC presentation on the Environmental Management System praised the huge success of the annual CHPRC Family Picnic. This year's picnic, consistent with our Target Zero culture, was a Zero Waste event promoting reduction, reuse and recycling. Working with the catering company, the event planning committee analyzed and anticipated waste streams. The outcome was a picnic that provided the following forward-thinking innovations:
  - Recycle bins arranged and staged for the various waste streams.
  - Senior Managers situated throughout the picnic area to educate attendees on proper waste disposition.
  - The use of biodegradable tableware.
  - Over 220 pounds of food scraps provided to local pig farmers.
  - Collecting 580 pounds of compost.
  - Recycling 112 pounds of glass, plastic, cardboard, aluminum and bottle caps.

- The result was a family picnic with 2800 attendees working together to divert 95% of the generated waste from going to a landfill. Only 68 pounds of waste was classified as garbage, which was less than 2 full trash cans. CHPRC employees and their families proved that with intense planning, dedicated volunteers, and all persons willing to do their part in protecting the environment, it really is easy to be green.

- One *Special Safety Bulletin* on Badging Responsibilities and four "*Thinking Target Zero*" bulletins were published in August to communicate important safety, health, and environmental messages:
  - Cooking Outdoors
  - Hearing Conservation
  - Silicon Hazard
  - Communication with Regulatory Agencies
- August *Weekly Safety Tailgate* briefing packages informed the workforce about relevant topics and safety communications:
  - Upgrades to the Hanford Site Worker Eligibility Tool Cooking Outdoor Safety
  - Process for Obtaining Tow Trucks Beyond Site Barricades
  - CH2M HILL Vehicle Safety Policy 205
  - Summer Safety Campaign Contest Winner Announcement
  - Family Picnic Success
  - Identification & Evaluation of Heat Stress Conditions Cigarette Butt Can Fire Safety Environmental Compliance Officer Point-of-Contact List
  - Rabies Virus Protection
  - New Hanford Site Respiratory Protection Program Call For VPP Manager Leadership
  - Changes to the Site Employee Job Task Analysis System
  - Scaffolding Procedure Changes
  - Labor Day Travel
  - Summaries of injuries, illnesses, and close calls

TARGET ZERO PERFORMANCE
August 2012

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

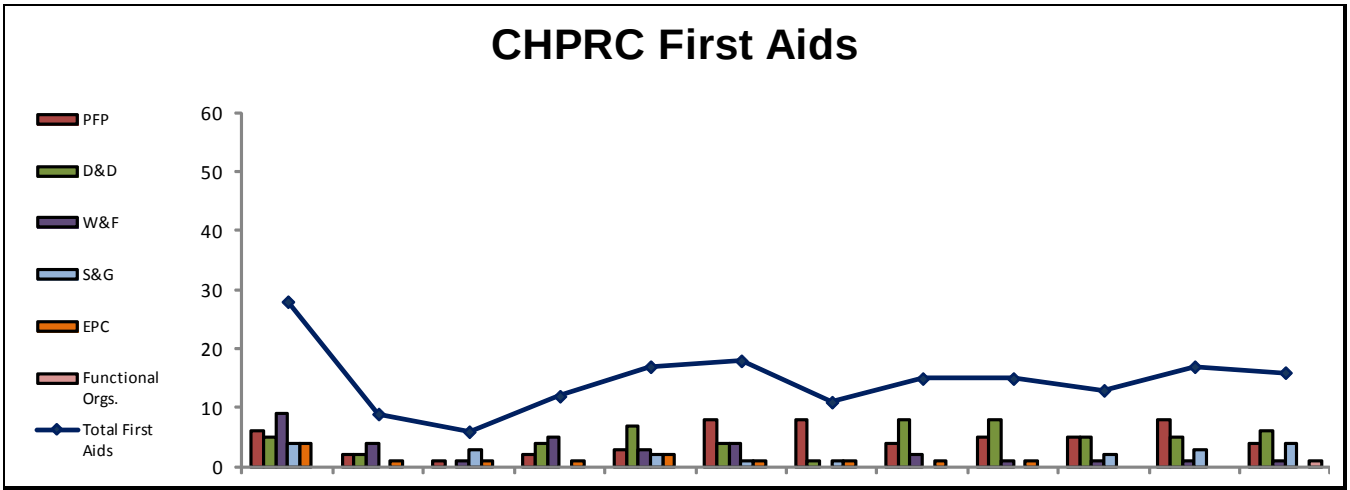


	Sep-11	Oct-11	Nov-11	Dec-11	Jan-12	Feb-12	Mar-12	Apr-12	May-12	Jun-12	Jul-12	Aug-12
PFP	0	0	0	0	2	1	1*	0	1	0	0	0
D&D	1*	0	0	0	0	0	0	1	0	0	1	0
W&F	1	0	0	0	0	0	1	0	1*	0	0	0
S&G	0	0	0	0	0	0	0	0	0	0	0	0
EPC	1	0	0	0	0	0	0	0	0	0	0	0
Functional Orgs.	0	0	0	0	0	0	0	0	0	0	0	0
Recordable Cases	**3**	**0**	**0**	**0**	**2**	**1**	**2***	**1**	**2***	**0**	**1**	**0**
DART Cases	**1***	**0**	**0**	**0**	**1**	**1**	**1***	**1**	**0**	**0**	**0**	**0**
TRC Rate (12 mo. RA)	**1.30**	**1.18**	**1.13**	**1.03**	**0.97**	**0.99**	**0.96**	**0.91**	**0.79**	**0.68**	**0.69**	**0.56**
DART Rate (12 mo. RA)	**0.50**	**0.46**	**0.40**	**0.33**	**0.38**	**0.44**	**0.40**	**0.38**	**0.34**	**0.20**	**0.21**	**0.23**

Total Recordable Injury Case (TRC) Rate – The 12 month rolling average TRC rate of 0.56 is based upon a total of 12 recordable injuries. There were no Recordable cases in August 2012.

Days Away, Restricted or Transferred (DART) Workdays Case Rate – The 12 month rolling average DART rate of 0.23 is based upon a total of five cases (two Restricted, three Day Away Cases). There are two cases under review requiring additional information.

* 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.



	Sep-11	Oct-11	Nov-11	Dec-11	Jan-12	Feb-12	Mar-12	Apr-12	May-12	Jun-12	Jul-12	Aug-12
PFP	6	2	1	2	3	8	8	4	5	5	8	4
D&D	5	2	0	4	7	4	1	8	8	5	5	6
W&F	9	4	1	5	3	4	0	2	1	1	1	1
S&G	4	0	3	0	2	1	1	0	0	2	3	4
EPC	4	1	1	1	2	1	1	1	1	0	0	0
Functional Orgs.	0	0	0	0	0	0	0	0	0	0	0	1
Total First Aids	**28**	**9**	**6**	**12**	**17**	**18**	**11**	**15**	**15**	**13**	**17**	**16**

First Aid Case Summary – CHPRC reported 16 first-aid cases in August 2012. The biggest contributors were seven strains and/or pains from awkward positions or overexertion, three abrasions/contusions from contact/being struck by an object, and two insect bites. The other injuries were varied.

KEY ACCOMPLISHMENTS

Projects

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

Project Services and Support

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

MAJOR ISSUES

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

METRICS

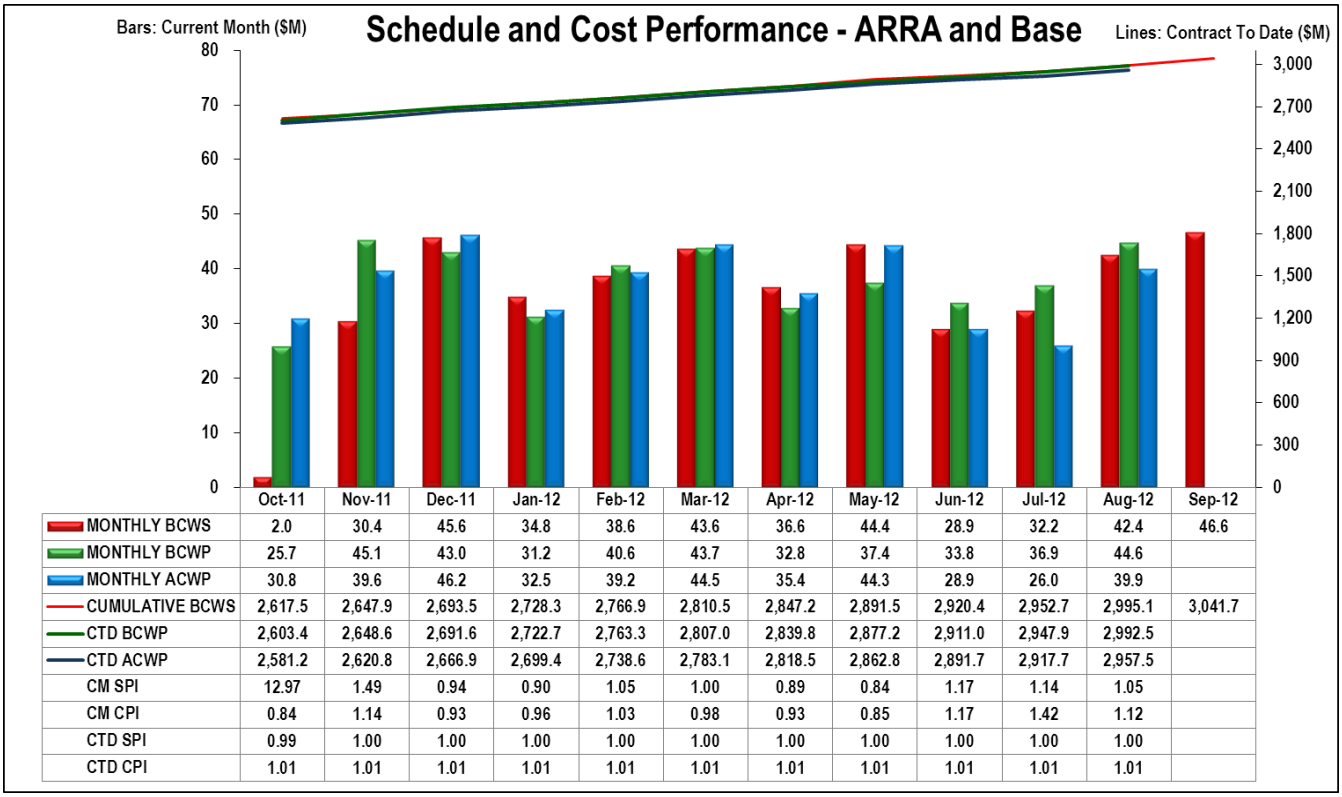
ARRA

Sub-Project	KPP	Key Metric	Unit of Measure	Cumulative through August 29, 2012
Plutonium Finishing Plant D&D	Building 234-5Z Process and Laboratory areas ready for demolition	Glove boxes removed from 234-5Z	# Glove boxes	143
		Low-level waste removed from PFP	m3	3,066
		TRU waste removed from PFP	m3	788
	20 Ancillary buildings ready for demolition	Ancillary facilities/structures and fuel vaults ready for demolition	# facilities	31
U-Plant/Other D&D	Complete deactivation, decontamination, decommissioning, and demolishing (D4) of 16 facilities	Nuclear facilities completed	# facilities	2
		Industrial facilities completed	# facilities	18
		Radiological facilities completed	# facilities	5
		Facility placed in cold and dark/demolition ready	Sq. feet	227,997
		Facility dispositioned	Sq. feet	235,060
	ARRA RL-0040.R1.1 U Plant/Other D&D	D&D Debris	m3	42,039
	ARRA RL-0040.R1.4 Asbestos Abatement	D&D Debris	m3	39
100K Area Remediation	ARRA RL-0041.R1.1 100 K Area Remediation	D&D Debris	m3	347,610

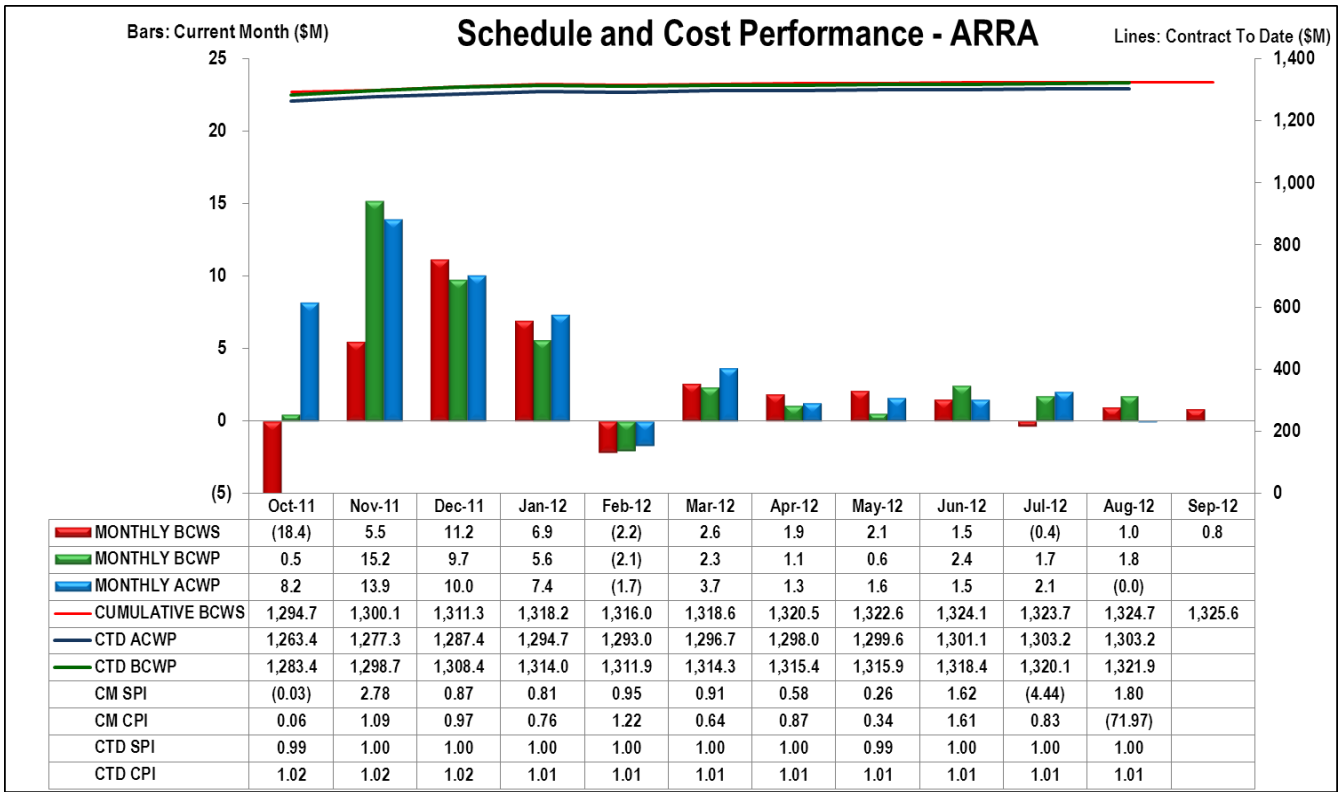
Base Metrics

Measure/Units	PBS	1st Qtr	2nd Qtr	3rd Qtr	Jul	Aug	Sep	4th Qtr	FYTD	Contract-To-Date
Nuclear Facility Completions (# of facilities)	11/40/41	0	0	2	0	0	0	0	2	2
Radiological Facility Completions (# of facilities)	11/40/41	0	1	0	0	1	0	1	2	8
Industrial Facility Completions (# of facilities)	11/40/41	0	0	1	0	0	0	0	1	42
Remediation Complete (# of release sites)	40/41	5	0	0	8	0	0	8	13	20
PRF Canyon Pencil Tanks Removed	11	10	50	15	0	0	0	0	75	90
MultiCanister Overpacks Shipped	12	0	0	1	0	0	0	0	1	1
Settler Tubes Retrieved	12	0	0	0	0	0	0	0	0	10
Knock Out Pot MCOs Shipped	12	0	0	0	1	3	0	4	4	4
Sludge Transportation & Storage Canisters Shipped	12	0	0	0	0	0	0	0	0	0
CH Transuranic Waste shipped for disposal at WIPP (cubic meters)	13	0	0	0	0	0	0	0	0	0
Low level and Mixed Low-Level Waste Disposal (cubic meters)	13	0	0	0	0	0	0	0	0	2,885
WESF K3 Filter Measurements	13	3	3	3	1	1	0	2	11	23
SW Ops Complex Container Inspections	13	13	13	13	4	5	0	9	48	100
Contaminated Groundwater Treated (million gallons)	30	303	287	292	103	110	0	214	1095	3,069
Preventive Maintenance Packages Completed	40	100	89	163	28	28	0	56	408	883

EARNED VALUE MANAGEMENT



	Oct-11	Nov-11	Dec-11	Jan-12	Feb-12	Mar-12	Apr-12	May-12	Jun-12	Jul-12	Aug-12	Sep-12
MONTHLY BCWS	2.0	30.4	45.6	34.8	38.6	43.6	36.6	44.4	28.9	32.2	42.4	46.6
MONTHLY BCWP	25.7	45.1	43.0	31.2	40.6	43.7	32.8	37.4	33.8	36.9	44.6	
MONTHLY ACWP	30.8	39.6	46.2	32.5	39.2	44.5	35.4	44.3	28.9	26.0	39.9	
CUMULATIVE BCWS	2,617.5	2,647.9	2,693.5	2,728.3	2,766.9	2,810.5	2,847.2	2,891.5	2,920.4	2,952.7	2,995.1	3,041.7
CTD BCWP	2,603.4	2,648.6	2,691.6	2,722.7	2,763.3	2,807.0	2,839.8	2,877.2	2,911.0	2,947.9	2,992.5	
CTD ACWP	2,581.2	2,620.8	2,666.9	2,699.4	2,738.6	2,783.1	2,818.5	2,862.8	2,891.7	2,917.7	2,957.5	
CM SPI	12.97	1.49	0.94	0.90	1.05	1.00	0.89	0.84	1.17	1.14	1.05	
CM CPI	0.84	1.14	0.93	0.96	1.03	0.98	0.93	0.85	1.17	1.42	1.12	
CTD SPI	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
CTD CPI	1.01	1.01	1.01	1.01	1.01	1.01	1.01	1.01	1.01	1.01	1.01	



	Oct-11	Nov-11	Dec-11	Jan-12	Feb-12	Mar-12	Apr-12	May-12	Jun-12	Jul-12	Aug-12	Sep-12
MONTHLY BCWS	(18.4)	5.5	11.2	6.9	(2.2)	2.6	1.9	2.1	1.5	(0.4)	1.0	0.8
MONTHLY BCWP	0.5	15.2	9.7	5.6	(2.1)	2.3	1.1	0.6	2.4	1.7	1.8	
MONTHLY ACWP	8.2	13.9	10.0	7.4	(1.7)	3.7	1.3	1.6	1.5	2.1	(0.0)	
CUMULATIVE BCWS	1,294.7	1,300.1	1,311.3	1,318.2	1,316.0	1,318.6	1,320.5	1,322.6	1,324.1	1,323.7	1,324.7	1,325.6
CTD ACWP	1,263.4	1,277.3	1,287.4	1,294.7	1,293.0	1,296.7	1,298.0	1,299.6	1,301.1	1,303.2	1,303.2	
CTD BCWP	1,283.4	1,298.7	1,308.4	1,314.0	1,311.9	1,314.3	1,315.4	1,315.9	1,318.4	1,320.1	1,321.9	
CM SPI	(0.03)	2.78	0.87	0.81	0.95	0.91	0.58	0.26	1.62	(4.44)	1.80	
CM CPI	0.06	1.09	0.97	0.76	1.22	0.64	0.87	0.34	1.61	0.83	(71.97)	
CTD SPI	0.99	1.00	1.00	1.00	1.00	1.00	1.00	0.99	1.00	1.00	1.00	
CTD CPI	1.02	1.02	1.02	1.01	1.01	1.01	1.01	1.01	1.01	1.01	1.01	

	Current Period					Contract to Date					Contract Period		
	Budgeted Cost		Actual Cost	Variance		Budgeted Cost		Actual Cost	Variance				
	BCWS	BCWP	ACWP	Schedule	Cost	BCWS	BCWP	ACWP	Schedule	Cost	BAC	EAC	Variance
RL-0011 - Nuclear Materials Stab & Disp PFP	10.2	8.9	11.0	(1.3)	(2.1)	520.6	515.9	529.3	(4.7)	(13.4)	893.8	903.3	(9.5)
RL-0012 - SNF Stabilization & Disposition	8.0	9.4	7.2	1.4	2.2	321.5	320.1	320.8	(1.4)	(0.7)	539.3	531.9	7.5
RL-0013 - Solid Waste Stab & Disposition	8.0	7.9	6.8	(0.1)	1.1	693.4	693.1	687.3	(0.3)	5.9	1,412.9	1,404.8	8.1
RL-0030 - Soil & Water Rem-Grndwtr/Vadose	10.1	9.4	9.8	(0.7)	(0.3)	796.0	797.5	800.1	1.5	(2.6)	1,499.4	1,500.4	(1.0)
RL-0040 - Nuc Fac D&D - Remainder	1.6	1.3	1.2	(0.3)	0.0	362.9	362.9	336.6	(0.0)	26.3	648.8	622.7	26.0
RL-0041 - Nuc Fac D&D - RC Closure Project	4.4	7.6	3.8	3.2	3.8	287.1	289.4	271.6	2.3	17.7	517.4	503.8	13.6
RL-0042 - Nuc Fac D&D - FFTF Project	0.2	0.2	0.1	(0.0)	0.1	13.7	13.7	11.9	0.0	1.8	26.2	24.7	1.5
(Numbers are rounded to the nearest $0.1M) Total	42.4	44.7	39.9	2.2	4.8	2,995.1	2,992.5	2,957.5	(2.6)	35.0	5,537.8	5,491.6	46.2

Performance Summary

The Project continues to track completion of contract scope within budget (currently projecting +$150M Variance at Completion (See Appendix A, Contract Performance Report, Format 1)). Significant risks remain in the completion of the Plutonium Finishing Plant (PFP) where aged systems and increased contamination have impacted cleanup.

- The current month favorable schedule variance is primarily due to completing work on KE Sedimentation Basin and to early completion of Knock-Out Pot Processing System (KPS) activities. In addition, Waste Site backfill is near completion as well as remediation of Area AG. While PFP schedule and cost performance declined in August, impact to the PFP schedule has been addressed and corrective actions are in place. Impact of additional soil contamination (realized risk) is being addressed and D&D structure demolition and waste site remediation schedule recovery actions are being explored.
- The current month favorable cost variance is primarily due to less remediation being required than planned for Waste Site Areas AG and AH. In addition, based on the sampling results for the KE Sedimentation Basin, less demolition was required than planned. Other contributors were efficiencies with Annex Construction Management resources, efficiencies realized in completing KPS processing of MCOs and loading the remaining copper inserts.

FUNDING ANALYSIS

FY2012 Funds vs. Fiscal Year Spend Forecast ($M)

		FY2012		
PBS	Project	Projected Funding	Spending Forecast	Variance
RL-0011	Nuclear Materials Stabilization and Disposition	33.4	33.4	0.0
RL-0013	Waste and Fuels Management Project	4.6	4.6	0.0
RL-0030	Soil, Groundwater and Vadose Zone Remediation	0.6	0.6	0.0
RL-0040	Nuclear Facility D&D, Remainder of Hanford	9.2	9.2	0.0
RL-0041	Nuclear Facility D&D, River Corridor	6.5	6.5	0.0
	Total ARRA:	**54.2**	**54.2**	**0.0**
RL-0011	Nuclear Materials Stabilization and Disposition	91.7	90.1	1.6
RL-0012	Spent Nuclear Fuel Stabilization and Disposition	87.0	84.1	2.9
RL-0013	Waste and Fuels Management Project	84.2	82.6	1.6
RL-0030	Soil, Groundwater and Vadose Zone Remediation	124.7	124.0	0.6
RL-0040	Nuclear Facility D&D, Remainder of Hanford	11.4	11.0	0.4
RL-0041	Nuclear Facility D&D, River Corridor	34.6	30.6	4.1
RL-0042	Fast Flux Test Facility Closure	2.0	1.7	0.3
	Total Base:	**435.5**	**424.0**	**11.5**

Funds/Variance Analysis:

The ARRA spending forecast assumes that all ARRA funding is spent in FY2012. Base funding reflects FY2011 carryover funds of $42.2M. FY2012 new budget authority remains at $393.3M, for a FY2012 total projected funding of $435.5M.

BASELINE CHANGE REQUESTS

In August 2012, CHPRC approved and implemented two (2) BCRs. Each change request is identified in the table below:

Change Request #	Title	Summary of Change
Implemented into the Earned Value Management System for August 2012		
BCR-013-12-005R0	*Transfer Contingent ARRA Scope to Base*	CHPRC requested and received approval from DOE-RL to transfer scope from ARRA to Base, effective to October 1, 2011, in order to align scope, schedule, and budget from ARRA to Base to accommodate ARRA closeout in fiscal year (FY) 2012.
BCR-040-12-006R0	*Central Plateau Surplus Steam Lines Surveillance*	Consistent with DOE correspondence letter 1203119, CHPRC is assigned landlord responsibility (including long-term surveillance and maintenance) of the surplus steam lines within the Central Plateau and its associated underground injection wells (UICs). As part of on-going surveillance, the contractor shall inspect all Central Plateau 200 Area Hanford Site, aboveground, surplus steam lines up to facility and fence line boundaries of operating facilities, and identify any asbestos exposure and determine any threat to workers or the public.

Overall the contract period performance measurement baseline (PMB) budget is increased by $35K in August 2012.

Management Reserve Activity

BCR Number	Title	Fiscal Year	MR (ARRA)	MR (Base)
BCR-011-12-005R0	*Transfer Contingent ARRA Scope to Base*	2012	N/A	-$28.3K
Overall MR Change in August 2012 decreased -$28.3K				

No Fee impact in August 2012.

See the Format 3 Report in Appendix A and A-1 for a complete listing of the specific change requests and the impact on the PMB budget by fiscal year. The change to the Estimated Contract Price, if all authorized, unpriced work scope were definitized at the PMB values as a result of change requests processed in August 2012, would be an increase of $35.1K and is summarized by fiscal year in the tables below (dollars in thousands, negative number represents reduction):

August 2012 Summary of Changes

	FY2009	FY2010	FY2011	FY2012	FY2013	FYs 2009-2013	FYs 2014-2018	Contract Period Total	Post Contract Total	Total PMB
July 2012 Estimate										
PMB	653,426.0	960,017.3	1,002,104.8	426,125.8	492,432.5	3,534,106.4	2,003,606.6	5,537,713.0	0.0	5,537,713.0
MR	0.0	0.0	0.0	23,964.3	8,559.1	32,523.4	78,063.1	110,586.5	0.0	110,586.5
Fee	39,712.0	48,772.3	32,322.0	17,051.9	24,694.9	162,553.1	76,346.5	238,899.6	0.0	238,899.6
Total	***693,138.0***	***1,008,789.6***	***1,034,426.8***	***467,142.0***	***525,686.5***	***3,729,182.9***	***2,158,016.2***	***5,887,199.1***	***0.0***	***5,887,199.1***
Change by Funding Source in August 2012										
PMB										
ARRA										
All ARRA WBSs	0.0	0.0	0.0	-2,510.9	0.0	-2,510.9	0.0	-2,510.9	0.0	-2,510.9
Base										
All Base WBSs	0.0	0.0	0.0	2,574.3	0.0	2,574.3	0.0	2,574.3	0.0	2,574.3
Change to PMB	***0.0***	***0.0***	***0.0***	***63.4***	***0.0***	***63.4***	***0.0***	***63.4***	***0.0***	***63.4***
MR										
ARRA										
All ARRA WBSs	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Base										
All Base WBSs	0.0	0.0	0.0	-28.3	0.0	-28.3	0.0	-28.3	0.0	-28.3
Change to MR	***0.0***	***0.0***	***0.0***	***-28.3***	***0.0***	***-28.3***	***0.0***	***-28.3***	***0.0***	***-28.3***
Fee										
ARRA										
All ARRA WBSs	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Base										
All Base WBSs	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Change to Fee	***0.0***	***0.0***	***0.0***	***0.0***	***0.0***	***0.0***	***0.0***	***0.0***	***0.0***	***0.0***
Total Change	***0.0***	***0.0***	***0.0***	***35.1***	***0.0***	***35.1***	***0.0***	***35.1***	***0.0***	***35.1***
August 2012 Estimate										
PMB	653,426.0	960,017.3	1,002,104.8	426,189.2	492,432.5	3,534,169.8	2,003,606.6	5,537,776.4	0.0	5,537,776.4
MR	0.0	0.0	0.0	23,936.0	8,559.1	32,495.1	78,063.1	110,558.2	0.0	110,558.2
Fee	39,712.0	48,772.3	32,322.0	17,051.9	24,694.9	162,553.1	76,346.5	238,899.6	0.0	238,899.6
Total	***693,138.0***	***1,008,789.6***	***1,034,426.8***	***467,177.1***	***525,686.5***	***3,729,218.0***	***2,158,016.2***	***5,887,234.2***	***0.0***	***5,887,234.2***

Changes to/Utilization of Management Reserve in August 2012

		FY2009	FY2010	FY2011	FY2012	FY2013	FY2009-2013	FY2014-2018	Total
July 2012 MR Totals									
ARRA	RL-0011.R1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	RL-0013.R1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	RL-0013.R1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	RL-0030.R1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	RL-0030.R1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	RL-0040.R1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	RL-0040.R1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	RL-0041.R1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	ARRA Total	***0.0***	***0.0***	***0.0***	***0.0***	***0.0***	***0.0***	***0.0***	***0.0***
Base	RL-0011	0.0	0.0	0.0	12,834.9	-1,098.0	11,736.9	9,238.7	20,975.6
	RL-0012	0.0	0.0	0.0	194.8	2,982.5	3,177.3	8,203.9	11,381.2
	RL-0013	0.0	0.0	0.0	180.1	-966.3	-786.2	18,546.6	17,760.4
	RL-0030	0.0	0.0	0.0	7,685.9	3,809.0	11,494.9	7,307.2	18,802.1
	RL-0040	0.0	0.0	0.0	1,796.8	961.7	2,758.5	16,643.6	19,402.1
	RL-0041	0.0	0.0	0.0	1,104.4	2,670.2	3,774.6	17,123.1	20,897.7
	RL-0042	0.0	0.0	0.0	167.3	200.0	367.3	1,000.0	1,367.3
	Base Total	***0.0***	***0.0***	***0.0***	***23,964.2***	***8,559.1***	***32,523.3***	***78,063.1***	***110,586.4***
	MR Total	***0.0***	***0.0***	***0.0***	***23,964.2***	***8,559.1***	***32,523.3***	***78,063.1***	***110,586.4***
August 2012 MR Changes/Utilization									
ARRA	RL-0011.R1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	RL-0013.R1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	RL-0013.R1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	RL-0030.R1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	RL-0030.R1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	RL-0040.R1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	RL-0040.R1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	RL-0041.R1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	ARRA Total	***0.0***	***0.0***	***0.0***	***0.0***	***0.0***	***0.0***	***0.0***	***0.0***
Base	RL-0011	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	RL-0012	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	RL-0013	0.0	0.0	0.0	-28.3	0.0	-28.3	0.0	-28.3
	RL-0030	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	RL-0040	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	RL-0041	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	RL-0042	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Base Total	***0.0***	***0.0***	***0.0***	***-28.3***	***0.0***	***-28.3***	***0.0***	***-28.3***
	MR Total	***0.0***	***0.0***	***0.0***	***-28.3***	***0.0***	***-28.3***	***0.0***	***-28.3***
August 2012 MR Totals									
ARRA	RL-0011.R1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	RL-0013.R1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	RL-0013.R1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	RL-0030.R1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	RL-0030.R1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	RL-0040.R1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	RL-0040.R1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	RL-0041.R1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	ARRA Total	***0.0***	***0.0***	***0.0***	***0.0***	***0.0***	***0.0***	***0.0***	***0.0***
Base	RL-0011	0.0	0.0	0.0	12,834.9	-1,098.0	11,736.9	9,238.7	20,975.6
	RL-0012	0.0	0.0	0.0	194.8	2,982.5	3,177.3	8,203.9	11,381.2
	RL-0013	0.0	0.0	0.0	151.8	-966.3	-814.5	18,546.6	17,732.1
	RL-0030	0.0	0.0	0.0	7,685.9	3,809.0	11,494.9	7,307.2	18,802.1
	RL-0040	0.0	0.0	0.0	1,796.8	961.7	2,758.5	16,643.6	19,402.1
	RL-0041	0.0	0.0	0.0	1,104.4	2,670.2	3,774.6	17,123.1	20,897.7
	RL-0042	0.0	0.0	0.0	167.3	200.0	367.3	1,000.0	1,367.3
	Base Total	***0.0***	***0.0***	***0.0***	***23,935.9***	***8,559.1***	***32,495.0***	***78,063.1***	***110,558.1***
	MR Total	***0.0***	***0.0***	***0.0***	***23,935.9***	***8,559.1***	***32,495.0***	***78,063.1***	***110,558.1***

SELF-PERFORMED WORK

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

Contracts-to-Date Actual Awards & Mods Contracts + Purchase Orders + Pcard 10/1/08 -9/1/2012							
	ARRA		BASE		Total $	Total %	Goal
	$	%	$	%			%
SB	$376,377,076	56.64%	$581,401,108	45.34%	$957,778,184	49.20%	49.30%
SDB	$78,323,765	11.79%	$96,931,427	7.56%	$175,255,192	9.00%	8.20%
SWOB	$87,431,752	13.16%	$103,390,113	8.06%	$190,821,865	9.80%	7.50%
HUB	$22,350,911	3.36%	$22,535,793	1.76%	$44,886,704	2.31%	2.20%
VOSB	$52,715,486	7.93%	$60,465,587	4.72%	$113,181,073	5.81%	3.50%
SDVO	$13,201,977	1.99%	$40,908,808	3.19%	$54,110,785	2.78%	1.30%
NAB	$17,618,486	2.65%	$11,134,335	0.87%	$28,752,821	1.48%	0.00%
Large	$206,084,062	31.01%	$340,541,579	26.56%	$546,625,641	28.08%	0.00%
GOVT	$133,783	0.02%	$1,726,683	0.13%	$1,860,466	0.10%	0.00%
GOVT CONT	$81,878,594	12.32%	$355,415,745	27.72%	$437,294,339	22.46%	0.00%
EDUC	$782	0.00%	$84,874	0.01%	$85,656	0.00%	0.00%
NONPROFIT	$49,097	0.01%	$2,902,898	0.23%	$2,951,994	0.15%	0.00%
FOREIGN	$21,173	0.00%	$200,557	0.02%	$221,730	0.01%	0.00%
Total	**$664,544,566**		**$1,282,276,821**		**$1,946,821,387**		

Projection to FY2018	
Planned Subcontracting*	$2,524,483,195
Contract-to-date awards	$1,946,821,387
Bal remaining to award =	$577,661,808
Goal award $	**Bal to goal $**
$1,244,570,215	$286,792,031
$207,007,622	$31,752,430
$189,336,240	($1,485,625)
$55,538,630	$10,651,926
$88,356,912	($24,824,161)
$32,818,282	($21,292,503)
** 10-year subcontracting projection*	
PRC clause H.20 small business (SB) requirement:	
≥17% of Total Contract Price performed by SB	
Total Contract Price:	$5,861,382,070
17% requirement:	$996,434,952
SB Awarded:	$957,778,184
Balance to Requirement:	$38,656,768

Notes:

1. Subcontracting goals have been met as a result of a concerted effort to award new small business actions and an update of the subcontracting goals to match the small business plan submitted to DOE in December 2010 that was verbally accepted by DOE in August 2011. Fifty-one percent of total awards have been made to small businesses with approximately 54% of ARRA awards to small businesses.
2. ARRA-funded awards have accounted for approximately 44% of all actions placed since contract inception.
3. Approximately 93% of the total dollars arise from service and staffing Contracts and Contract amendments with five percent of the dollars arising from P-Card purchases and the balance from purchase orders for materials and equipment.
4. This report excludes blanket contract values which are only estimates and not used for payment obligations.
5. Data is summarized by business categories (Women Owned Minority Business Enterprise codes) in accordance with socioeconomic reporting requirements. Small business categories overlap and should not be added together.

GOVERNMENT FURNISHED SERVICES AND INFORMATION (GFS/I)

Contract Section	Project	GFS/I	Status
CONTRACT			
J.12/C.2.3.6	PBS-13, Transuranic Waste Certification	WIPP provides shipping resources and manages the schedule for transportation of these containers to WIPP. The schedule is variable and the number of shipments is controlled by DOE-HQ on a complex-wide priority. Cost for shipment of TRU waste offsite is borne by the Carlsbad Field Office.	Ongoing

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

CH2MHILL
Plateau Remediation Company

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

August 2012
CHPRC-2012-08, 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	2 gloveboxes	174 gloveboxes/hoods
KPP Rooms/Areas Ready for Demo	3	59 rooms/areas
Asbestos/ACM Removed	215	16,838 feet
Process Vacuum Piping Dispositioned	53	1,792 feet
Process Transfer Line Dispositioned	50	659 feet
Pencil Tank Units Removed	-	90 pencil tank units
Buildings Ready for Demo	-	32 structures
Buildings Demolished or Removed	-	32 structures
Non-radioactive Waste Shipped	1 m^3	36 m^3
TRU/TRU-M Shipped	42 m^3	956 m^3
LLW/MLLW Shipped	42 m^3	3,813 m^3

- There were no lost or restricted workday cases this period.
- D&D mission progress at PFP fell below plan for the month, primarily due to contamination and chemical events, Beryllium Stop Work, and more complex and time-consuming work.
- Removal of plutonium-contaminated process equipment continued, with a particular focus on removing gloveboxes and associated piping and ductwork. Gloveboxes HA-8B and HA-9C were removed from Room 235A-3, in RMA Line, and transferred to Solid Waste Operations, bringing the total gloveboxes removed to date to 174, or 75 percent complete. Mockup of the HA-23S glovebox separation was completed and a number of key improvements to the planned work evolution identified. All equipment used in the mockup was disassembled and transported to 212-Z Tent #2. Removal of lead shielding and mezzanine interferences was initiated to prepare for the HA-23S separation. The Key Performance Parameter (KPP) verification records were completed for closure of Rooms 230A, 230B, and 230C in RMC Line. In addition, on August 30, 2012, Room 235 was declared KPP complete, bringing the total to 60 of 72 (83%) KPP rooms being complete. The project removed 53 feet of highly contaminated process vacuum lines and an additional 215 feet of asbestos. The project was able to disposition 50 feet of process transfer line.
- Canyon entries were completed to inspect and replace the Plutonium Reclamation Facility (PRF) damaged Canyon Crane truck (trolley), collect data for engineering, and to complete annual maintenance (add oil to the trolley gear box). Based on functional testing, engineering modified the design, and a new truck was fabricated. Canyon entries to replace the truck and complete functional testing of the crane are scheduled for next month. The total PRF canyon pencil tank units removed and dispositioned remained at 90, or 46 percent complete. The Miscellaneous Treatment glovebox team removed the closed loop cooling water line and continued mechanical isolations.
- Ramp-up of the D&D 242-Z project was initiated. A detailed schedule of the ramp-up activities has been developed and a project manager assigned.
- Implementation continued on three breakthrough initiatives, which have the potential to accelerate schedule and reduce life cycle cost.

EMS Objectives and Target Status

Objective #	Objective	Target	Actions to Achieve Target	Due Date	Status
12-EMS-PFP-OB1-T1	Reduce generation/ toxicity of waste through spill reduction	Reduce likelihood of hydraulic spills from D&D work at PFP	Review history of D&D hydraulic failures	12/30/2011	100%
			Identify types of failure and impact	03/29/2012	100%
			Research improved hydraulic line technology	06/29/2012	100%
			Report recommendations to management	07/30/2012	100%
12-EMS-PFP-OB2-T1	Reduce vehicle miles/ greenhouse gas emissions by use of mass transit	Formally request Ben Franklin Transit (BFT) bus service to 200W/PFP	Formally request BFT/CHPRC to implement	10/31/2011	100%
			Conduct tour/employee meetings with BFT	11/01/2011	100%
			Formally request proposal from BFT	11/24/2011	100%
12-EMS-PFP-OB3-T1	Reduce radioactive air emissions from open air demolition of 236-Z	Decontamination of 236-Z Building canyon	Review decontamination methods	12/30/2011	100%
			Evaluate selected method for air emissions	06/30/2012	100%
			Evaluate method's ability for source reduction	08/31/2012	100%

TARGET ZERO PERFORMANCE

	Current Month	Rolling 12 Month	Comment
Days Away, Restricted or Transferred	0	3	N/A
Total Recordable Injuries	0	5	N/A
First Aid Cases	4	56	**Base –** 8/2/2012 – Employee experienced strain to left hand. (22846) **Base** – 8/6/2012 – Employee received contusion to right wrist. (22848) **Base** – 8/9/2012 – Employee received contusion to left finger. (22854) **Base** – 9/16/2012 – Employee experienced strain to right shoulder. (22858)
Near Misses	0	0	N/A

KEY ACCOMPLISHMENTS

ARRA

11.05 Disposition PFP Facility – ARRA

- In Room 235A-2, scaffolding was erected and mechanical isolations on the top of the gloveboxes were completed. Lighting was installed, glove port activations completed, and work was started on the removal of the conveyor guide rails.
- In Room 235A-3, the Hadley balance and large support beam were removed. In addition, gloveboxes HA-9D, HA-8B, and HA-9C were removed.
- In Room 235B, bulk area cleanout work continued and is approximately 90% complete.
- Mockup activities to simulate the HA-23S glovebox separation were completed at 2610E and the support equipment was disassembled and returned to PFP.
- In Rooms 230A, 230B, and 230C, bulk area cleanout work was completed.
- In Room 228B, fixative was applied to the internal surfaces of gloveboxes HC-1C, HC-1D, HC-12S, and HC-13MD and removal activities for HC-12S and HC-13MD were started.
- In Room 228C, glovebox exhaust filters were removed and sweeps and wipe downs were completed for HC-17DC, HC-17P, and HC-17SBB. NDA was also completed for these gloveboxes. In addition, initiated the removal of mechanical components over HC-18M.

Base

11.02 Maintain Safe & Compliant PFP

- 291-Z Exhaust Fan Maintenance
  - Completed inspections on EF-3 and identified additional cracks on the fan wheel. After an Engineering evaluation, it was determined that all cracks can be repaired. A revised schedule was submitted to address additional repairs.
  - Preliminary work was started for the replacement of the EM-6 motor and EF-6 fan bearings. When the JCO is approved and implemented, the old motor will be lifted out and the new motor lowered in to the building for installation.

11.05 Disposition PFP Facility

Backside Rooms (Rooms 158-172) D&D

- Room 166 D&D
  - Room 166 GB Mechanical Isolation:
    - Removed 20- feet of *Concentrated Nitric Acid* piping system.
  - Removed 10- feet of *Dilute Nitric Acid* piping system
- Electrical isolation of Backside Rooms:
  - Completed electrical intrusive investigation for isolation of the Room 169 and Room 170 Gloveboxes; work package is drafted and in the review cycle

Room 227 D&D

- Work package for mechanical isolation of 227-S GB approved through HRB; package is in work-release review

Disposition PFP (234-5Z) Facility

- Removed 127 feet of process vacuum piping for a total of 1,866 feet removed
- Removed 35 feet of transfer lines for a total of 659 feet removed
- Removed 155 feet of asbestos

Plutonium Reclamation Facility (PRF)

- Canyon entries to inspect the east festoon cable and replace the festoon cable truck (trolley) were completed. Additional entries were conducted for the annual maintenance of adding oil to the trolley gear box. Oil levels were checked in the bridge gear Box K and data was obtained to support future planning activities.
- Engineering modified the design and a new festoon cable truck was fabricated. Canyon entries are planned for replacement of the truck.
- During preparation activities for the canyon entries, the MT glovebox team continued on the mechanical isolation of the MT conveyor glovebox and completed removal of the closed loop cooling water line.

MAJOR ISSUES

Issue – On Tuesday, June 26, while performing crane moves during the sealing of Miscellaneous Material Containers (MMCs), one of the east festoon cable trucks (trolleys) fell out of the track in the canyon ceiling. One loop of the festoon cable is hanging lower than the others with the failed truck still attached.

Corrective Action – A canyon entry was conducted on Wednesday, September 5, to remove the twist in the festoon cable and correct the location of the tension cable. An operational test was performed where the bridge was moved from the north canyon location at least half the distance of the canyon toward the south. The tensioning wire ropes performed as desired and the replacement truck was pulled across the rail transition successfully. The second and third trucks also were pulled across the first rail transition successfully. The bridge was then moved back to the north and the test was repeated to observe the first two festoon trucks successfully move across the rail transition for a second time. The test of the festoon system was completed successfully. The monthly wire rope inspection on the canyon crane was completed and the crane returned to service on Friday, September 7.

Issue – On Thursday, August 2, the Transfer Line removal team encountered high concentration acid. This was located in a line that had already been air gapped on both ends and the liquid was not expected.

Corrective Action – Held formal post job. Although the work package contained the appropriate PPE, the team developed additional controls for high concentration acids and recommended implementation across PFP.

Status – Work package has been updated and released. Additional materials have been ordered and received.

RISK MANAGEMENT STATUS

Unassigned Risk
Risk Passed
New Risk
Change

Working - No Concerns
Working - Concern
Working - Critical

Increased Confidence
No Change
Decreased Confidence

Risk Title	Risk Strategy/Handling	Assessment		Comments
		Month	Trend	
RL-011/WBS 011				
PFP-003: More Extensive Cleanout/Decon Required	Develop and implement a detailed process facility characterization plan into the field execution schedule. Determine and obtain approval for ready-for-demolition criteria (contamination removal/cleanup endpoints prior to building demolition). Early characterization provides an opportunity to avoid project schedule impact; however, cost impacts remain.	Working - Concern	No Change	Development of a detailed PFP-wide characterization plan is underway to further define ready-for-demolition criteria for the Plutonium Reclamation Facility (236-Z), the most challenging of the facilities.
PFP-004, Risk of PRF Canyon D&D cost/schedule growth	Complete detailed planning/engineering for D&D of PRF canyon, particularly pencil tank removal and canyon decontamination. Mitigation actions are currently in place to move the annual crane maintenance forward to work the festoon cable repair in parallel. Additional overtime will be planned for Pencil Tank removal, and MT activities to recover schedule lost for the festoon wheel design.	Working - Concern	Decreased Confidence	While performing crane moves during the sealing of Miscellaneous Material Containers (MMCs), one of the east festoon cable trucks fell out of the track in the canyon ceiling causing work to be suspended for Pencil Tank size reduction efforts. Issues with the festoon cable wheel design are still impacting field work activities for Pencil Tank removal.
PFP-009: Problems with Aging Building Systems/Components Impacts D&D	Perform critical system reliability assessments for all of the PFP safety and essential systems; procure critical spares; maintain existing redundancies; repair or replace equipment as failures occur and complete planned facility modifications. BCR is underway to repair floor supports to ensure continued personnel safety/access of the airborne sampling equipment, and Ventilation Systems	Working - Critical	Decreased Confidence	Visual inspection of the EF-3 wheel caused management to conduct a magnetic particle inspection. A total of 31 cracks were discovered in the EF-3 wheel after testing was completed. Corrosion of the 2712-Z floor has created personnel safety concerns.
PFP-008: Unexpected High Concentration TRU Material Holdup Discovered	Utilize supplemental NDA and other characterization techniques to identify areas of concern early in the project. Discuss potential response actions and administrative controls with Safeguards and Security, and proceduralize them as needed to guide the project in responding in the event unexpected material is identified. Plans are underway to obtain a confidence NDA shot from under the hammer mill.	Working - Concern	Decreased Confidence	Planning is continuing to further evaluate the disposition path for the section of piping that was discovered to have higher than expected material holdup. NDA results for gloveboxes exceeded the threshold to support the "Remove TRU Whole" disposition path causing additional cleanout work for HC-17.
PFP-014: Unexpected Chemicals/Chemical Residuals or Hazardous Materials Are Discovered at PFP	Conduct wall-to-wall waste identification walk downs, fill out waste identification forms (WIF) and issue WIF reports. Continue planned sampling and identification of areas and equipment with lower confidence levels. Revise work packages for additional controls and implement additional equipment deployment such as absorbent pads to neutralize acid and double floor containment glovebags.	Working - Concern	Decreased Confidence	PCB oil from a hydraulic ram in RMA was discovered to contain TRU holdup (Waste disposal is still pending). No impacts to field teams. Discovery of high constricted acid was discovered in the casing surrounding the transfer lines during removal causing degradation of the glovebags. This caused several work packages to be revised where acid is expected.

PFP-039: Beryllium Program Changes	Work closely with CHPRC central organizations to understand and anticipate potential changes in the program prior to implementation. Maintain existing contracts and establish new contracts with additional suppliers of Be analytical services and professional staff to help mitigate the schedule impacts of any new program requirements. Improve communications with the workforce regarding the potential Be hazards at PFP, the Be control program, and potential changes to the program or project practices.			Concerns were raised over the span of several weeks regarding BWP/NHAs weren't job specific. The repetitive concerns caused a stop work on 8/24 by an MSA safety Rep on all Be areas in PFP. BWP's/BHA's were revised to be job specific, and all effected teams will be briefed.
PFP-042, Increased Attrition Impacts Availability of Qualified Resources **PRC-021A, Workforce restructuring caused by funding changes**	Revise project schedules and work planning documents around workforce restructuring timelines. Work with other contractors to minimize impacts associated with Bump and Roll.			Based on FY2013 baseline update guidance projections, PFP is initiating workforce restructuring to incorporate into baseline with interface management between other contractors to identify potential bump and roll impacts to the project.
PFP-058: OPP: Cost Savings Initiatives	Working with RL, CHPRC has undertaken a process to identify, implement, and track efficiencies. High probability efficiencies have been identified and evaluated to establish potential cost reductions. These efficiencies include a range of more cost efficient methods of performing work.			Management is continuing to evaluate potential efficiencies across the PFP complex.
PRC-059, Infrastructure Impacts Operations	Continue to work with DOE contractors to ensure issues such as power, IT, steam, and water are restored in a timely manner to reduce impacts to field work.			No issues for the month of August.

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 (%)
ARRA	0.0	0.5	2.1	0.5	0.0	(1.6)	-310.6
Base	10.2	8.3	8.9	(1.8)	-18.0	(0.5)	-6.4
Total	**10.2**	**8.9**	**11.0**	**(1.3)**	**-13.0**	**(2.1)**	**-23.9**

Numbers are rounded to the nearest $0.1M

ARRA

CM Schedule Variance: (+$0.5M/0.0%)

The schedule variance is primarily due to progress earned on scope scheduled to be completed in prior periods.

CM Cost Variance: (-$1.6M/-310.6%)

The cost variance results from KPP-related glovebox removal actual costs continuing under ARRA funding through FY2012, while progress is earned on incomplete ARRA-funded activities, as well as any Base-funded activities scheduled to start July 2012. (NOTE: When planning the original baseline, it was assumed that ARRA funds would be exhausted by July, 2012 month end. With recognized efficiencies, ARRA funding will be available through the middle of September. As a result, a BCR is being processed and will be implemented the end of September to re-align scope to ARRA that was originally planned under a Base WBS element and performed with ARRA funds). Also contributing to the variance is the cost of D&D teams during non-productive events, disposal cost of gloveboxes removed (and earned) in prior period, and higher use of overtime to mitigate schedule impacts.

Base

CM Schedule Variance: (-$1.8M/-18.0%)

The schedule variance is primarily due to delays experienced in 234-5Z glovebox removal and process piping removal, resulting from administrative hold on chemical work, contamination event, stop work on beryllium-related scope, more complex or time-consuming scope, or resource availability. In addition, PRF continued canyon entries to repair the damaged canyon crane truck (trolley) required resources planned to complete Miscellaneous Treatment glovebox mechanical isolations.

CM Cost Variance: (-$0.5M/-6.4%)

The cost variance results from increased use of riggers, cost of D&D teams responding to events and working more complex and time-consuming scope (HA-23S glovebox separation mockup, Room 235A-2 glove port activation, repair PRF canyon crane cable truck), and a limited ability to reassign resources to other work. The unfavorable variance is offset by RMA/RMC progress earned on Base-funded project management, with actual costs continuing with ARRA funds. (NOTE: When planning the original baseline, it was assumed that ARRA funds would be exhausted by July, 2012 month end. With recognized efficiencies, ARRA funding will be available through the middle of September. As a result, a BCR is being processed and will be implemented the end of September to re-align scope to ARRA that was originally planned under a Base WBS element and performed with ARRA funds.)

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)
ARRA	288.6	285.6	296.8	(3.0)	-1.1	(11.2)	-3.9	288.6	297.7	(9.0)
Base	231.9	230.3	232.5	(1.7)	-0.7	(2.3)	-1.0	605.2	605.7	(0.5)
Total	**520.6**	**515.9**	**529.3**	**(4.7)**	**-0.9**	**(13.4)**	**-2.6**	**893.8**	**903.4**	**(9.5)**

Numbers are rounded to the nearest $0.1M

ARRA

CTD Schedule Performance: (-$3.0M/-1.1%)

The schedule variance is within reporting thresholds.

CTD Cost Performance: (-$11.2M/-3.9%)

The cost variance is within reporting thresholds.

Base

CTD Schedule Variance (-$1.7M/-0.7%)

The schedule variance is within reporting thresholds.

CTD Cost Variance (-$2.3M/-1.0%)

The cost variance is within reporting thresholds.

Variance at Completion (-$9.5M/-1.1%)

The variance at completion is within reporting threshold.

Contract Performance Report Formats are provided in Appendix A and Appendix A-1.

Estimate at Completion (EAC)

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

The EAC changes from July to August, for both ARRA and Base, are within reporting thresholds.

FUNDS vs. SPEND FORECAST ($M)

	FY2012		
WBS 011/RL-0011 Nuclear Matl Stab & Disp PFP	**Projected Funding**	**Spending Forecast**	**Spend Variance**
ARRA	33.4	33.4	0.0
Base	91.7	90.1	1.6
RL-0011 Total	**125.1**	**123.4**	**1.6**

Numbers are rounded to the nearest $0.1M

Funds/Variance Analysis

Funding includes FY2011 carryover and FY2012 new Budget Authority.

Critical Path Schedule

Critical Path analysis can be provided upon request.

Baseline Change Requests

None identified at this time.

MILESTONE STATUS

None identified at this time.

SELF-PERFORMED WORK

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

GOVERNMENT FURNISHED SERVICES AND INFORMATION (GFS/I)

None identified at this time.

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

CH2MHILL
Plateau Remediation Company

L.T. Blackford
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August 2012
CHPRC-2012-08, Rev. 0
Contract DE-AC06-08RL14788
Deliverable C.3.1.3.1 - 1

PROJECT SUMMARY

- The Knock-Out Pot (KOP) Operating Campaign continued this month. Multi-Canister Overpacks (MCOs) #2 through #4 were loaded with KOP material, successfully removed from the K West Basin, shipped to the Cold Vacuum Drying Facility (CVDF), vacuum dried, and then shipped to the Canister Storage Building (CSB) for interim storage. The MCOs were shipped from the Basin to CVDF on July 23, August 6, and August 20, respectively. Following vacuum drying, shipped to the CSB on July 26, August 9, and August 23, respectively. The baskets and copper inserts for MCO # 5 (the final KOP MCO) were splashed in the basin on August 13-14, following KOP material was processed and loaded into the inserts, which completed on August 23. MCO #5 was splashed in the Basin on August 21, after which the loading of the baskets with the copper inserts into the MCO. MCO #5 is scheduled to be closed and lifted from the Basin on Sunday, September 9, then shipped to CVDF the following day.
- Project review of key Engineered Container Removal and Transport System (ECRTS) packages were completed early in the period. This included the electrical, retrieval, ventilation, transport, transfer, decant, instruments and controls system packages.
- The ECRTS process system Final Design Review was accelerated and initiated on August 6. All Record Review Comments were due on August 24, with final disposition expected by the end of the calendar month. The plan is to issue the Final Design Report by September 30, which will meet performance measure PM-12-02.2M.1.
- K West Annex construction activities continued. Pot holing for location of utilities identified on the excavation permit and strategic saw cutting on asphalt and concrete locations supporting demolition of the existing road were accomplished early in the period. August began with mechanical excavation of the Annex building foundation footprint. Load out of associated spoils in Environmental Restoration Disposal Facility (ERDF) containers continued with excavation for the Mechanical Room, HEPA Filter Room, and Transfer Bay, with them close to final grade for placement of backfill and footings and ready for concrete pouring in early September. Soil proctor sampling and testing was completed to support backfill and compaction of foundation subgrade that will begin in late August. Excavation of grounding grid and bollards on the west side of the FTS Annex and excavation for utilities and demolition of the drainage “bubbler” also progressed. Hand and mechanical excavation, as well as concrete cutting and removal in support of the new hose chase north of the 105KW building were completed.
- Numerous K West Annex construction related activities associated with defining, assessing, and working to minimize impacts of the change quality requirements for the balance of the Annex structure from QL-3 to QL-2 continued.
- Minor interruptions in K West Annex construction progress occurred during the month. Early in the period, the project uncovered a building perimeter grounding cable during excavation that was not shown on the scan, which required a work package modification. As a result, machine excavation was delayed until the first week of August. A Management Self-Assessment identified an incomplete flow down of requirements for some safety significant components of the K West Annex design. None of the items were ordered and the problem was found in time to avoid an adverse effect on quality. An extent of condition and corrective action plan was developed, with a hold on placement of concrete temporarily in place pending resolution of the finding.
- Preparation continued for the Integrated Process Optimization Demonstration (IPOD) at the Maintenance and Storage Facility (MASF). The sand filter, transfer box, and decant box modifications continued while work began on miscellaneous control panel installations (panels 401 and 202). Control panel ECRT-PNL-101 and simulator panels were received from acquisition verification services (AVS). Work began to set-up for control panel pre-IPOD checkouts. In

addition, efforts commenced to remove and calibrate process instrumentation prior to the start of the IPOD. Personnel also completed EC-230 divider plate testing and began the air-break filter demonstration test.

- The Sludge Databook (HNF-SD-SNF-TI-015 Volume 2, Revision 20) was updated to incorporate the results from validating characterization data for engineered container SCS-CON-210.
- Since no funding is identified to complete the Phase 2 Siting Study in FY 2013, ongoing activities and supporting contracts are being ramped down. A status document will be prepared that will include the results for the Existing Facilities Screening Evaluation, the Utilization Strategy for the selected facilities, and cost - schedule comparative information on potential deployment in existing facilities. The report will not discuss the potential green field options; the primary policy issues that need to be resolved and the plans to resolve them; nor any comparisons between existing, hybrid, or green field concepts. In addition, the formal Decision Support Board planned for January 2013 will not be conducted, nor will there be any contractor recommendation for deployment of Phase 2 treatment and packaging previously planned for April 2013 completion.

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	41	**08/21/12** - Employee was moving water bottles and later reported pain in the groin due to the cumulative lifting. Body part affected: Groin (22862) **08/23/12** - Employee reported a right quadriceps strain from loading boxes of gloves onto a pallet. Body part affected: Quadriceps (22869)
Near-Misses	0	0	N/A

KEY ACCOMPLISHMENTS

- A series of Project Performance Measures were met during the KOP Operating Campaign. PM-12-02.1d.3a, Complete the Loading, Shipment, and Acceptance at CSB of the 2nd KOP MCO, was met on July 27. PM-12-02.1d.3b, Complete the Loading, Shipment, and Acceptance at CSB of the 3rd KOP MCO was met on August 10. PM-12-02.1d.3c, Complete the Loading, Shipment, and Acceptance at CSB of the 4th KOP MCO and with it, PM-12-02.1d.3, Complete the Loading, Shipment, and Acceptance at CSB of each MCO from the 2nd through the next to Last were both met on August 23.

MAJOR ISSUES

- No major issues to report this month.

RISK MANAGEMENT STATUS

Unassigned Risk
Risk Passed
New Risk
Change

Working - No Concerns
Working - Concern
Working - Critical

Increased Confidence
No Change
Decreased Confidence

Risk Title	Risk Strategy/Handling	Assessment		Comments
		Month	Trend	
RL-012/WBS 012				
STP-057: PWC & IWTS IXM Change Out	Physical properties of the KOP material are not expected to result in change out of the PWC & IWTS ion exchange media. 8 Additional IXM on hand to change out as required.	Green	⇧	No issues at this time. IXM change out occurred in June.
STP-030: 100K KOP Systems Operation (CHPRC Risk)	Perform aggressive CM &PM Program for the IWTS, RRS, CLS, and other system to support MCO Loading.	Green	⇔	No issues at this time. Final KOP MCO is on schedule.
STP-007 Competing Priorities	Develop detailed working schedules and institute interface meetings to communicate priorities and progress. Overtime used to mitigate impacts of schedule delay.	Yellow	⇔	No change in trend over past month.
PRC-021A: Workforce Restructuring Caused by Funding Changes	Revise project schedules and work planning documents around workforce restructuring timelines. Work with other contractors to minimize impacts associated with Bump and Roll.	Green	⇔	Based on FY-13 funding projections, CHPRC is initiating a workforce restructuring action.
PRC-029, Unforeseen Facility Condition	Maintain questioning attitude within the workforce to identify unforeseen conditions early. Mobilize task team to respond to issues promptly and obtain priority for document approvals.	Green	⇔	Based on efficiencies achieved during Found Fuel processing, CHPRC believes schedule lost to resolve MCO dryness USQ can be recovered during KOP processing. However, impending workforce restructuring may impact productivity.
STP-ANX-008: Annex Design and Requirements Changes	Maintain rigorous control of design specifications. Streamline approach for addressing contractor submittals and RFI's to acknowledge and minimize design changes. Communicate regularly with stakeholders (DOE, contractors, and CHPRC organizations) regarding impacts and potential changes.	Yellow	⇩	Decreasing confidence. Several change and design requests have been received from the vendor. Project evaluating changes and potential impacts to cost and schedule.

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 (%)
Base	8.0	9.4	7.2	1.4	17.5	2.2	23.7

Numbers are rounded to the nearest $0.1M

CM Schedule Performance (+$1.4M/+17.5%)

The positive variance is due to early completion of KPS activities.

CM Cost Performance (+$2.2M/+23.7%)

The positive Cost Variance is the result of efficiencies with Annex Construction Management resources, efficiencies realized in completing KPS processing of the MCOs, and loading the remaining copper inserts.

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)
Base	321.5	320.1	320.8	(1.4)	-0.4	(0.7)	-0.2	539.3	531.9	7.5

Numbers are rounded to the nearest $0.1M

CTD Schedule Performance (-$1.4M/-0.4%)

Variance is within reporting thresholds.

CTD Cost Performance (-$0.7M/-0.2%)

Variance is within reporting thresholds.

Contract Performance Report Formats are provided in Appendix A.

Estimate at Completion (EAC)

The current EAC change is within reporting thresholds.

FUNDS vs. SPEND FORECAST ($M)

	FY2012		
RL-0012 Spent Nuclear Fuel Stabilization and Disposition	Projected Funding	Spending Forecast	Spend Variance
Base	87.0	84.1	2.9

Numbers are rounded to the nearest $0.1M.

Funds/Variance Analysis

The variance is within reporting thresholds.

Critical Path Schedule

Critical Path Analysis can be provided upon request.

Baseline Change Requests

None during the period.

MILESTONE STATUS

Tri-Party Agreement (TPA) milestones represent significant events in project execution. DOE Enforceable Agreement milestones were established to provide high-level visibility to critical deliverables and specific status on the accomplishment of these key events. The PMB Revision 3, implemented in November 2011, and subsequent approved BCRs define CHPRC planning with respect to TPA milestones.

Number	Title	Type	Due Date	Actual Date	Forecast Date	Status/ Comment
DNFSB 120W	Complete Sludge Treatment	DNFSB	11/30/09			A pending Implementation Plan update will address this milestone.
M-016-172	Complete KOP Material Removal from 105-KW Fuel Storage Basin	TPA	9/30/12		9/30/12	Project is progressing.

SELF-PERFORMED WORK

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

GOVERNMENT FURNISHED SERVICES AND INFORMATION (GFS/I)

None currently identified.

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

CH2MHILL
Plateau Remediation Company

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August 2012
CHPRC-2012-08, Rev. 0
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Deliverable C.3.1.3.1 - 1

PROJECT SUMMARY

American Recovery and Reinvestment Act (ARRA)

- All ARRA scope is complete. Work was completed within budget, on schedule, including contingent scope beyond the Key Performance Parameter (KPP). Final closeout will occur in September 2012.

Base

- The W&FMP continued maintaining facilities in a safe and compliant condition. Waste Receiving and Processing Facility (WRAP) is revising Lay-Up Transition and Maintenance Plan to document lay-up activities in a phased approach. Revised lay-up plan is expected to be released week of August 27; completion of all work by the end September. T Plant completed the one-year A-Frame and Chain Fall lifting device inspections. Central Waste Complex (CWC) and Low Level Burial Ground (LLBG) received six standard waste boxes (SWBs) and five drums of Transuranic Mixed Waste (TRUM) from WRAP. Liquid Effluent Facilities (LEF) received 68 tankers (calendar year [CY] 288k gallons). Liquid Effluent Retention Facility (LERF) Basin 43 received 149k gallons of ERDF leachate (CY 2.0M). Canister Storage Building (CSB) completed annual Multi-Canister Overpack (MCO) Handling Machine (MHM) Grapple Inspections. Waste Encapsulation and Storage Facility (WESF) completed identification of capsules (15 of 15 racks).

EMS Objectives and Target Status

Objective #	Objective	Target	Due Date	Status
12-EMS-WFM-OB1-T1	Reduce the generation and/or toxicity of waste at the source by using biological spill treatment.	Evaluate biological spill treatment/cleanup products available to address petroleum based spills and identify opportunities for use within the W&FMP based on FY2012 work scope.	9/30/2012	Complete

TARGET ZERO PERFORMANCE

	CM Quantity	Rolling 12 Month	Comment
Days Away, Restricted or Transferred	0	0	N/A
Total Recordable Injuries	0	3	N/A
First Aid Cases	1	29	**8/23/2012** - Employee reported pain while stepping out of government vehicle. Body part affected: Knee (22866)
Near Misses	0	1	N/A

KEY ACCOMPLISHMENTS

ARRA

Lay-Up Activities

- ARRA scope is complete.

Base

13.01 Project Management

- Continued Project Management support for high priority projects.
- Continued work on the FY2013 Performance Measurement Baseline (PMB) update.

13.02 Capsule Storage & Disposition

- Completed identification of all capsules (15 of 15 racks)
- Repaired the G Cell Shield Door and returned to service
- Repaired Air Compressor #1 and returned to service
- Changed out the bag and roll filters on the K1-6-1 and K3-6-1 supply fans
- Completed Electrical Preventative Maintenance on the 10-ton crane

13.03 Canister Storage Building (CSB)

- Completed annual Interlock Test for the Multi-Canister Overpack (MCO) Handling Machine (MHM)
- Loaded the fifth cold MCO H-402 into cask and shipped to K Basins
- Continued with Knock-out Pot (KOP) MCO receipts (H-026 and H-027)
- Completed annual Coffing Hoist inspection
- Completed six-month Wire Rope Inspection for the MHM
- Completed annual HEPA filter testing
- Completed four-month MCO gas sample on MCO H-159
- Completed annual Leak Check of the Sample Line
- Completed annual Interim Storage Container (ISC) inspections

13.07 WRAP

- Revise WRAP Lay-Up Transition and Maintenance Plan to document lay-up activities in a Phased approach
  - Revised lay-up plan expected to be released week of August 27; with completion of Phase 1 by the end of August and Phase 2 completion by the end of September
- Completed the down posting of the process area from Contamination Area (CA) to Radiation Area/Radioactive Material Area (RA/RMA)
- Completed removal of air sample rotometers from process area and completed close out calibrations
- Relocated all waste drums from 2336W to 2404WC
- Completed removal of nine out of eleven continuous air monitor (CAMs) from process area (two remain)
- Completed blocking and bracing of glove box lift tables
- Completed activities to take both Personnel Contamination Monitors (PCM's) out of service
- Completed final baseline measurements of gloveboxes

- Completed down posting the Shipping/Receiving Bay in 2336W from an RA/RMA to a non-radioactive area
- Completed six Technical Safety Requirement (TSR) surveillances
- Completed 25 Preventative Maintenance (PM) packages
- Completed 197 Radiological (Rad) Surveillances
- Completed 198 Operational Surveillances
- Shipped six Standard Waste Boxes (SWBs) and five drums of Transuranic Mixed (TRU/M) waste verifications were transferred to Central Waste Complex (CWC) for storage

13.08 T-Plant

- Completed the one year A-Frame and Chain Fall lifting device inspections
- Completed Technical Safety Requirement (TSR) quarterly combustible surveillance
- Completed the 2706T TSR annual maintenance to calibrate differential pressure indicator, transmitter and verification of alarms
- The 2706-T pad (waste storage area) was down posted from an RMA/RA to a non-rad area for 95% of the area, reducing the surface area of radiological surveillances required
- Completed repair of Tank 11R level indicating monitoring system
- Moved last remaining drum under the 243-T covered storage pad and down posted from a RMA/RA to a non-rad area eliminating the need for radiological surveillances
- Transferred approximately 2,000 gallons of drain and condensate water from 271T Sump, 221T Tank 15 and 225WA Sump to Treated Effluent Disposal Facility (TEDF)
- Completed the re-painting/fixing of Fixed Contamination Areas throughout the facility (those showing signs of peeling)
- Completed five TSR Surveillances
- Completed 19 PM packages
- Completed 324 Rad Surveillances
- Completed 230 Operational Surveillances
- Shipped one Universal Waste Drum to the Centralized Consolidation/Recycling Center
- An electrical panel routinely accessed by non-qualified NFPA70E personnel contains exposed electrical shock hazards; work was stopped, notifications were made and a critique was held

13.09 Central Waste Complex (CWC)

- Completed 4B spill area cleanup and painting activities
- Completed air compressor installation in 2403 building riser rooms
- Successfully conducted full-up emergency preparedness drill at CWC; Drill event was evaluated by CHPRC & RL as part of their Triennial Assessment
- Completed box cover activities for 13 waste boxes (25 of 25 scheduled for FY2012 completed)
- Completed six TSR Surveillances
- Completed 15 PM packages
- Completed 254 Rad Surveillances
- Completed 79 Operational Surveillances
- Shipped six standard waste boxes (SWBs) and five drums of TRU/M waste verifications received from WRAP

- Shipped 11 SWBs, one Standard Large Box 2 (SLB2) and 29 drums of TRU/M received from the Plutonium Finishing Plant (PFP)
- Shipped five SWBs of TRU/M received from Perma-Fix NorthWest (PFNW) (PFP gloveboxes)
- Navy Reactor Compartment Shipments
  - Completed pre-shipment walk through/drive through with Navy personnel
  - Restored power from dis-connects to MO-110 at Trench 94

13.11 Liquid Effluent Facilities (LEF)

- Received 68 tankers (calendar year [CY] 288k gallons)
- Treated effluent to State-Approved Land Disposal Site: No change (CY 9.46M)
- 200A Treated Effluent Disposal Facility (TEDF) discharged 1.92M gallons (CY 13.66M)
- Received Environmental Restoration Disposal Facility (ERDF) leachate (149k gallons) at Liquid Effluent Retention Facility (LERF) Basin 43 (2.0M CY) and (0.2M CY to Basin 44)
- Continued operating the 310 Retention Transfer System (RTS): CY 98k gallons
- Performed recirculation of Basin 44 through SURGE when Main Treatment Train (MTT) paused during Basin 44 campaign
- Continued Effluent Treatment Facility (ETF) Processing on Basin 44 (2.4 Million gallons)
- Completed receiving Mixed Waste Trench Leachate tankers
- Continued receiving purged water tankers from BP-5
- LERF Basin Activities
  - Supported MSA on wildlife mitigation activities
  - Continued surveys and down posting activities around Basin 44
  - Performed vegetation and insect treatment
  - Continued planning to support vegetation, water and soil removal from Basin 44
- Maintenance activities:
  - Continued with repairs to Verification Tank A
  - Repaired air operating valve (AOV-60J-274) on Thin Film Dryer (TFD) distillate drain
  - Completed annual Vessel Off Gas (VOG) High-Efficiency Particulate Air (HEPA) filter testing
  - Completed five year Valve Vault and 342 building roof inspection
  - Completed inspection of TFD rotor assembly
  - Repaired the service air downcomer
  - Replaced Cooling Water Pump (95C-P-1)
  - Repaired Degasification Level Control Valve (LCV-60E-012)

13.12 Integrated Disposal Facility

- Completed 23 Operational Surveillances

13.16 Off Site Spent Nuclear Fuel Disposition

- Maintained coordination for offsite Spent Nuclear Fuel Disposition.

13.21 Mixed Waste Disposal Trenches

- Maintained the facility in a safe and compliant condition.
- Completed 25 Radiological and five operational surveillances.

- Completed one TSR Surveillance.

MAJOR ISSUES

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

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

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

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-013/WBS 013				
WSD-018: CSB Major Equipment Failure	Risk accepted without mitigation. Continue to maintain equipment in accordance with baseline PM/CM schedule.	Green	↑	Risk is very unlikely.
WSD-019: Commercial Capability	MLLW treatment capacity/capability does not meet Hanford needs or treatment does not occur as scheduled.	Yellow	↓	Forecasted volumes may not allow commercial capability to remain viable. Working with vendor(s) to understand impacts.
WSD-025: Unexpected Waste Volumes/Characteristics	Work with generators to update forecasting data monthly/quarterly/semi-annually.	Green	↔	Waste volumes to ERDF significantly lower due to suspension of cleanup activities, However, as capability/capacity has been adjusted to align with projections peak transportation needs are problematic.
WSD-043: Orphan Wastes	Obtain regulatory relief for "No Path Forward" wastes.	Green	↔	Issued "No Path Forward" waste and German log alternatives analysis. Annual update of M-91 PMP will document current status.
WSD-125: Three-Year Pause in Waste Processing Results in Unexpected Container Integrity Issues	Perform weekly waste container surveillances and overpack as required. Perform overpack or covering as required to mitigate condition. Schedule repackaging at appropriate facility.	Yellow	↔	Unplanned repackaging activities are nearing completion at WRAP. Legacy containers in expansion area are requiring additional resources. The Long-Term Box Storage is not in the contract Statement of Work, and will be addressed as part of the contract alignment process.
WSD-120: WESF Major System/Equipment Failure	Continue with the current maintenance program and aggressive PM and CM program.	Green	↔	No significant maintenance issues this month at WESF.
WSD-132: Aging Building/Systems/Components	Perform critical system reliability assessments, continue with PM/CM program, and procure critical spares.	Yellow	↓	Continue CM activities for equipment at ETF and 400 Area.
WSD-133: Results of External Audits/Assessments Impact Operations	Conduct operations in accordance with current approved procedures and processes. CHPRC and RL conduct routine assessments to assess conduct of operations and maintenance activities. Work with oversight groups to understand regulatory basis for interpretations.	Yellow	↔	On-Schedule with completion of the WESF Corrective Action Plan developed in response to the DNFSB audit from June 2011. No change in trend.
PRC-021A: Workforce Restructuring Caused by Funding Changes	Revise project schedules and work planning documents around workforce restructuring timelines. Work with other contractors to minimize impacts associated with Bump and Roll.	Green	↓	Based on FY2013 funding projections, CHPRC is initiating a workforce restructuring action with interface management between other contractors to identify potential bump and roll impacts to the project.
PRC-007: ERDF WAC Revised	Provide budget for waste treatment and disposal to ERDF. Package and deliver waste in accordance with ERDF waste profiles. Waste profiles are assumed to be compliant with ERDF WAC	Green	↔	CHPRC waste generation process and practices provided funding to WCH to perform in-trench macro encapsulation. EPA may request WCH halt in-cell macro encapsulation waste treatment activities. CHPRC is working with WCH to evaluate the planned waste expected to be macro encapsulated at ERDF within the next 12 months.
WSD-121: LERF Cover Fails	Perform inspection and radiological surveys to evaluate if LERF covers are degrading.	Green	↓	Biological contamination has been detected and may be associated with LERF Basin 44. This represents a trigger condition where this risk may be realized. Continue to sample and monitor area.

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 (%)
MLLW Treatment	(1.4)	(1.4)	(1.6)	0.0	0.0%	0.2	-11.3%
TRU Waste	(1.1)	(1.1)	(1.5)	0.0	0.0%	2.1	-35.8%
TRU Wst Facil Trans MinSafe	0.0	0.0	(0.0)	0.0	0.0%	(0.0)	0.0%
ARRA Total	**0.0**	**0.0**	**(0.1)**	**0.0**	**0.0%**	**0.1**	**-23.3%**
Base	10.5	10.4	9.9	(0.1)	-0.6%	0.5	4.7%
Total	**8.0**	**7.9**	**6.8**	**(0.1)**	**-0.8%**	**1.1**	**13.5%**

Numbers are rounded to the nearest $0.1M

ARRA

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

No variance – work scope is complete.

CM Cost Performance (+$0.6M/-23.3%)

Work scope is complete. BCR was processed to transfer scope and associated cost from ARRA to Base to accommodate ARRA closeout.

Base

CM Schedule Performance (-$0.1M/-0.6%)

The unfavorable current period schedule variance is within threshold.

CM Cost Performance (+$0.5M/+4.7%)

The favorable current period cost variance is within threshold.

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 (%)
MLLW Treatment	46.3	46.3	41.1	(0.0)	-0.0%	5.2	11.2%
TRU Waste	254.2	254.2	251.8	(0.0)	-0.0%	2.5	1.0%
TRU Wst Facil Tran MinSafe	1.5	1.5	1.5	0.0	0.0%	0.0	0.2%
ARRA Total	**302.0**	**302.0**	**294.4**	**(0.0)**	**-0.0%**	**7.7**	**2.5%**
Base	391.4	391.1	392.9	(0.3)	-0.1%	(1.8)	-0.5%
Total	**693.4**	**693.1**	**687.3**	**(0.3)**	**-0.0%**	**5.9**	**0.8%**
Numbers are rounded to the nearest $0.1M							

ARRA

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

No variance – work scope is complete.

CTD Cost Performance (+$7.7M/+2.5%)

The positive CTD cost variance is within reporting thresholds.

Base

CTD Schedule Performance (-$0.3M/-0.1%)

The negative CTD schedule variance is within threshold.

CTD Cost Performance (-$1.8M/-0.5%)

The unfavorable CTD cost variance is within reporting thresholds.

Contract Performance Report Formats are provided in Appendix A and Appendix A-1.

Estimate at Completion (EAC)

The BAC and EAC include FY2009 through FY2018.

The changes in EAC from July to August, for both ARRA and Base, are within reporting thresholds.

FUNDS vs. SPEND FORECAST ($M)

WBS 013/RL-0013 Waste and Fuels Management Project	FY2012 Projected Funding	FY2012 Spending Forecast	FY2012 Spend Variance
ARRA	4.6	4.6	0.0
Base	84.2	82.6	1.6
RL-0013 Total	**88.8**	**87.2**	**1.6**

Numbers are rounded to the nearest $0.1M.

Funds/Variance Analysis

Funding includes FY2011 carryover and FY2012 new Budget Authority.

Critical Path Schedule

Critical path analysis can be provided upon request.

Baseline Change Requests

BCR-013-12-004R0 – *Defer T Plant Operations Ramp Up*

BCR-013-12-005R0 – *Transfer Contingent ARRA Scope to Base*

MILESTONE STATUS

Tri-Party Agreement (TPA) milestones represent significant events in project execution. DOE Enforceable Agreement milestones were established to provide high-level visibility to critical deliverables and specific status on the accomplishment of these key events. The PMB Revision 3, implemented in November 2011, and subsequent approved BCRs define CHPRC planning with respect to TPA milestones. TPA Milestones are currently being renegotiated between the Parties to align milestone workscope with anticipated FY2013 funding scenarios and Hanford site priorities.

Number	Title	Type	Due Date	Actual Date	Forecast Date	Status/ Comment
M-091-40U-T01	Retrieve a minimum of 250 cubic meters of CH RSW in FY 2012	TPA	9/30/12			To be missed. Activity currently not funded. DOE-RL Ltr 12-AMRP-0142 dated 8/30/12, notifies Ecology milestone will not be met.
M-091-46B-T01	Certify 300 cubic meters of small container CH TRUM waste	TPA	9/30/12			To be missed. Activity currently not funded. DOE-RL Ltr 12-AMRP-0142 dated 8/30/12, notifies Ecology milestone will not be met.
M-016-93B	Submit Implementation Workplan To Prepare TRU/TRUM Waste	TPA	12/31/12			On schedule
M-091-44P	Designate all RH TRUM Waste & Lrg Containers of CH TRUM Waste	TPA	12/31/12			On schedule
M-091-44Z-003	Annual PMM or Qtrly Notification of Cert of CH/RH TRUM	TPA	12/31/12			On schedule

SELF-PERFORMED WORK

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

GOVERNMENT FURNISHED SERVICES AND INFORMATION (GFS/I)

Contract Section	Project	GFS/I	Status
CONTRACT			
J.12/C.2.3.6	PBS-13, Transuranic Waste Certification	WIPP provides shipping resources and manages the schedule for transportation of these containers to WIPP. The schedule is variable and the number of shipments is controlled by DOE-HQ on a complex-wide priority. Cost for shipment of TRU waste offsite is borne by the CBFO.	Ongoing (pending restart of WIPP Shipments)

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

CH2MHILL
Plateau Remediation Company

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

M. N. Jaraysi
Vice President for
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and Strategic Planning

K. A. Dorr
Vice President for
Engineering, Projects
and Construction

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

PROJECT SUMMARY

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

- Collected 569 samples, resulting in 2,245 analyses.
- 23.3M gallons groundwater treated by KX treatment facility
- 8.9M gallons groundwater treated by KW treatment facility
- 12.6M gallons groundwater treated by KR-4 treatment facility
- 34.3M gallons groundwater treated by HX treatment facility
- 24.8M gallons groundwater treated by DX treatment facility
- 6.4M gallon groundwater treated by 200W treatment facility
- 110.3M gallons of groundwater treated total

EMS Objectives and Target Status

Objective#	Objective	Target	Due Date	Status
12-EMS-SGWR-OB1-T1	Reduce the release of toxic and/or hazardous material	Treat 1 billion gallons of groundwater from all Pump & Treat systems during FY2012. This assumes that existing P&T facilities continue to operate at or near current production /through put levels.	9/30/12	Complete as of August 6, 2012
		Review and tally total number of gallons treated	Monthly	1,095M Gallons through 8/31/12

TARGET ZERO PERFORMANCE

	CM Quantity	Rolling 12 Month	Comment
Days Away, Restricted or Transferred	0	0	N/A
Total Recordable Injuries	0	1	N/A
First Aid Cases	4	33	**8/1/2012 –** Employee experienced irritation in his left eye while wearing safety glasses. No foreign body was found. **(22844)** S&GRP **8/6/2012 –** While surveying GAC containers and boundary, worker inadvertently brushed against one of the "T" posts scratching his left forearm. **(22847)** S&GRP **8/8/2012** – While performing work outdoors employee indicated feeling nauseous and began drinking water and proceeded to cool day. Employee taken to CSC for evaluation. **(22855)** S&GRP **8/9/2012** – Employee was stung by a bee. **(22859)** S&GRP
Near-Misses	0	1	N/A

KEY ACCOMPLISHMENTS

Base - RL-0030.01 RL 30 Operations

Strategic Integration

- PRGs – Reversed Ecology recommendation to use MTCA ecological lookup values in RI/FS ecological risk assessments, validating the CHPRC technical approach. There will be revisions to supporting technical materials and to the RI/FS report. In addition, a streamlined approach for incorporating irrigation PRGs into existing documentation was developed that resulted in minor changes to Proposed Plans and none to RI/FS documents.
- Developed a method to identify Institutional Controls (IC) programmatic costs and apportion those costs to ROD areas. This is to ensure the IC costs are properly accounted for. The MSA Long Term Stewardship Program provided technical support to this effort. The Environmental Calculation File (ECF) is in the review/approval cycle.
- Remediation Optimization Study – Work is progressing on incorporation of RL comments. On schedule to meet September 30, 2012 commitment date.

Technical Integration

- Procurement of the TELLUS cluster to replace RANSAC is underway and is on schedule for completion in FY2012. Procurement and installation costs have been reduced from $200K to an estimated $80K by procuring “slightly-used” hardware from MSA. Annual maintenance costs with LMIT are now estimated to be slightly less than the $55K per year for RANSAC maintenance at PNNL.

River Corridor

300-FF-5 Operable Unit

- Most of EPA's comments on the Draft Rev. 0 Proposed Plan were resolved during August during a series of meetings. Several policy issues arose that are being addressed by senior management.

100-BC Operable Unit

- Delivered decisional draft of RI/FS report to RL on August 23, 2012.

100-HR-3 Operable Unit

- Delivered decisional draft of RI/FS report to RL on August 16, 2012

Central Plateau

200-UP-1 Operable Unit

- The public review of the Proposed Plan started on July 17, 2012 and was completed on August 16, 2012. EPA provided a draft Responsiveness Summary to the comments on August 31, 2012 for EPA legal and RL review.
- An initial draft ROD prepared by EPA is under EPA Legal/RL review. CHPRC provided input on the draft ROD in redline form to DOE on August 30, 2012.
- TPA Milestone M-016-120 (August 31, 2012) was met on August 13, 2012 with the initiation of pumping and treatment of S-SX groundwater. A milestone completion letter was sent to RL on August 22, 2012.
- DOE and EPA concurred with stopping the quarterly (1,000 gal) purging of monitoring well 299-W23-19 located within the SX Tank Farm. The RD/RAWP states that the "purging of well 299-W23-19 will continue until replacement by WMA S-SX Pump-and-Treat Operations," which is now operating.

200 West Pump and Treat

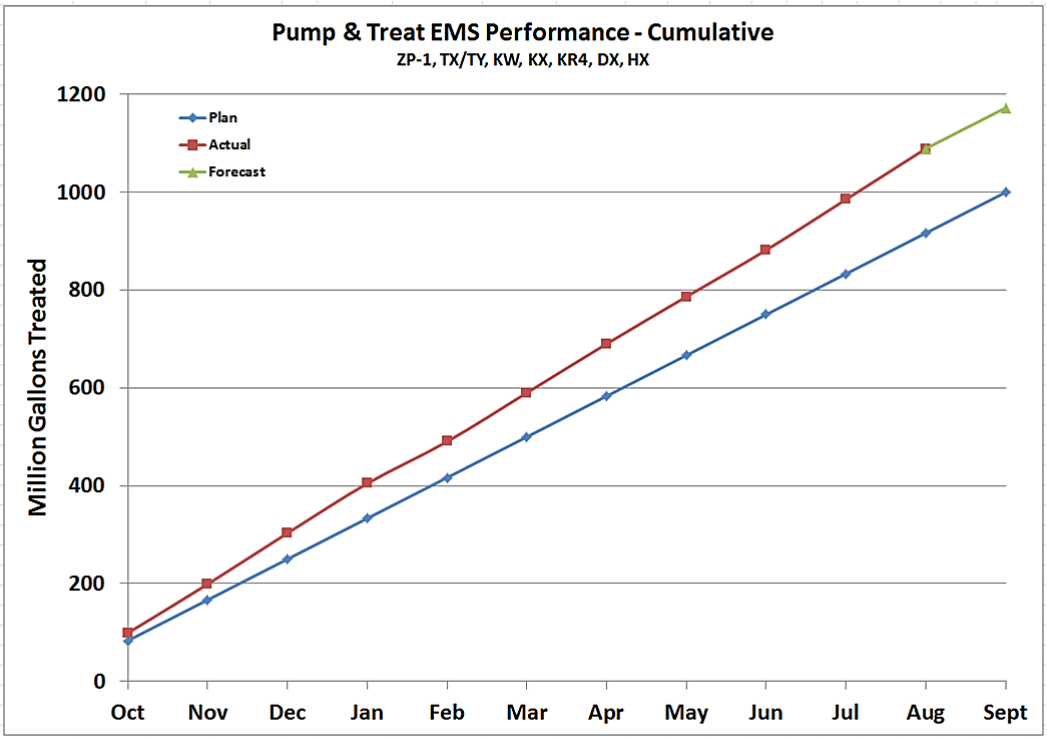
- The 200 West P&T system operated during daylight hours between 900 gpm and 1,150 gpm for 17 days out of the month of August. During down times, maintenance and repair work was performed on the plant.
- Both fluidized bed reactors are now online.
- The radiological treatment building is also online removing Tc-99 from selected wells near TX-TY and T Tank Farms as well as from the vicinity of the S-SX Tank Farm.
- Analytical testing has shown that the plant is successfully reducing the concentration of contaminates to well below cleanup levels specified in the Record of Decision.

200-DV-1 Operable Unit

- The B Area perched water removal system continues to operate at a rate of approximately 2,000 gallons per week. By the end of August 2012, a total of 59,865 gallons of effluent contaminated water have been removed from the perched water zone this fiscal year. To date, total contaminants removed are:
  - 13.39 Kilograms of Uranium
  - 7.05 µCi Tc-99
  - 133.29 Kilograms of Nitrates

Pump and Treat Operations

P&T Operations exceeded one billion gallons of treated contaminated groundwater in August 2012.



MAJOR ISSUES

Issue - The number of comments on CERCLA documents and the need for policy and technical decisions is impacting contractual delivery due dates and decreasing float on major TPA Milestone M-015-00D "DOE shall complete the RI/FS process through the submittal of a Proposed Plan for all 100 and 300 Area operable units". Working with the customer to resolve comments on "Ecological PRGs" used in the River Corridor RI/FS documents. Ecology has taken the position that they may want to default to the MTCA Terrestrial Ecological Evaluation, Table 749-3 values from the Tier 1 and 2 values used in the documents. A change such as this would have significant impact on the RI/FS documents.

Corrective Action –

- Develop materials to support technical discussions with Ecology
- DOE to schedule a technical meeting with Ecology staff and management.

Status – Met with Ecology on September 4, 2012 where the CHPRC technical approach was validated with minor revisions to the RI/FS documents and supporting materials.

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	Routine meetings to remain current on influences from regulators, and provide technical justification for proposed path forward.	Yellow	↓	Working with the customer on recent issues with "Irrigation Based PRGs" and "Ecological PRGs" used in the River Corridor RI/FS documents. The proposed change would have significant impact on the River Corridor RI/FS and PP documents. Assisted customer in development of a white paper for discussion with the regulators. Path forward for implementing Irrigation Based PRGs is being negotiated between the Tri Parties.
SGW-062: WSCF Availability or Performance	Develop workarounds to prepare samples for off-site analysis, evaluate hold-times and collect additional samples for Quality Control failures (hold-times)	Yellow	↔	Due to the issues at WSCF thousands of samples had to be sent to offsite labs for analysis. Due to the requirements of repackaging and shipping these samples offsite, additional costs have been incurred. Costs have increased due to the overtime required to recover schedule.
SGW-080: 100-BC-5 Pump and Treat Required	This risk is accepted as written and will be monitored throughout work execution. CHPRC will implement the final action under the ROD; however, the actions may require a Request for Proposal (RFP)	Yellow	↔	EPA concurred that need for pump and treat will be evaluated as part of RI/FS process. The draft feasibility study indicate a treatment system may be required as part of a final action under the future Record of Decision. Current alternative discussions indicate that treatment is highly likely.
SGW-081: 100-FR-3 Pump and Treat Required	This risk is accepted as written and will be monitored throughout work execution. CHPRC will implement the final action under the ROD; however, the actions may require a RFP	Yellow	↔	EPA concurred that need for pump and treat will be evaluated as part of RI/FS process. The draft feasibility study is evaluating P&T as viable in two alternatives. Current alternative discussions indicate that treatment is highly likely as a preferred alternative.
PRC-021A: Workforce Restructuring Caused by Funding Changes	Revise project schedules and work planning documents around workforce restructuring timelines. Work with other contractors to minimize impacts associated with Bump and Roll.	Green	↔	Based on FY2013 funding projections, CHPRC is initiating a workforce restructuring action.
SGW-017: Groundwater Flow Less Than Planned -200 West P&T	Well installation was accelerated to provide more definitive basis for well production rates. Since it was determined that additional wells would be required to meet 2000 gpm, resources have already been utilized to update the test plan and perform associated construction activities (e.g. installation of well racks, tie-in of wells, lay HDPE). If performance of facility is unacceptable during testing or startup of operations, new wells may be required to meet ROD requirements. Interim injection wells are being hooked up at this time for additional injection capacity.	Yellow	↔	Connection of 5 injection wells is anticipated to mitigate this risk.
SGW-083, River Corridor Characterization	Additional characterization wells are required to support the development of an RI/FS and Proposed Plan for the River Corridor groundwater operable units or to investigate findings from WCH data gathering.	Yellow	↔	WCH is gathering data in and along the river. This data could result in the need to install additional characterization wells in the River Corridor operable units. Information and conclusions from WCH risk assessments is raising questions regarding the Riparian Zone and Columbia River component human health risk assessment.

Risk Title	Risk Strategy/Handling	Assessment		Comments
		Month	Trend	
RL-030/WBS 030				
SGW-092: 200 West P&T Operating Requirements	As preventative maintenance packages proceed through the development process, staffing levels will be evaluated to ensure continuous P&T operation.			As preventative maintenance packages proceed through the development process, staffing levels will be evaluated to ensure the P&T facility achieves continuous operation.
SGW-135: Major Equipment Failure at 200W Pump & Treat	Utilize aggressive Corrective Maintenance program to ensure that staff is trained on new equipment. Perform design modifications/procedure revisions to accommodate unexpected conditions. Continue to work corrective maintenance issues as identified during acceptance testing.			Continuing to resolve outstanding issues identified associated with construction risks. Continuing OTP and will continue to evaluate Spare Parts and maintenance program.
SGW-153: 200W P&T Contract Closeout Claims	Continue to negotiate with subcontractors to minimize the financial impact.			Continuing to work project closeout with the General Contractor and their subcontractors

PROJECT BASELINE PERFORMANCE
Current Month
($M)

WBS 030/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 (%)
Base RL-0030.C1 GW Remedy Implement	0.2	0.2	2.1	0.0	1.0	(1.9)	-1,008.5
ARRA RL-0030.R1.1 Cleanup Operations	0.0	0.0	(0.0)	0.0	0.0	0.0	0.0
ARRA RL-0030.R1.2 Well Drilling Operations	0.0	0.0	0.0	0.0	0.0	(0.0)	0.0
Subtotal RL-0030.C	**0.2**	**0.2**	**2.1**	**0.0**	**1.0**	**(1.9)**	**-988.1**
Base RL-0030.O1 RL 30 (Operations)	9.9	9.2	7.7	(0.7)	-7.0	1.5	16.7
ARRA RL-0030.R1.3 Support Operations	0.0	0.0	0.0	0.0	0.0	(0.0)	0.0
Total	**10.1**	**9.4**	**9.8**	**(0.7)**	**-6.8**	**0.3**	**-3.6**

Numbers are rounded to the nearest $0.1M.

CM Schedule Performance

Current month schedule variances that exceed thresholds are as follows:

RL-0030.C ($0.0M/+1.0%)

Base RL-0030.C1 GW Remedy Implementation ($0.0M)

There is no current month schedule variance.

ARRA RL-0030.R1.1 Cleanup Operations ($0.0M)

There is no current month schedule variance.

ARRA RL-0030.R1.2 Well Drilling Operations ($0.0M)

There is no current month schedule variance.

RL-0030.O1

Base RL-0030.O1 RL 30 (Operations) (-$0.7M)

100-KR-4 Operable Unit (-$0.6M)

The current month schedule variance is the result of implementation of SIR-700 resin in the P&T earlier

than planned. The work was planned for July through September but was completed earlier. Year to date and contract to date performance remains ahead of schedule.

RL-0030.R1.3

ARRA RL-0030.R1.3 Support Operations (+$0.0M)

There is no current month schedule variance.

CM Cost Performance

Current month cost variances that exceed thresholds are as follows:

RL-0030.C (-$1.9M/-988.1%)

Base RL-0030.C1 GW Remedy Implementation (-$1.9M)

200-ZP-1 (-$1.9M)

The current month negative cost variance is due to costs with punchlist items and contract closeout costs.

ARRA RL-0030.R1.1 Cleanup Operations ($0.0M)

All current month variances are within reporting thresholds.

ARRA RL-0030.R1.2 Well Drilling Operations ($0.0M)

All current month variances are within reporting thresholds.

RL-0030.O1

Base RL-0030.O1 RL 30 (Operations) (+$1.5M/+16.7%)

GW Monitoring and Perf Assessments (-$0.3M)

The current month cost overrun is a result of an approximate 25% increase in WSCF rates from what was planned in the baseline. It is anticipated that the WSCF lab costs will exceed the annual budget in this WBS but will be within overall S&GW WSCF budget for the fiscal year.

100-KR-4 (+$0.3M)

The favorable cost variance is due to savings realized in labor, subcontract, and material cost as a result of SIR 700 resin. Costs were reduced due to not having to process Dowex resin (sampling, labor cost, shipping, and regeneration cost). Labor costs were also reduced by managing the labor pool and loaning labor to other projects when possible. A small positive cost variance at completion is expected.

200-ZP-1 (+$0.6M)

The current month cost variance is a result of the delay in turning over the 200W Pump & Treat Facility to operations. The preventive/corrective maintenance and process monitoring accounts did not experience the level of demand resulting in a current month underrun. The baseline schedule assumed full plant operations resulting in lower costs than planned. The underrun is expected to decrease as full plant operations proceed.

RL-0030.R1.3

ARRA RL-0030.R1.3 Support Operations ($0.0M)

All current month variances are within reporting thresholds.

Contract-to-Date ($M)

WBS 030/ 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)
Base RL-0030.C1 GW Remedy Implement	73.2	73.2	82.7	0.0	0.0	(9.5)	-13.0	73.4	85.1	(11.8)
ARRA RL-0030.R1.1 Cleanup Operations	175.0	175.0	174.8	0.0	0.0	0.2	0.1	175.0	174.8	0.2
ARRA RL-0030.R1.2 Well Drilling Operations	40.7	40.7	38.4	0.0	0.0	2.4	5.8	40.7	38.4	2.4
Subtotal RL-0030.C	**288.9**	**288.9**	**295.9**	**0.0**	**0.0**	**(6.9)**	**-2.4**	**289.1**	**298.3**	**(9.2)**
Base RL-0030.O1 RL 30 (Operations)	455.6	457.1	453.0	1.5	0.3	4.1	0.9	1,158.8	1,149.6	9.2
ARRA RL-0030.R1.3 Support Operations	51.4	51.4	51.1	(0.0)	-0.0	0.3	0.5	51.4	51.1	0.3
Total	**796.0**	**797.5**	**800.1**	**1.5**	**0.2**	**(2.6)**	**-0.3**	**1,499.4**	**1,499.1**	**0.2**

Numbers are rounded to the nearest $0.1M.

CTD Schedule Performance

The primary contributors to the schedule variances that exceed the reporting thresholds are discussed below:

RL-0030.C (+$0.0M/+0.0%)

Base RL-0030.C1 GW Remedy Implementation (+$0.0M)

All CTD variances are within reporting thresholds.

ARRA RL-0030.R1.1 Cleanup Operations (+$0.0M)

Scope is complete. There is no contract to date schedule variance.

ARRA RL-0030.R1.2 Well Drilling Operations (+$0.0M)

Scope is complete. There is no contract to date schedule variance.

RL-0030.O1

Base RL-0030.O1 RL 30 (Operations) (+$1.5M/+0.3%)

100 NR-2 Operable Unit (+$2.5M)

Positive schedule variance has resulted from performing barrier expansion and sampling support that was planned in FY2013 and performed in FY2011 and FY2012.

RL-0030.R1.3

ARRA RL-0030.R1.3 Support Operations (-$0.0M)

Scope is complete. There is no contract to date schedule variance.

CTD Cost Performance

The primary contributors to the cost variances that exceed the reporting thresholds are discussed below:

RL-0030.C (-$6.9M/-2.4%)

Base RL-0030.C1 GW Remedy Implementation (-$9.5M)

200-ZP-1 Operable Unit (-$9.5M)

Major contributors to the variance are as follows:

- 200W P&T construction negative CV is associated with the CHPRC accrued costs for Construction Contractor's completed work scope defined in Change Notifications which are in the process of definitization. The costs are associated with the resources expended to complete the P&T facility by the end of FY2012 including added shifts, overtime, and logistics of working parallel activities.
- Sludge Stabilization System installation cost more than budgeted. There were significant delays in long lead equipment, field installation issues, design changes and schedule extensions that resulted in cost overruns.
- 200W P&T project support, engineering and field supervision costs increased due to the longer than expected schedule to complete construction punchlist and the impacts on ATP activities.
- Interim Operations reflects significant progress and cost underruns achieved to date for System Calibration.
- Design of the permanent hookup of well EW-1 was lower than planned as only minor changes were needed to an existing design.
- Cost for performing general operating and maintenance and minor modification activities have been lower than planned as the system has been running smoothly.
- Cost for collecting depth-discrete groundwater and soil samples during the installation of new wells was less than planned. This was largely due to drilling footage achieved per day, which increased significantly since FY2009, in turn required fewer labor hours.
- 200W P&T Remedial Design/Remedial Action work plan and preliminary design activities were completed with fewer resources than planned. This is due to fewer RL and EPA review comments being received than planned.

ARRA RL-0030.R1.1 Cleanup Operations (+$0.2M)

Contract to Date variances are within threshold.

ARRA RL-0030.R1.2 Well Drilling Operations (+$2.4M)

Drilling (+$2.4M)

The positive cost variance is due to efficiencies and savings obtained in drilling for 100-NR-2 and 200-BP-5 wells. Cost efficiencies have been obtained through an aggressive drilling schedule with savings in support personnel and faster drilling methods. Well decommissioning has also been completed for less than planned.

RL-0030.O1

Base RL-0030.O1 RL 30 (Operations) (+$4.1M/+0.9%)

Integration & Assessments (+$5.0M)

Due to higher priority River Corridor work, Central Plateau decision documents and related strategy development have been delayed from the initial schedule in the CHPRC contract (originally CP decisions were to be completed in FY2012 and now they are out beyond FY2014).

Drilling (-$2.3M)

Radiological contamination encountered on five NR-2 wells has caused additional supporting resource requirements (Health Physics Technicians). In order to recover schedule additional well drilling rigs were used, resulting in additional overruns to the project. Also, cost for remaining casing at the completion of the project was accrued as it cannot be released to the contractor.

100-NR-2 OU (+$2.9M)

Barrier expansion and sampling scope, chemical treatment and maintenance scope, jet grouting pilot test work, RI/FS work plan and interim proposed plan reporting were performed more efficiently than planned leading to the positive cost variance.

200-ZP-1 OU (+$2.9M)

Labor and subcontract cost for general operations and minor modifications support for 200-ZP-1 interim pump & treat facility is significantly less than planned. The system is running very smoothly with less adjustment than had been anticipated. Efficiencies are expected to continue with the interim facility operations until startup of the new 200 West Pump & Treat facility.

200 PW-1 OU (+$1.4M)

Labor and subcontract cost for general operations and minor modifications support is less than planned. In addition, efficiencies and savings experienced with the Soil Vapor Extraction (SVE) system testing prior to March 2010 as well as the removal of two old SVE units.

Ramp-up and Transition (-$2.8M)

The negative cost variance was driven by prior year increased Project Services Distribution to RL-0030.

RL-0030.R1.3

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

Regulatory Decision and Closure Integration (+$1.7M)

The positive cost variance is primarily due to completing work scope more efficiently than planned, primarily in the areas of multi-incremental sampling (using existing documentation and direct haul rather than staging), and borehole drilling and landfill characterization (competitive subcontracting of drilling support and efficient field support).

Ramp-up and Transition (-$2.0M)

The negative cost variance was driven by increased prior year Project Services Distribution to RL-0030.

Estimate at Completion (EAC)

ARRA – The projected variance at completion is +1.1%.

Base – The projected variance at completion of -0.2% is spread among several operational areas and is not considered significant.

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

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

FUNDS vs. SPEND FORECAST ($M)

WBS 030/ RL-0030 Soil and Groundwater Remediation	FY2012 Projected Funding	FY2012 Spending Forecast	FY2012 Spend Variance
ARRA	0.6	0.6	0.0
Base	124.7	124.0	0.6
RL-0030 Total	**125.3**	**124.6**	**0.6**

Numbers are rounded to the nearest $0.1M.

Funds/Variance Analysis

Funding includes FY2011 carryover and FY2012 new Budget Authority.

Critical Path Schedule

Critical path analysis can be provided upon request.

Baseline Change Requests

None currently identified.

FY2012 Management Reserve (Funded):

ARRA = $0.0M

Base = $0.0M

MILESTONE STATUS

Tri-Party Agreement (TPA) milestones represent significant events in project execution. DOE Enforceable Agreement milestones were established to provide high-level visibility to critical deliverables and specific status on the accomplishment of these key events. The PMB Revision 3, implemented in November 2011, and subsequent approved BCRs define CHPRC planning with respect to TPA milestones. The following table is a one year look ahead of commitments and TPA enforceable milestones and non-enforceable target due dates. TPA Milestones are currently being renegotiated between the Parties to align milestone work scope with anticipated FY2013 funding scenarios and Hanford site priorities.

Number	Title	Type	Due Date	Actual Date	Forecast Date	Status/ Comment
M-016-120	GW Treatment System <50 gpm for Tc-99 Plume at S-SX Tank Farm	TPA	8/31/12	8/13/12		Complete. CHPRC-1203434 letter transmitted August 22, 2012
M-016-110-T01	Take Actions to Contain or Remediate Hexavalent Cr 100A GW Plumes	TPA	12/31/12		9/28/12	On schedule Compliance letter being drafted.
M-015-70-T01	Submit RI/FS Report & PP for 100-HR-1/2/3 and 100-DR-1/2 OUs	TPA	1/12/12 (Original Due Date: 11/24/11)		12/14/12	Missed. Working with RL regarding a recovery schedule and path forward.
M-015-68-T01	Submit RI/FS Report & PP for 100-BC-1/2/5 OUs	TPA	3/15/12 (Original Due Date: 11/30/11)		12/28/12	Missed. Working with RL regarding a recovery schedule and path forward.
M-015-64-T01	Submit RI/FS Report and PP for 100-FR-1/2/3 and 100-IU-2/6	TPA	5/14/12 (Original Due Date: 12/17/11)		12/28/12	Missed. Working with DOE regarding a recovery schedule and path forward
M-091-40L-035	Submit April to June 3rd Quarter FY2012 Burial Ground Sample Results	TPA	9/15/12		9/15/12	On Schedule. Obtaining signatures
M-015-62-T01	Submit a FS/PP for 100-NR-2-1/2 Operable Units Including groundwater and soil.	TPA	9/17/12		12/28/12	At Risk – See Major Issues above.
M-085-01	Submit a change package to establish a date for major milestone M-085-00.	TPA	9/30/12		9/30/12	On Schedule
M-091-40L-036	PMM Submittal Jul-Sep 4th Qtr. FY2012 Burial Ground Sample Results	TPA	12/15/12		12/15/12	On Schedule

Number	Title	Type	Due Date	Actual Date	Forecast Date	Status/ Comment
M-015-00D	Complete RI/FS Process by Submitting PPs for all 100 & 300 Area OUs	TPA	12/31/12		12/28/12	At Risk – See Major Issues above.
M-091-40L-37	PMM Submittal Oct-Dec 1st Qtr. FY2013 Burial Ground Sample Results	TPA	3/15/13		3/15/13	On Schedule
M-037-03	Submit Revised Closure Plans for 216-B-3 and 216-S-10	TPA	4/30/13		4/30/13	Not funded for FY13
M-024-58F	Initiate Discussions of Well Commitments	TPA	6/1/13		6/1/13	On Schedule
M-091-40L-038	PMM Submittal Jan-Mar 2nd Qtr. FY2013 Burial Ground Sample Results	TPA	6/15/13		6/15/13	On Schedule
M-024-64-T01	Conclude Discussions of Well Commitments	TPA	8/1/2013		8/1/2013	On Schedule

SELF-PERFORMED WORK

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

GOVERNMENT FURNISHED SERVICES AND INFORMATION (GFS/I)

None currently identified.

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

CH2MHILL
Plateau Remediation Company

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

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

PROJECT SUMMARY

ARRA

- Continued with wrap and abatement work on the Steam Line near 200 West Powerhouse. Suspended Steam Pipe Asbestos removal pending identification of disposal pathway. Completed installation of asbestos safety labels on eight of eight miles of abandoned steam lines in the 200 Area.

Base

- No significant activity.

EMS Objectives and Target Status

Objective #	Objective	Target	Due Date	Status
12-EMS DWF&RS-OB2-T1	Reduce the generation and release of toxic and hazardous chemicals and material.	Improve the spill prevention program to reduce the likelihood of spills by using spill prevention techniques, procedures, and surveillances.	9/30/12	73% completed

TARGET ZERO PERFORMANCE

	Current Month	Rolling 12 Month	Comment
Days Away, Restricted or Transferred	0	1	N/A
Total Recordable Injuries	0	1	N/A
First Aid Cases	0	5	N/A
Near-Misses	0	0	N/A

KEY ACCOMPLISHMENTS

ARRA – U Plant/Other Decontamination and Decommissioning (D&D)

- Continued work on ARRA subproject for Asbestos Abatement
- Removal activities were suspended pending identification of disposal pathway
- Completed installation of asbestos safety labels on eight miles of abandoned steam lines in the 200 Area

Base

- Completed 39 Radiation Area Remedial Action (RARA) radiological surveillances.
- Completed 182 RARA Operational Surveillances.

- Completed 15 preventive maintenance (PM) activities.
- Completed 72 Facility Radiological Surveillances.
- Completed re-lamping of 224T and annual surveillance of the facility.
- Completed 200W tri-annual surveillance of RARA sites.

MAJOR ISSUES

No major issues to report this month.

RISK MANAGEMENT STATUS

Unassigned Risk
Risk Passed
New Risk
Change

Working - No Concerns
Working - Concern
Working - Critical

Increased Confidence
No Change
Decreased Confidence

Risk Title	Risk Strategy/Handling	Assessment		Comments
		Month	Trend	
RL-040/WBS 040				
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.	Green	No Change	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.	Green	No Change	Continuing waste site inspections & surveillances. No unplanned events encountered.
WSR-007: More Extensive Contamination Than Expected	Cannot control extent of contamination; no mitigation.	Green	No Change	No issues at this time.
WSR-008: No Action Waste Sites	Using L-8 table data; no mitigation.	Green	No Change	No issues at this time.
WSR-028: Unexpected Liquid in Pipelines/Tanks	Anticipate liquids in field work plans; include spill response plans in RD/RAWPs.	Green	No Change	No issues at this time.
PRC-010: Requirements Change	The remediation of asbestos was conducted in accordance with industry accepted techniques and processes. CHPRC is working with DOE-RL and other site contractors to ensure the asbestos abatement and containment procedures are adequate.	Red	No Change	Recent site-wide notification regarding asbestos abatement areas could identify additional requirements regarding asbestos abatement and remediation from previously demolished structures. Pursuing contract modification to accept additional scope for abandoned steam lines.
PRC-014: Site-Wide Occurrence	The remediation of asbestos was conducted in accordance with industry accepted techniques and processes. All Hanford site Contractors have been requested to assess asbestos abatement and facility conditions.	Red	No Change	Recent site-wide notification regarding asbestos abatement areas identifies that as a potential concern for cost and schedule growth. Pursuing contract modification to accept additional scope for abandoned steam lines.
PRC-021A: Workforce Restructuring Caused by Funding Changes	Revise project schedules and work planning documents around workforce restructuring timelines. Work with other contractors to minimize impacts associated with Bump and Roll.	Green	Decreased Confidence	Based on FY2013 funding projections, CHPRC is initiating a workforce restructuring action with interface management between other contractors to identify potential bump and roll impacts to the project.
D4-061: Re-Planting Efforts Are Unsuccessful	Prepare soil and conduct planting activities in accordance with subcontractor recommendations. Exercise warrantee provisions with subcontractor to reseed areas as appropriate.	Green	No Change	Vegetation efforts are going slower than expected at the BC Control area. Continue to monitor the area.

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 (%)
U Plant/Other	0.0	0.0	(0.0)	0.0	0.0	(0.0)	0.0
Outer Zone	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Asbestos Abatement	0.7	0.4	0.6	(0.3)	-41.7	(0.2)	-38.1
ARRA Total	**0.7**	**0.4**	**0.6**	**(0.3)**	**-41.7**	**(0.2)**	**-38.1**
Base	0.9	0.8	0.7	(0.0)	-4.1	0.2	20.9
Total	**1.6**	**1.3**	**1.2**	**(0.3)**	**-20.6**	**0.0**	**2.6**

Numbers are rounded to the nearest $0.1M

ARRA

CM Schedule Performance: (-$0.3M/-41.7%)

ARRA RL-0040.R1.1 U Plant/Other D&D - Work is Complete.

ARRA RL-0040.R1.2 Outer Zone - Work is Complete.

ARRA RL-0040.R1.4 Asbestos Abatement - Variance is within threshold.

CM Cost Performance: (-$0.2M/-38.1%)

ARRA RL-0040.R1.1 - Work is Complete. Variance is within threshold.

ARRA RL-0040.R1.2 - Variance is within threshold.

ARRA RL-0040.R1.4 - Variance is within threshold.

Base

CM Schedule Performance: (-$0.0M/-4.1%)

Variance is within threshold.

CM Cost Performance: (+$0.2M/+20.9%)

The favorable current period cost 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)
U Plant/Other	199.4	199.4	193.6	(0.0)	0.0	5.8	2.9	199.4	193.6	5.8
Outer Zone	84.3	84.3	71.6	0.0	0.0	12.6	15.0	84.3	71.7	12.6
Asbestos Abatement	1.3	1.5	1.1	0.2	16.0	0.4	25.4	1.8	1.6	0.2
ARRA Total	**284.9**	**285.1**	**266.4**	**0.2**	**0.1**	**18.8**	**6.6**	**285.5**	**266.9**	**18.6**
Base	78.0	77.8	70.2	(0.2)	-0.3	7.6	9.7	363.3	355.8	7.4
Total	**362.9**	**362.9**	**336.6**	**(0.0)**	**-0.0**	**26.3**	**7.3**	**648.8**	**622.7**	**26.0**

Numbers are rounded to the nearest $0.1M

ARRA

CTD Schedule Performance: (+$0.2M/+0.1%)

ARRA RL-0040.R1.1 U Plant/Other D&D - Variance is within reporting threshold.

ARRA RL-0040.R1.2 Outer Zone D&D - Variance is within reporting threshold.

ARRA RL-0040.R1.4 - The favorable schedule variance is within threshold.

CTD Cost Performance: (+$18.8M/+6.6%)

ARRA RL-0040.R1.1 U Plant/Other D&D - The positive cost variance is primarily the result of prior year activity which has been previously reported.

ARRA RL-0040.Rl.2 Outer Zone D&D - The favorable cost variance is primarily the result of prior year activity which has been previously reported.

ARRA RL-0040.R1.4 - The favorable cost variance is within threshold.

Base

CTD Schedule Performance: (-$0.2M/-0.3%)

The unfavorable CTD schedule variance is within threshold.

CTD Cost Performance: (+$7.6M/+9.7%)

The favorable cost variance is primarily the result of prior year activity which has been previously reported.

Contract Performance Report Formats are provided in Appendix A and Appendix A-1.

Estimate at Completion (EAC)

The BAC and EAC include FY2009 through FY2018.

The changes in EAC from July to August for both ARRA and Base are within reporting thresholds.

FUNDS vs. SPEND FORECAST ($M)

WBS 040/RL-0040 Nuclear Facility D&D	FY2012 Projected Funding	FY2012 Spending Forecast	FY2012 Spend Variance
ARRA	9.2	9.2	0.0
Base	11.4	11.0	0.4
RL-0040 Total	**20.6**	**20.2**	**0.4**

Numbers are rounded to the nearest $0.1M.

Funds/Variance Analysis

Funding includes FY2011 carryover and FY2012 new Budget Authority.

Critical Path Schedule

Critical path analysis can be provided upon request.

Baseline Change Requests

None currently identified.

MILESTONE STATUS

None currently identified.

SELF-PERFORMED WORK

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

GOVERNMENT FURNISHED SERVICES AND INFORMATION (GFS/I)

None currently identified.

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

CH2MHILL
Plateau Remediation Company

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

PROJECT SUMMARY

American Recovery and Reinvestment Act (ARRA)

- Continued with backfill of 100K Waste Sites in support of Phase 1 TPA Milestone M-016-053.

Base

Facilities

- 105-KE ISS preparation activities are ongoing with installation of below-grade concrete pourbacks (overall 62% complete) and cleanout of combustible and hazardous materials inside the reactor building (overall 56% complete).
- Completed processing of demolition debris and load out into ERDF containers for the 105KE Water Tunnel.
- Continued sorting of all metals that will be loaded into ERDF containers for the 183.2 KE Sedimentation Basin. Completed demolition/processing of debris for the 183.7 KE pipe tunnel which is also part of the KE Sedimentation Basin Project.
- Completed backfill in Area AA Zone 1 and began backfilling AG Zone 2.
- Initiated load out at waste site UPR-100-K-1.

EMS OBJECTIVES AND TARGET STATUS

- EMS Objectives and Target Status for RL-0041 are included as part of the Objectives and Target Status for RL-0040.

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	4	12	**8/20/2012** – Employee was stung on right arm. (22860) **8/20/2012** – Employee was moving debris and sprained right thumb. (22861) **8/23/2012** – Employee strained right side. (22867) **8/28/2012** – Employee strained right shoulder. (22871)
Near-Misses	0	0	N/A

KEY ACCOMPLISHMENTS

ARRA

- Continued with backfill of 100K Waste Sites.

Base

Facilities

- Initiated cleanout of the 3x ballroom and resumed cleanout of the remainder of the upper floors. Cleanout of the interior reactor building is 56% complete overall.
- Completed pourback installation at the HVAC tunnel. Below-grade concrete pourbacks are 62% complete overall.
- Received best and final offers from the top three technically qualified Safe Storage Enclose (SSE) bidders and conducted a technical evaluation of the proposals for a best value contract award.
- Completed demolition and load of the 105KE Water tunnel.
- Completed demolition of the183.7 and 183.2 structures.

Waste Sites

- Completed excavation of Area AH and backfilled 100-K-47 at North West area of Area AG.
- Initiated backfilling at Area AG Zone 2 and continued verification sampling at Area AG Zone 1.
- Began load out at waste site UPR-100-K-1.

MAJOR ISSUES

No major issues to report this month.

RISK MANAGEMENT STATUS

Unassigned Risk
Risk Passed
New Risk
Change

Working - No Concerns
Working - Concern
Working - Critical

Increased Confidence
No Change
Decreased Confidence

Risk Title	Risk Strategy/Handling	Assessment		Comments
		Month	Trend	
RL-041/WBS 041				
KBC-004: Contamination Depth Greater Than Planned	Cannot control extent of contamination; Mitigate risk utilizing total tons within the PMB volume for 100-K waste sites Remediation.	Yellow	⟷	The 100K waste sites that have been remediated to date realized more tons of waste than planned. CHPRC will continue to use planned BCWS up to the planned PMB total tons estimated.
WSR-009: Different Remediation Approach	Clean up remedies are consistent with direction received from RL in the PRC. There is a risk that the regulators will require a different cleanup remedy than what is planned.	Yellow	⟷	It has been demonstrated that with ISS of 105KE, two significant plumes will not be fully remediated under the RTD. The project is researching a long-term (i.e. 75 year) low cost stabilization that will retard water movement through the contaminated zone (i.e. contract modification to install asphalt barrier to cover 116-KE-1, 116-KE-3 and the UPR-100-K-1). Remediation and long-term stabilization must be determined and completed prior to initiating construction of the KE-Reactor structure.
KBC-020: Ecological/Cultural Conditions Restrict Field Activities	Accelerate cultural resource reviews; work with team to provide necessary information to mitigate resources issues. This risk will be monitored throughout work execution.	Green	⟷	TPA-CN-500 moves 116-KE-1 and 116-KE3 to Phase 3 M-016-00C. Due December 31, 2020.
KBC-044: 100 K Waste Sites Require Haz Cat Controls	Existing characterization data indicates the likelihood of this risk occurring is low; risk accepted without mitigation.	Yellow	⟷	Developing modeling data associated with KE waste sites to determine remediation. Model results will be shared with stakeholders for path forward.
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.	Green	⟷	Contaminated Pipe Remediation initiated – Progressing as scheduled. No concerns.
WSR-047: Unforeseen Waste Site Event	Perform routine surveillances and maintenance of waste sites including herbicide application.	Green	⟷	Contaminated Pipe Remediation initiated – Progressing as scheduled. No concerns.
PRC-010: Requirements Change	The remediation of asbestos was conducted in accordance with industry accepted techniques and processes. CHPRC is working with DOE-RL and other site contractors to ensure the asbestos abatement and containment procedures are adequate.	Red	⟷	Recent site-wide notification regarding asbestos abatement areas could identify additional requirements regarding asbestos abatement and remediation from previously demolished structures.
PRC-014: Site-Wide Occurrence	The remediation of asbestos was conducted in accordance with industry accepted techniques and processes. All Hanford site Contractors have been requested to assess asbestos abatement and facility conditions.	Red	⟷	Recent site-wide notification regarding asbestos abatement areas identifies that as a potential concern for cost and schedule growth.
PRC-021A: Workforce Restructuring Caused by Funding Changes	Revise project schedules and work planning documents around workforce restructuring timelines. Work with other contractors to minimize impacts associated with Bump and Roll.	Green	↓	Based on FY2013 funding projections, CHPRC is initiating a workforce restructuring action with interface management between other contractors to identify potential bump and roll impacts to the project.

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 (%)
ARRA	0.3	0.9	0.5	0.6	203.0	0.4	46.2
Base	4.1	6.8	3.3	2.6	64.0	3.4	50.7
Total	**4.4**	**7.6**	**3.8**	**3.2**	**72.8**	**3.8**	**50.2**

Numbers are rounded to the nearest $0.1M

ARRA

CM Schedule Performance (+$0.6M/+203.0%)

Waste Sites (+$0.6M) The positive schedule variance is due to completing most of the backfill of Waste Sites Area AG and AH.

100K Area Project (Facilities and Others) (+$0.0M) The variance is within reporting threshold.

CM Cost Performance (+$0.4M/+46.2%)

Waste Sites (+$0.4M) The variance is within reporting threshold.

100K Area Project (-$0.0M) The variance is within reporting threshold.

Base

CM Schedule Performance (+$2.6M/+64.0%)

Waste Sites (+$0.2M) The variance is within reporting threshold. 100K Area Project (Facilities and Others) (+$2.4M) The positive variance is due to obtaining favorable sampling results for the KE Sedimentation Basin. The load-out is now complete.

CM Cost Performance (+$3.4M/+50.7%)

Waste Sites (+$0.3M) The variance is within reporting threshold.

100K Area Project (+$3.1M) The positive variance is due to the KE Sedimentation Basin accomplishing demolition/load out with less resources than planned as well as ISS costs lower than planned.

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)
ARRA	179.5	179.5	181.3	(0.0)	-0.0	(1.9)	-1.0	179.7	181.3	(1.5)
Base	107.6	109.9	90.3	2.3	2.2	19.6	17.8	337.6	322.5	15.1
Total	**287.1**	**289.4**	**271.6**	**2.3**	**0.8**	**17.7**	**6.1**	**517.4**	**503.8**	**13.6**

Numbers are rounded to the nearest $0.1M

ARRA

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

Waste Sites (-$0.0M) The variance is within reporting threshold.

100K Area Project (-$0.0M) The variance is within reporting threshold.

CTD Cost Performance: (-$1.9M/-1.0%)

Waste Sites (+$8.8) The positive CTD cost variance is primarily the result of prior year activity which has been previously reported.

100K Area Project (-$10.7M) The positive CTD cost variance is primarily the result of prior year activity which has been previously reported.

Base

CTD Schedule Performance (+$2.3M/+2.2%)

Waste Sites (+$2.4M) The positive schedule variance is due to CSNA sites that were completed early.

100K Area Project (Facilities and Others) (-$0.1M) The variance is within reporting threshold.

CTD Cost Performance (+$19.6M/+17.8%)

Waste Sites (+$11.8M) The positive CTD cost variance is primarily the result of prior year activity which has been previously reported.

100K Area Project (Facilities and Others) (+$7.8M) The positive cost variance is due to 105KE Reactor Disposition – ISS underrun, less demolition required on KE Sedimentation Basin as well as underruns in G&A and Direct Distributables.

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 and A-1.

FUNDS vs. SPEND FORECAST ($M)

WBS 041/RL-0041 Nuclear Facility D&D – River Corridor	FY2012 Projected Funding	FY2012 Spending Forecast	FY2012 Spend Variance
ARRA	6.5	6.5	0.0
Base	34.6	30.6	4.1
RL-0041 Total	**41.1**	**37.1**	**4.1**

Numbers are rounded to the nearest $0.1M.

Funds/Variance Analysis:

Funding includes FY2011 carryover and FY2012 new Budget Authority.

Critical Path Schedule

Critical Path Analysis can be provided upon request.

Baseline Change Requests

None currently identified.

MILESTONE STATUS

Tri-Party Agreement (TPA) milestones represent significant events in project execution. DOE Enforceable Agreement milestones were established to provide high-level visibility to critical deliverables and specific status on the accomplishment of these key events. The PMB Revision 3, implemented in November 2011, and subsequent approved BCRs define CHPRC planning with respect to TPA milestones.

Number	Title	Type	Due Date	Actual Date	Forecast Date	Status/ Comment
M-016-53	Complete the Interim Response Actions for the 100 K Area Phase I	TPA	12/31/12			On Schedule.

SELF-PERFORMED WORK

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

GOVERNMENT FURNISHED SERVICES AND INFORMATION (GFS/I)

None currently identified.

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

CH2MHILL
Plateau Remediation Company

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Services (DWF&RS)

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

PROJECT SUMMARY

- The Fast Flux Test Facility (FFTF) is being maintained in a low-cost surveillance and maintenance condition. The 400 Area water system continues to operate providing service to other occupants of the 400 Area and water for fire protection. Fire System testing is scheduled for September 2012.

EMS OBJECTIVES AND TARGET STATUS

- EMS Objectives and Target Status for RL-0042 are included as part of the Objectives and Target Status for RL-0040.

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

- Awarded contract for upcoming FFTF roof repairs
- Supported ongoing Class II permit changes for the 400 area in meetings with RL
- Presented feasibility options to RL for transitioning from current sewer system in the 400 Area, coordinating transition with Interface Management, and conducted technical meeting with MSA
- Completed four Preventative Maintenance and Operational Surveillances

MAJOR ISSUES

None identified.

RISK MANAGEMENT STATUS

None identified.

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 (%)
Base	0.2	0.2	0.1	(0.0)	-0.0%	0.1	57.1%
Numbers are rounded to the nearest $0.1M							

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

The current period schedule variance is within thresholds.

CM Cost Performance: (+$0.1M/+57.1%)

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)
Base	13.7	13.7	11.9	0.0	0.0%	1.8	13.0%	26.2	24.7	46.2
Numbers are rounded to the nearest $0.1M										

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

The schedule variance is within reporting thresholds.

CTD Cost Performance (+$1.8M/+13.0%)

The favorable CTD cost variance is primarily the result of prior year activity, which has been previously reported.

Contract Performance Report Formats are provided in Appendix A.

Estimate at Completion (EAC)

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

The change in EAC from July to August is within reporting thresholds.

FUNDS vs. SPEND FORECAST ($M)

	FY2012		
RL-0042 FFTF Closure	Projected Funding	Spending Forecast	Spend Variance
Base	2.0	1.7	0.3

Numbers are rounded to the nearest $0.1M

Funds Analysis:

Funding includes FY2011 carryover and FY2012 new Budget Authority.

Critical Path Schedule

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

Baseline Change Requests

None currently identified.

MILESTONE STATUS

None currently identified.

SELF-PERFORMED WORK

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

GOVERNMENT FURNISHED SERVICES AND INFORMATION (GFS/I)

None currently identified.

Appendix A

Contract Performance Reports

Format 1 - Work Breakdown Structure

Format 2 - Organizational Categories

Format 3 - Baseline

Format 4 - Staffing

Format 5 - Explanation and Problem Analysis

CH2MHILL
Plateau Remediation Company

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

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

CLASSIFICATION (When Filled In)

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

FORM APPROVED
OMB No. 0704-0188

1. CONTRACTOR	2. CONTRACT		3. PROGRAM	4. REPORT PERIOD
a. NAME CH2M HILL Plateau Remediation Company	a. NAME Plateau Remediation Contract		a. NAME Plateau Remediation Contract	a. FROM (YYYYMMDD) 2012 / 07 / 23
b. LOCATION (Address and ZIP Code) Richland, WA	b. NUMBER RL14788		b. PHASE	b. TO (YYYYMMDD) 2012 / 08 / 26
	c. TYPE CPAF	d. SHARE RATIO	c. EVMS ACCEPTANCE NO YES X 9/18/2009	

5. CONTRACT DATA

a. QUANTITY	b. NEGOTIATED COST	c. ESTIMATED COST OF AUTHORIZED UNPRICED WORK	d. TARGET PROFIT/ FEE	e. TARGET PRICE	f. ESTIMATED PRICE	g. CONTRACT CEILING	h. ESTIMATED CONTRACT CEILING	I. DATE OF OTB/OTS
	5,622,293	24,850	239,089	5,861,382	5,841,273	5,861,382	5,841,273	

6. ESTIMATED COST AT COMPLETION

	MANAGEMENT ESTIMATE AT COMPLETION (1)	CONTRACT BUDGET BASE (2)	VARIANCE (3)
a. BEST CASE	5,491,626		
b. WORST CASE	5,648,334		
c. MOST LIKELY	5,602,184	5,647,143	44,960

7. AUTHORIZED CONTRACTOR REPRESENTATIVE

a. NAME (Last, First, Middle Initial)	b. TITLE	c. SIGNATURE	d. DATE SIGNED
Bang, M.V.	Prime Contract Manager		8/26/2012

8. PERFORMANCE DATA

WBS[1]	CURRENT PERIOD					CUMULATIVE TO DATE					REPROGRAMMING ADJUSTMENTS			AT COMPLETION		
	BUDGETED COST		ACTUAL COST	VARIANCE		BUDGETED COST		ACTUAL COST	VARIANCE							
ITEM (1)	WORK SCHEDULED (2)	WORK PERFORMED (3)	WORK PERFORMED (4)	SCHEDULE (5)	COST (6)	WORK SCHEDULED (7)	WORK PERFORMED (8)	WORK PERFORMED (9)	SCHEDULE (10)	COST (11)	COST VARIANCE (12a)	SCHEDULE VARIANCE (12b)	BUDGET (13)	BUDGETED (14)	ESTIMATED (15)	VARIANCE (16)
011 RL-11 NM Stabilization and Disposition PFP	10,182	8,855	10,970	(1,327)	(2,115)	520,589	515,886	529,331	(4,703)	(13,446)	0	0	0	893,830	903,296	(9,466)
012 RL-12 SNF Stabilization and Disposition	7,989	9,387	7,165	1,398	2,222	321,519	320,078	320,765	(1,441)	(687)	0	0	0	539,314	531,850	7,464
013 RL-13 Solid Waste Stabilization & Disposition	7,976	7,912	6,843	(64)	1,069	693,408	693,131	687,271	(277)	5,860	0	0	0	1,412,923	1,404,809	8,113
030 RL-30 Soil & Wtr Remediatn Grndwtr/Vadose Zone	10,116	9,428	9,772	(688)	(344)	795,979	797,497	800,070	1,518	(2,572)	0	0	0	1,499,360	1,500,407	(1,047)
040 RL-40 Nuclear Facility D&D Remainder of Hanford	1,583	1,256	1,234	(327)	22	362,911	362,893	336,557	(18)	26,336	0	0	0	648,780	622,749	26,031
041 RL-41 Nuclear Facility D&D - River Corridor	4,419	7,637	3,800	3,217	3,837	287,065	289,374	271,643	2,309	17,731	0	0	0	517,368	503,791	13,577
042 RL-42 FFTF Closure	176	176	75	(0)	100	13,652	13,652	11,883	0	1,770	0	0	0	26,202	24,723	1,478
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	**42,441**	**44,650**	**39,859**	**2,209**	**4,791**	**2,995,123**	**2,992,512**	**2,957,520**	**(2,612)**	**34,992**	0	0	0	**5,537,776**	**5,491,626**	**46,151**
f. Management Reserve														110,558		
g. Total	**42,441**	**44,650**	**39,859**	**2,209**	**4,791**	**2,995,123**	**2,992,512**	**2,957,520**	**(2,612)**	**34,992**	0	0	0	**5,648,334**		
9. Reconciliation to CBB																
a. Variance Adjustment																
b. Total Contract Variance									**(2,612)**	**34,992**				**5,648,334**	**5,491,626**	**156,709**

CLASSIFICATION (When Filled In)

CONTRACT PERFORMANCE REPORT FORMAT 2 - ORGANIZATIONAL CATEGORIES			DOLLARS IN _ Thousands of $	FORM APPROVED OMB No. 0704-0188
1. CONTRACTOR	2. CONTRACT		3. PROGRAM	4. REPORT PERIOD
a. NAME CH2M HILL Plateau Remediation Company	a. NAME Plateau Remediation Contract		a. NAME Plateau Remediation Contract	a. FROM (YYYYMMDD) 2012 / 07 / 23
b. LOCATION (Address and ZIP Code) Richland, WA	b. NUMBER RL14788		b. PHASE	b. TO (YYYYMMDD) 2012 / 08 / 26
	c. TYPE CPAF	d. SHARE RATIO	c. EVMS ACCEPTANCE NO YES X 9/18/2009	

5. PERFORMANCE DATA

FOC / ITEM (1)	CURRENT PERIOD: BUDGETED COST WORK SCHEDULED (2)	BUDGETED COST WORK PERFORMED (3)	ACTUAL COST WORK PERFORMED (4)	VARIANCE SCHEDULE (5)	VARIANCE COST (6)	CUMULATIVE TO DATE: BUDGETED COST WORK SCHEDULED (7)	BUDGETED COST WORK PERFORMED (8)	ACTUAL COST WORK PERFORMED (9)	VARIANCE SCHEDULE (10)	VARIANCE COST (11)	REPROGRAMMING ADJUSTMENTS: COST VARIANCE (12a)	SCHEDULE VARIANCE (12b)	BUDGET (13)	AT COMPLETION: BUDGETED (14)	ESTIMATED (15)	VARIANCE (16)
30A - Project Services & Support																
011.A - Proj Services & Support	0	0	0	0	0	62,534	62,534	54,914	0	7,619	0	0	0	62,534	54,914	7,619
012.A - Proj Services & Support	0	0	0	0	0	30,631	30,631	29,037	0	1,594	0	0	0	30,631	29,037	1,594
013.A - Proj Services & Support	0	0	0	0	0	80,655	80,655	76,101	0	4,554	0	0	0	80,655	76,101	4,554
030.A - Proj Services & Support	0	0	0	0	0	63,710	63,710	66,183	0	(2,473)	0	0	0	63,710	66,183	(2,473)
040.A - Proj Services & Support	0	0	0	0	0	47,955	47,955	38,102	0	9,853	0	0	0	47,955	38,102	9,853
041.A - Proj Services & Support	0	0	0	0	0	36,959	36,959	29,926	0	7,032	0	0	0	36,959	29,926	7,032
042.A - Proj Services & Support	0	0	0	0	0	1,604	1,604	1,492	0	112	0	0	0	1,604	1,492	112
	0	**0**	**0**	**0**	**0**	**324,047**	**324,047**	**295,756**	**0**	**28,291**	**0**	**0**	**0**	**324,047**	**295,756**	**28,291**
30B - WBS 98 PSD Distribution																
011.A1 - Project Specific Distributables	0	0	0	0	0	16,561	16,561	17,047	0	(486)	0	0	0	16,561	17,047	(486)
013.A1 - Project Specific Distributables	0	0	0	0	0	10,645	10,645	14,888	0	(4,244)	0	0	0	10,645	14,888	(4,244)
030.A1 - Project Specific Distributables	0	0	0	0	0	8,173	8,173	10,290	0	(2,116)	0	0	0	8,173	10,290	(2,116)
040.A1 - Project Specific Distributables	0	0	0	0	0	20,184	20,184	17,326	0	2,858	0	0	0	20,184	17,326	2,858
041.A1 - Project Specific Distributables	0	0	0	0	0	12,155	12,155	10,176	0	1,979	0	0	0	12,155	10,176	1,979
	0	**0**	**0**	**0**	**0**	**67,718**	**67,718**	**69,727**	**0**	**(2,008)**	**0**	**0**	**0**	**67,718**	**69,727**	**(2,008)**
30C - WBS 98 R&RP Distribution																
011.A2 - PSD R&RP	0	0	0	0	0	950	950	1,230	0	(280)	0	0	0	950	1,230	(280)
012.A2 - PSD R&RP	0	0	0	0	0	0	0	1,409	0	(1,409)	0	0	0	0	1,409	(1,409)
013.A2 - PSD R&RP	0	0	0	0	0	1,132	1,132	2,294	0	(1,162)	0	0	0	1,132	2,294	(1,162)
030.A2 - PSD R&RP	0	0	0	0	0	989	989	3,154	0	(2,164)	0	0	0	989	3,154	(2,164)
040.A2 - PSD R&RP	0	0	0	0	0	1,076	1,076	705	0	371	0	0	0	1,076	705	371
041.A2 - PSD R&RP	0	0	0	0	0	854	854	604	0	250	0	0	0	854	604	250
042.A2 - PSD R&RP	0	0	0	0	0	0	0	22	0	(22)	0	0	0	0	22	(22)
	0	**0**	**0**	**0**	**0**	**5,000**	**5,000**	**9,417**	**0**	**(4,417)**	**0**	**0**	**0**	**5,000**	**9,417**	**(4,417)**
30W - WBS 98 WFR Distribution																
011.A3 - PSD WFR	0	0	0	0	0	2,996	2,996	2,996	0	0	0	0	0	2,996	2,996	0
012.A3 - PSD WFR	0	0	0	0	0	22	22	22	0	0	0	0	0	22	22	0
013.A3 - PSD WFR	0	0	0	0	0	12,490	12,490	12,490	0	0	0	0	0	12,490	12,490	0
040.A3 - PSD WFR	0	0	0	0	0	2,053	2,053	2,053	0	0	0	0	0	2,053	2,053	0
041.A3 - PSD WFR	0	0	0	0	0	2,568	2,568	2,568	0	0	0	0	0	2,568	2,568	0
	0	**0**	**0**	**0**	**0**	**20,128**	**20,128**	**20,128**	**0**	**0**	**0**	**0**	**0**	**20,128**	**20,128**	**0**
34 - Environmental Prog & Strategic Planning																
030.2 - Envr Prog & Strategic Planning	518	505	567	(14)	(62)	36,575	36,385	33,406	(190)	2,979	0	0	0	79,670	76,455	3,215
	518	**505**	**567**	**(14)**	**(62)**	**36,575**	**36,385**	**33,406**	**(190)**	**2,979**	**0**	**0**	**0**	**79,670**	**76,455**	**3,215**
35 - Business Services																
012.3 - Transition (PTB)	0	0	0	0	0	21,768	21,768	21,768	0	0	0	0	0	21,768	21,768	0
030.9F - Ramp Up/Transition - Fac	0	0	0	0	(0)	23,047	23,047	23,520	0	(473)	0	0	0	23,047	23,520	(473)
	0	**0**	**0**	**0**	**(0)**	**44,816**	**44,816**	**45,288**	**0**	**(473)**	**0**	**0**	**0**	**44,816**	**45,288**	**(473)**
37 - Company Level Initiatives																
011.7W - PRC WFR	0	0	0	0	0	364	364	364	0	(0)	0	0	0	1,818	1,387	432
012.7W - PRC WFR	0	0	0	0	0	237	237	238	0	(0)	0	0	0	1,363	1,029	334
013.7W - PRC WFR	0	0	0	0	0	358	358	358	0	(0)	0	0	0	1,702	1,303	399
030.7W - PRC WFR	0	0	0	0	0	268	268	269	0	(0)	0	0	0	1,705	1,279	427
040.7W - PRC WFR	0	0	0	0	0	48	48	48	0	0	0	0	0	224	172	52
041.7W - PRC WFR	0	0	0	0	0	56	56	56	0	0	0	0	0	337	254	84
042.7W - PRC WFR	0	0	0	0	0	6	6	6	0	0	0	0	0	33	25	8
	0	**0**	**0**	**0**	**0**	**1,337**	**1,337**	**1,338**	**0**	**(0)**	**0**	**0**	**0**	**7,182**	**5,447**	**1,735**
3B - PFP Closure, BOS & Infrastructure																
011.1 - Plutonium Finishing Plant	10,182	8,855	10,970	(1,327)	(2,115)	437,184	432,481	452,780	(4,703)	(20,299)	0	0	0	808,971	825,722	(16,750)
	10,182	**8,855**	**10,970**	**(1,327)**	**(2,115)**	**437,184**	**432,481**	**452,780**	**(4,703)**	**(20,299)**	**0**	**0**	**0**	**808,971**	**825,722**	**(16,750)**
3C - W&FMP/D&D Project																
012.1 - 100 K Area Project	2,467	2,467	1,952	0	514	112,536	112,536	114,532	0	(1,996)	0	0	0	197,687	199,448	(1,761)
012.2 - Sludge Treatment Project	5,522	6,920	5,212	1,398	1,707	156,325	154,884	153,760	(1,441)	1,124	0	0	0	287,843	279,138	8,705
013.1 - Waste Management	7,976	7,912	6,843	(64)	1,069	588,129	587,852	581,141	(277)	6,711	0	0	0	1,306,300	1,297,734	8,566
040.1 - PRC D&D	706	415	313	(291)	102	190,962	191,165	187,446	203	3,719	0	0	0	290,804	287,243	3,561
040.2 - D&D Fac Waste Site Remediation	0	0	0	0	(0)	67,490	67,600	60,119	110	7,481	0	0	0	187,262	179,891	7,371
041.1 - River Zone	3,163	5,580	2,412	2,417	3,168	168,569	168,506	180,714	(64)	(12,208)	0	0	0	358,982	372,501	(13,519)
041.3 - Waste Sites	1,257	2,057	1,388	800	669	65,905	68,278	47,600	2,373	20,678	0	0	0	105,514	87,763	17,751
042.1 - FFTF	176	176	75	0	100	12,042	12,042	10,362	0	1,680	0	0	0	24,566	23,184	1,381
040.3 - PRC Fac & Waste Site Maint	877	841	920	(36)	(80)	33,144	32,813	30,760	(331)	2,053	0	0	0	99,224	97,259	1,965
	22,143	**26,367**	**19,117**	**4,224**	**7,250**	**1,395,103**	**1,395,676**	**1,366,433**	**573**	**29,243**	**0**	**0**	**0**	**2,858,180**	**2,824,160**	**34,020**
3D - Soil & Groundwater Remediation																
030.1 - Soil & GW Remediation	9,438	8,762	7,157	(677)	1,605	390,319	392,016	374,159	1,696	17,857	0	0	0	1,045,193	1,022,954	22,240
	9,438	**8,762**	**7,157**	**(677)**	**1,605**	**390,319**	**392,016**	**374,159**	**1,696**	**17,857**	**0**	**0**	**0**	**1,045,193**	**1,022,954**	**22,240**
3F - Engineering, Projects & Construction																
030.3 - EPC - Groundwater	160	162	2,049	2	(1,887)	272,897	272,909	289,089	12	(16,181)	0	0	0	276,872	296,574	(19,702)
	160	**162**	**2,049**	**2**	**(1,887)**	**272,897**	**272,909**	**289,089**	**12**	**(16,181)**	**0**	**0**	**0**	**276,872**	**296,574**	**(19,702)**
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	**42,441**	**44,650**	**39,859**	**2,209**	**4,791**	**2,995,123**	**2,992,512**	**2,957,520**	**(2,611)**	**34,992**	**0**	**0**	**0**	**5,537,776**	**5,491,625**	**46,151**
f. Management Resrv.														110,558		
g. Total	**42,441**	**44,650**	**39,859**	**2,209**	**4,791**	**2,995,123**	**2,992,512**	**2,957,520**	**(2,611)**	**34,992**	**0**	**0**	**0**	**5,648,334**		

August 2012 Monthly Report

CONTRACT PERFORMANCE REPORT FORMAT 3 - BASELINE DOLLARS IN THOUSANDS			Form Approved OMB No. 0704-0188
1. CONTRACTOR CH2M HILL Plateau Remediation Company b. LOCATION: Richland, WA	2. CONTRACT a. NAME: Plateau Remediation Contract b. NUMBER: RL14788 c. TYPE: CPAF d. SHARE RATIO:	3. PROGRAM a. NAME: Plateau Remediation Contract b. PHASE c. EVMS ACCEPTANCE NO YES X 9/18/2009	4. REPORT PERIOD a. FROM: 2012/07/23 b. TO: 2012/08/26

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	$1,309,926	$5,622,293	24,850	$5,647,143	$5,648,334	($1,191)

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

6. PERFORMANCE DATA

ITEM	BCWS CUM TO DATE	BCWS FOR REPORT PERIOD	BUDGETED COST FOR WORK SCHEDULED (NON - CUMULATIVE) SIX MONTH FORECAST +1 Sep-12	+2 Oct-12	+3 Nov-12	+4 Dec-12	+5 Jan-13	+6 Feb-13	FY09	FY10	FY11	FY12	OUT YEARS	UNDISTRIB BUDGET	TOTAL BUDGET
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
a. PM BASELINE															
(BEGIN OF PERIOD)	**2,952,683**	**32,238**	**46,614**	**31,445**	**45,847**	**39,719**	**41,730**	**38,093**	**653,426**	**960,017**	**1,002,105**	**426,126**	**2,496,039**	**0**	**5,537,713**
b. BASELINE CHANGES AUTH DURING REPORT PERIOD															
BCR-013-12-005R0 - Transfer Contingent ARRA Scope to Base												**28**			**28**
BCR-040-12-006R0 - Central Plateau Surplus Steam Lines Surveillances												**35**			**35**
c. PM BASELINE (END OF PERIOD)	**2,995,123**	**42,441**	**46,614**	**37,717**	**55,199**	**47,930**	**50,397**	**46,247**	**653,426**	**960,017**	**1,002,105**	**426,189**	**2,496,039**	**0**	**5,537,776**
7. MANAGEMENT RESERVE															**110,558**
8. TOTAL															**5,648,334**

Block 5.g "Difference" is attributable to allocable G&A and DD costs for definitized Change Orders/Contract Modifications.

CLASSIFICATION (When Filled In)

CONTRACT PERFORMANCE REPORT
FORMAT 4 - STAFFING

FORM APPROVED
OMB No. 0704-0188

1. CONTRACTOR	2. CONTRACT	3. PROGRAM	4. REPORT PERIOD
a. NAME CH2M HILL Plateau Remediation Company	a. NAME Plateau Remediation Contract	a. NAME Plateau Remediation Contract	a. FROM (YYYYMMDD) 2012 / 07 / 23
b. LOCATION (Address and ZIP Code) Richland, WA	b. NUMBER RL14788	b. PHASE	b. TO (YYYYMMDD) 2012 / 08 / 26
	c. TYPE CPAF / d. SHARE RATIO	c. EVMS ACCEPTANCE NO 9/18/2009	

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

FOC Group by FOC / ITEM	ACTUAL CURRENT PERIOD	ACTUAL END OF CURRENT PERIOD (Cumulative)	FORECAST (Non-Cumulative) SIX MONTH FORECAST +1 Sep	+2 Oct	+3 Nov	+4 Dec	+5 Jan	+6 Feb	SPECIFIED PERIODS REM FY13	FY14-18	AT COMPLETION
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(12)	(13)	(15)
30B - WBS 98 PSD Distribution											
011.A1 - Project Specific Distributables	0	1	0	0	0	0	0	0	0	0	1
013.A1 - Project Specific Distributables	0	0	0	0	0	0	0	0	0	0	0
030.A1 - Project Specific Distributables	0	0	0	0	0	0	0	0	0	0	0
040.A1 - Project Specific Distributables	0	0	0	0	0	0	0	0	0	0	0
	0	**1**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**1**
31 - Communications & Outreach											
000.1 - Communications & Outreach	6	520	7	7	7	7	7	7	49	420	1,031
	6	**520**	**7**	**7**	**7**	**7**	**7**	**7**	**49**	**420**	**1,031**
32 - Safety, Health, Security & Quality											
000.2 - Safety,Health,Security/Quality	55	4,375	63	61	61	61	61	61	426	2,889	8,058
	55	**4,375**	**63**	**61**	**61**	**61**	**61**	**61**	**426**	**2,889**	**8,058**
34 - Environmental Prog & Strategic Planning											
000.4 - Environmental Prog & Strategic Planning	17	949	20	21	21	21	21	21	159	957	2,190
030.2 - Envr Prog & Strategic Planning	13	1,369	21	22	22	22	22	22	151	1,702	3,351
	30	**2,317**	**41**	**43**	**43**	**43**	**43**	**43**	**310**	**2,660**	**5,541**
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	82	5,121	93	99	99	99	99	99	694	5,579	11,983
000.9 - Chief Information Officer	0	4	0	0	0	0	0	0	0	0	4
011.9T - Ramp Up/Transition - Training	0	15	0	0	0	0	0	0	0	0	15
013.9F - Ramp Up/Transition - Fac	0	1	0	0	0	0	0	0	0	0	1
013.9T - Ramp Up/Transition - Training	0	11	0	0	0	0	0	0	0	0	11
030.9F - Ramp Up/Transition - Fac	0	272	0	0	0	0	0	0	0	0	272
030.9T - Ramp Up/Transition - Training	0	7	0	0	0	0	0	0	0	0	7
040.9F - Ramp Up/Transition - Fac	0	2	0	0	0	0	0	0	0	0	2
040.9T - Ramp Up/Transition - Training	0	18	0	0	0	0	0	0	0	0	18
041.9F - Ramp Up/Transition - Fac	0	1	0	0	0	0	0	0	0	0	1
041.9T - Ramp Up/Transition - Training	0	13	0	0	0	0	0	0	0	0	13
	82	**6,768**	**93**	**99**	**99**	**99**	**99**	**99**	**694**	**5,579**	**13,629**
36 - Prime Contract & Project Integration											
000.7 - Contract and Baseline Management	32	1,811	34	42	42	42	42	42	294	2,373	4,722
	32	**1,811**	**34**	**42**	**42**	**42**	**42**	**42**	**294**	**2,373**	**4,722**
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	325	25,717	455	521	534	534	531	530	3,918	8,724	41,465
	325	**25,717**	**455**	**521**	**534**	**534**	**531**	**530**	**3,918**	**8,724**	**41,465**
3C - W&FMP/D&D Project											
012.1 - 100 K Area Project	75	6,270	94	105	105	105	105	105	733	2,266	9,887
012.2 - Sludge Treatment Project	155	5,327	177	156	156	156	137	117	783	2,641	9,651
013.1 - Waste Management	293	30,567	332	361	361	361	361	361	2,542	25,043	60,288
013.3 - Solid Waste Variable	9	617	9	9	9	9	9	9	63	540	1,274
040.1 - PRC D&D	19	7,509	7	0	0	0	0	0	0	3,563	11,079
040.2 - D&D Fac Waste Site Remediation	0	1,341	0	0	0	0	0	0	0	1,425	2,766
040.3 - PRC Fac & Waste Site Maint	36	1,995	40	51	49	40	40	40	304	2,318	4,878
041.1 - River Zone	57	5,552	71	48	48	48	48	48	335	3,626	9,824
041.3 - Waste Sites	13	1,066	11	3	1	0	0	0	1	898	1,982
042.1 - FFTF	4	571	4	7	7	7	7	7	48	413	1,071
	660	**60,815**	**745**	**740**	**736**	**727**	**708**	**688**	**4,810**	**42,733**	**112,699**
3D - Soil & Groundwater Remediation											
030.1 - Soil & GW Remediation	209	15,144	239	277	281	287	293	302	2,307	16,238	35,369
	209	**15,144**	**239**	**277**	**281**	**287**	**293**	**302**	**2,307**	**16,238**	**35,369**
3F - Engineering, Projects & Construction											
000.F - Eng/Procurement & Construction	15	1,190	18	16	16	16	16	16	109	766	2,160
030.3 - EPC - Groundwater	8	3,327	10	0	0	0	0	0	26	128	3,491
	22	**4,517**	**28**	**16**	**16**	**16**	**16**	**16**	**135**	**894**	**5,651**
Grand Totals:	**1,422**	**121,985**	**1,705**	**1,805**	**1,818**	**1,815**	**1,799**	**1,787**	**12,943**	**82,509**	**228,167**

CLASSIFICATION (When Filled In)

CONTRACT PERFORMANCE REPORT
FORMAT 5 - EXPLANATIONS AND PROBLEM ANALYSES

FORM APPROVED
OMB No. 0704-0188

1. CONTRACTOR	2. CONTRACT		3. PROGRAM	4. REPORT PERIOD
a. NAME CH2M HILL Plateau Remediation Company	**a. NAME** Plateau Remediation Contract		**a. NAME** Plateau Remediation Contract	**a. FROM (YYYY/MM/DD)** **2012/07/23**
b. LOCATION (Address and ZIP Code) Richland, WA 99354	**b. NUMBER** RL		**b. PHASE** Base and ARRA	**b. TO (YYYY/MM/DD)** **2012/08/26**
	c. TYPE CPAF	**d. SHARE RATIO**	**c. EVMS ACCEPTANCE** **2009/09/18** **NO YES X**	

	BCWS	BCWP	ACWP	SV in $	SV in %	CV in $	CV %	SPI	CPI
Current:	42,441	44,650	39,859	2,209	5.2%	4,791	10.7%	1.05	1.12
Cumulative:	2,995,123	2,992,512	2,957,520	(2,612)	-0.1%	34,992	1.2%	1.00	1.01
	BAC	EAC	VAC in $	VAC in %	CPI to BAC	CPI to EAC			
At Complete:	5,537,776	5,491,626	46,151	0.8%	1.0	1.0			

Explanation of Variance/Description of Problem:

Current Period Schedule Variance: The Current Month favorable Schedule Variance (+$2.2M) is primarily due to completing work on KE Sedimentation Basin and to early completion of Knock-Out Pot Processing System (KPS) activities. In addition, Waste Site backfill is near completion as well as remediation of Area AG. While PFP schedule and cost performance declined in August, impact to the PFP schedule has been addressed and corrective actions are in place. Impact of additional soil contamination (realized risk) is being addressed and D&D structure demolition and waste site remediation schedule recovery actions are being explored.

Current Period Cost Variance: The Current Month favorable Cost Variance (+$4.8M) is primarily due to less remediation being required than planned for Waste Site Areas AG and AH. In addition, based on the sampling results for the KE Sedimentation Basin, less demolition was required than planned. Other contributors were efficiencies with Annex Construction Management resources, efficiencies realized in completing KPS processing of MCOs and loading the remaining copper inserts. PFP cost savings and impacts continue to be evaluated. Cost impacts for the 200 West Pump and Treat System are being addressed, as are cost impacts of additional soil contamination identified.

Cumulative Schedule Variance: The Cumulative Schedule Variance (-$2.6M) is within reporting thresholds for all PBS's.

Cumulative Cost Variance: The Cumulative Cost Variance (+$35.0M) is within reporting thresholds and consists of favorable and unfavorable cost variances in direct projects (+$13.1M) and prior year G&A/DD/PSD distribution variances (+21.9M).

Impact:

Current Period Schedule: For PBS RL-11, schedule performance declined this period. Overall, no significant impacts by PBS have been identified.

Current Period Cost: For PBS RL-11, cost performance declined this period. Overall, no significant impacts by PBS have been identified.

CTD Schedule: For PBS RL-11, KPP - Given the schedule impacts to date and the remaining time to recover, the PFP project will continue working four fieldwork teams until the completion of the KPP glovebox work scope is completed in May 2014. ARRA funds will be available through September 30, 2012. The majority of the KPP-associated scope is expected to complete on or before May 2014. Continuation of the four teams in RMA/RMC will allow in-situ size reduction of gloveboxes to complete as planned in May 2014, and is incorporated into the FY2013 PMB Update. Base - Delayed reassignment of D&D field teams is pushing completion of follow-on work, causing closeout activities to slip beyond baseline completion. The top ten critical float paths contain activities associated with 291-Z-001 Stack demolition; D&D 234-5Z backside rooms; D&D RMA/RMC lines; 234-5Z duct and filter removal, process vacuum removal, and process support equipment removal; size reduction of 242-Z and 236-Z (PRF) MT gloveboxes; PRF canyon cleaning; and demolition of facilities. The FY2013 PMB Update reflects an approximate six-month delay to PFP closeout. Delays due to reduced funding and opportunities, based on implementation of breakthrough initiatives, have been incorporated into the FY2013 PMB Update. Completion of TPA Milestones is forecast to occur prior to the due dates. TPA Milestone M-083-24, Submit S&M Plan Pursuant to Agreement Section 8.5.4 Due: June 30, 2012 Completed May 24, 2012. TPA Milestone M-083-44, Complete Transition of 234-5Z&ZA/243-Z/291-Z & 291-Z-1 Facilities. Due: September 30, 2015 Forecast: August 13, 2015. TPA Milestone M-083-00A, Complete PFP Facility Transition and Selected Disposition Activities. Due: September 30, 2016 Forecast: May 31, 2016. For RL-12, no significant impact. No schedule impacts for RL-13. For RL-30, the variance better reflects work completed to date. For RL-40 CTD schedule variance is within threshold and there is no significant impact. RL-41 has no significant impacts. For RL-42, the schedule variance is within threshold and has no significant impact.

CTD Cost: For PBS RL-11, an over-run at completion is forecast, primarily due to prior years' unrecoverable cost variance. The FY2012 cost impacts cannot be recovered and the FYTD trend has been factored into the forecast. Cost savings or cost impact, resulting from schedule impacts discussed above, have been incorporated into the FY2013 PMB Update. The EAC does not include the cost of extending support staff as a result of funding reductions in FY2013 and FY2014. For RL-12, no significant impact. For RL-13, an under run at completion is forecast, based on efficiencies experienced and expected to continue. For RL-30, no significant impact. For RL-40, an under run at completion is forecast, primarily due to CTD efficiencies. For RL-41, the cost variance is within threshold and has no significant impact. For RL-42, the cost variance is within threshold and an under run at completion is projected, based on the CTD variance, offset by roof repair expected later this fiscal year.

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

Corrective Action:

Current Period Schedule: For PBS RL-11, and RL-41, see CTD Schedule. No other corrective actions required.

Current Period Cost: For PBS RL-11, see CTD Cost. For RL-12, no corrective actions required. For RL-41 D&D, current cost variances are covered by efficiencies in other D&D areas. O-Zone Waste Site remediation current cost variances are favorable; no corrective action required. Cost overruns are being managed and actions are being taken to funds manage cost overruns and underruns. No other corrective actions required.

CTD Schedule: For PBS RL-11, the following corrective actions are in place. No other specific corrective actions are planned at this time.

1. BCR-PRC-12-016R0, "FY2013 Annual PMB Update," will be implemented in Sep-2012, and will increase budget to extend the PFP Closure Project as a result of funding reductions in FY2013 and FY2014. 2. Overtime is being used for specific priority work scope to recover schedule slippage. 3. Two process vacuum line teams will be fully staffed in Oct-2012, which will accelerate 26" process vacuum removal and result in more timely size reduction of removed piping. RL-41 has implemented a BCR to address additional soil contamination (realized risk). Schedule recovery actions are being explored to recover the D&D structure demolition and waste site remediation schedule activities where they can to offset where other demolition and remediation activities have been delayed.

CTD Cost: For PBS RL-11, other than actions discussed above, no specific corrective actions are planned at this time. For RL-30, Cost overruns for the 200 West Pump and Treat System are being addressed and additional funding will be identified as required. For RL-41, change requests and REAs are being prepared to address additional soil contamination efforts not priced in the original contract. No corrective actions are required for D&D.

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

The Current Month favorable Schedule Variance is primarily due to early completion of Knock-Out Pot Processing System activities in RL-12, and completing work on KE Sedimentation Basin in RL -41. In addition, Waste Site backfill is near completion as well as remediation of Area AG and RL-0041. Cumulative schedule variance is within reporting thresholds. Impact to the PFP schedule has been addressed and corrective actions are in place. Impact of additional soil contamination (realized risk) is being addressed and D&D structure demolition and waste site remediation schedule recovery actions are being explored. No other significant impacts have been identified and no other corrective actions are required.

The Current Month favorable Cost Variance is primarily due to less remediation being required than planned for both Waste Site Areas AG and AH. In addition, based on the sampling results for the KE Sedimentation Basin, less demolition was required than planned and efficiencies with Annex Construction Management resources, efficiencies realized in completing KPS processing of MCOs and loading the remaining copper inserts. Cumulative cost variance is within reporting thresholds. PFP cost savings and impacts continue to be evaluated. Cost impacts for the 200 West Pump and Treat System are being addressed as are cost impacts of additional soil contamination not priced in the original contract. No other significant impacts have been identified and no other corrective actions are required.

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

Variance in Performance BAC and EAC: The variance at complete (VAC) between the BAC and EAC this month is a positive $46.2 million and +0.8%. This variance is within threshold for the Project. The VACs for each project baseline summary (PBS) are also within the threshold limit. For information, the VAC threshold limit is +or- 5% and +or- $15 million.

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

Base & ARRA

CPs - In Process		
	Total Authorized Unpriced Work	**$24,850,480**
Approved Adjustments to Contract Price (not reflected in B.4-1 Table)		
	Total Negotiated Cost Changes	**-**
	Grand Total Adjustments	**$24,850,480**

Use of Management Reserve (MR):

Management Reserve Utilization

BCR Number	Title	Fiscal Year	MR (ARRA) & PBS	MR (Base) & PBS
BCR-011-12-005R0	*Transfer Contingent ARRA Scope to Base*	2012	N/A	-$28.3K
Overall MR Change in August 2012 decreased -$28,3K				

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 identified risks realized). The worst EAC is the BAC reported this month plus the to-go (available) management reserve, which assumes all efficiencies gained contract-to-date will be eroded at completion and all available management reserve is used (e.g., all identified risks realized). The Best/Worst and Most Likely EAC values are documented in the Format 1 Report.

Prepared by:	**Date:**	**Approved by:**	**Date:**
Project Control Staff	9/20/2012		

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

Appendix A-1

Contract Performance Reports

ARRA

Format 1 - Work Breakdown Structure

Format 3 - Baseline

Format 5 - Explanation and Problem Analysis

CH2MHILL
Plateau Remediation Company

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

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

CLASSIFICATION (When Filled In)

CONTRACT PERFORMANCE REPORT
FORMAT 1 - WORK BREAKDOWN STRUCTURE

DOLLARS IN Thousands of $

FORM APPROVED
OMB No. 0704-0188

1. CONTRACTOR	2. CONTRACT		3. PROGRAM	4. REPORT PERIOD
a. NAME CH2M HILL Plateau Remediation Company	a. NAME Plateau Remediation Contract		a. NAME Plateau Remediation Contract	a. FROM (YYYYMMDD) 2012 / 07 / 23
b. LOCATION (Address and ZIP Code) Richland, WA	b. NUMBER RL14788		b. PHASE	b. TO (YYYYMMDD) 2012 / 08 / 26
	c. TYPE CPAF	d. SHARE RATIO	c. EVMS ACCEPTANCE NO YES X 9/18/2009	

5. CONTRACT DATA

a. QUANTITY	b. NEGOTIATED COST	c. ESTIMATED COST OF AUTHORIZED UNPRICED WORK	d. TARGET PROFIT/ FEE	e. TARGET PRICE	f. ESTIMATED PRICE	g. CONTRACT CEILING	h. ESTIMATED CONTRACT CEILING	i. DATE OF OTB/OTS (YYYYMMDD)
	1,307,044	0	72,471	1,379,515	1,377,286	1,379,515	1,377,286	

6. ESTIMATED COST AT COMPLETION

7. AUTHORIZED CONTRACTOR REPRESENTATIVE

a. NAME (Last, First, Middle Initial): Bang, M.V.
b. TITLE: Prime Contract Manager
c. SIGNATURE
d. DATE SIGNED (YYYYMMDD): 2012 / 08 / 26

	MANAGEMENT ESTIMATE AT COMPLETION (1)	CONTRACT BUDGET BASE (2)	VARIANCE (3)
a. BEST CASE	1,304,814		
b. WORST CASE	1,323,065		
c. MOST LIKELY	1,304,814	1,307,044	2,230

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)
RL-0011.R1 PFP D&D	0	509	2,088	509	(1,580)	288,640	285,605	296,798	(3,035)	(11,193)	0	0	0	288,640	297,659	(9,019)
RL-0013C.R1.1 MLLW Treatment	(1,430)	(1,430)	(1,592)	0	161	46,277	46,277	41,100	(0)	5,176	0	0	0	46,277	41,369	4,908
RL-0013C.R1.2 TRU Waste	(1,081)	(1,081)	(1,468)	0	387	254,231	254,231	251,760	(0)	2,471	0	0	0	254,231	251,768	2,463
RL-0013C.R1.3 TRU Wst Facil Trans MinSafe	0	0	(35)	0	35	1,500	1,500	1,497	0	3	0	0	0	1,500	1,497	3
RL-0030.R1.1 GW Capital Asset	0	0	(39)	0	39	175,008	175,008	174,803	0	205	0	0	0	175,008	174,803	205
RL-0030.R1.2 GW Operations	0	0	0	0	(0)	92,146	92,146	89,507	(0)	2,639	0	0	0	92,146	89,507	2,639
RL-0040.R1.1 U Plant/Other D&D	0	0	(3)	0	3	199,391	199,391	193,629	(0)	5,762	0	0	0	199,391	193,629	5,762
RL-0040.R1.2 Outer Zone D&D	0	0	0	0	0	84,279	84,279	71,648	0	12,631	0	0	0	84,279	71,648	12,631
ARRA RL-0040.R1.4 Asbestos Abatement	698	407	566	(291)	(159)	1,266	1,469	1,096	203	373	0	0	0	1,845	1,631	214
RL-0041.R1.1 100 K Area Remediation	281	852	458	571	394	179,479	179,452	181,317	(27)	(1,865)	0	0	0	179,749	181,304	(1,555)
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														0	0	0
e. Sub Total	(1,532)	(743)	(25)	788	(719)	1,322,215	1,319,357	1,303,155	(2,859)	16,202	0	0	0	1,323,065	1,304,814	18,250
f. Management Resrv.														0		
g. Total	(1,532)	(743)	(25)	788	(719)	1,322,215	1,319,357	1,303,155	(2,859)	16,202	0	0	0	1,323,065		
9. Reconciliation to CBB																
a. Variance Adjustment									0	0						
b. Total Contract Variance									(2,859)	16,202				1,323,065	1,304,814	18,250

FORMAT 3, DD FORM 2734/3, BASELINE

August 2012 - ARRA	CONTRACT PERFORMANCE REPORT FORMAT 3 - BASELINE	DOLLARS IN THOUSANDS	Form Approved OMB No. 0704-0188
1. CONTRACTOR CH2M HILL Plateau Remediation Company b. LOCATION: Richland, WA	2. CONTRACT a. NAME: Plateau Remediation Contract b. NUMBER: RL14788 c. TYPE: CPAF d. SHARE RATIO:	3. PROGRAM a. NAME: Plateau Remediation Contract b. PHASE c. EVMS ACCEPTANCE NO YES X 9/18/2009	4. REPORT PERIOD a. FROM: 2012/07/23 b. TO: 2012/08/26

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)
0	$1,307,044	$1,307,044	$0	$1,307,044	$1,323,065	($16,020)

h. CONTRACT START DATE	i. DEFINITIZATION DATE	j. PLANNED COMPL DATE	k. CONT COMPLETION DATE	l. EST COMPLETION DATE
4/9/2009		9/30/2012		9/30/2012

6. PERFORMANCE DATA — BUDGETED COST FOR WORK SCHEDULED (NON - CUMULATIVE)

ITEM	BCWS CUM TO DATE	BCWS FOR REPORT PERIOD	SIX MONTH FORECAST +1 Sep-12	+2 Oct-12	+3 Nov-12	+4 Dec-12	+5 Jan-12	6+ Feb-13	FY09	FY10	FY11	FY12	OUT YEARS	UNDISTRIB BUDGET	TOTAL BUDGET
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
a. PM BASELINE															
(BEGIN OF PERIOD)	**1,323,747**	**(389)**	**849**	**0**	**0**	**0**	**0**	**0**	**161,538**	**565,906**	**585,572**	**12,559**	**0**	**0**	**1,325,575**
b. BASELINE CHANGES AUTH DURING REPORT PERIOD															
BCR-013-12-005R0 - Transfer Contingent ARRA Scope to Base												(2,511)			**(2,511)**
c. PM BASELINE (END OF PERIOD)	**(1,322,215)**	**(1,532)**	**849**	**0**	**0**	**0**	**0**	**0**	**161,538**	**565,906**	**585,572**	**10,048**	**0**	**0**	**1,323,065**
7. MANAGEMENT RESERVE															**0**
8. TOTAL															**1,323,065**

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) 2012/07/23
b. LOCATION (Address and ZIP Code) Richland, WA 99354	b. NUMBER RL		b. PHASE ARRA	b. TO (YYYY/MM/DD) 2012/08/26
	c. TYPE CPAF	d. SHARE RATIO	c. EVMS ACCEPTANCE 2009/09/18 NO YES X	

	BCWS	BCWP	ACWP	SV in $	SV in %	CV in $	CV %	SPI	CPI
Current:	-1,532	-743	-25	788	-51.5%	(719)	96.7%	0.49	30.21
Cumulative:	1,322,215	1,319,357	1,303,155	(2,859)	-0.2%	16,202	1.2%	1.00	1.01
	BAC	EAC	VAC in $	VAC in %	CPI to BAC	CPI to EAC			
At Complete:	1,323,065	1,304,814	18,250	1.4%	0.2	2.2			

Explanation of Variance/Description of Problem:

Current Period Schedule Variance: The Current Month favorable Schedule Variance (+$0.8M) reflects the following:

The RL-0011 positive variance (+$0.5M) is due to progress earned on scope scheduled to be complete in prior periods. The RL-0040 negative variance (-$0.3M) is due to planned work completed in prior period. The RL-0041 positive variance (+$0.6M) is due to the backfilling In Area AA, AG and AH nearing completion. This will be complete by the end of the fiscal year.

Current Period Cost Variance: The Current Month unfavorable Cost Variance (-$0.7M) reflects:

RL-0011 negative variance (-$1.6M) resulting from KPP-related glovebox removal actual costs continuing under ARRA funding through FY 2012, while progress is earned on incomplete ARRA-funded activities, as well as any Base-funded activities scheduled to start July 2012. Also contributing to the variance is the cost of D&D teams during non-productive events, disposal cost of gloveboxes removed (and earned) in prior period, and higher use of overtime to mitigate schedule impacts. Offset by the RL-0013 positive variance (+$0.6M) which is due to a BCR that being processed to transfer scope and associated cost from ARRA to Base to accommodate ARRA closeout.

Cumulative Schedule Variance: The Cumulative Schedule Variance (-$2.9M) is within reporting thresholds.

Cumulative Cost Variance: The Cumulative Cost Variance (+$16.2M) is within reporting thresholds.

Impact:

Current Period Schedule: For RL-11R.1, and RL-41.R1.1, see CTD below.

Current Period Cost: For RL-11.R1, see CTD below.

CTD Schedule: For RL-11.R.1, KPP - Given the schedule impacts to date and the remaining time to recover, the PFP project will continue working four fieldwork teams until the completion of the KPP glovebox work scope is completed in May 2014. ARRA funds will be available through September 30, 2012. The majority of the KPP-associated scope is expected to complete on or before May 2014. Continuation of the four teams in RMA/RMC will allow in-situ size reduction of gloveboxes to complete as planned in May 2014 and is incorporated into the FY2013 PMB Update. For RL-41.R1.1 schedule will be monitored. No other significant impacts identified.

CTD Cost: For RL-11.R1, the VAC reflects total expenditure of ARRA funds in June 2012. No significant impacts identified.

Corrective Action:

Current Period Schedule: For RL-11.R.1, and RL-41.R1.1, see CTD Schedule. No other corrective actions are required at this time.

Current Period Cost: No corrective actions are planned.

CTD Schedule: For RL-11.R1, Major initiatives are being tracked in the field executions schedule; therefore, this action is marked CLOSED. For RL-41.R1.1 has implemented a baseline change request (BCR) to address additional soil contamination (realized risk). Schedule recovery actions are being evaluated to recover the D&D structure demolition and waste site remediation schedule activities where they can to offset where other demolition and remediation activities have been delayed. No other corrective actions required.

CTD Cost: No corrective actions are required at this time.

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

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

All ARRA Subproject's cumulative to date cost and schedule variances are within reporting thresholds except for RL-13C.R1.1 MLLW Treatment, and RL-40.R1.2 Outer Zone D&D which have favorable cost variances of 11.2% and 15% respectively. The RL-13C.R1.1 variance is due to a BCR that being processed to transfer scope and associated cost from ARRA to Base to accommodate ARRA closeout. The RL-40.R.1.4 variance is the result of a delay in transferring all of the incurred cost for the new ARRA Asbestos Abatement subproject. Overall, the current period schedule variance is favorable and the unfavorable cost variance is largely attributed to PFP. Impacts and corrective actions are noted for RL-11.R.1, and RL-41.R1.1.

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 positive $18.3 million and 1.4%. This variance is within threshold for the Project. For information, the VAC threshold limit is +or- 5% and +or- $15 million.

Format 1 and 3 Contract Data:

Contract Price Adjustments

ARRA ONLY

CPs - In Process		
	Total Authorized Unpriced Work	**-**
Approved Adjustments to Contract Price (not reflected in B.4-1 Table)		
	Total Negotiated Cost Changes	**0**
	Grand Total Adjustments	**0**

Use of Management Reserve: ARRA MR was unchanged ($0.0) in August 2012.

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

Prepared by:	**Date:**	**Approved by:**	**Date:**
Project Control Staff	8/20/2012		

(1) = Trench Face Process System; (2) = Trench Face Retrieval & Characterization System; (3) = Remove, Treat and Dispose; (4) = Confirmatory Sampling/No Action; (5) Project Specific Distributables Rewards & Recognition Program; (6) Defense Contract Audit Agency

Appendix B
Project Services and Support
(WBS 000)

CH2MHILL
Plateau Remediation Company

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

K. A. Dorr
Vice President for
Engineering, Projects
and Construction

M. N. Jaraysi
Vice President for
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and Strategic Planning

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

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

August 2012
CHPRC-2012-08, 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
11-EMS-D&D-OB2-T1	Minimize dispersal of radioactive sludge to the environment during basin demolition.	Identify methods for minimizing and immobilizing residual sludge left in basin floor, pits, and debris during basin demolition.	12/31/2011	Complete
12-EMS-DWF&RS-OB1-T1	Reduce generation and/or toxicity of waste at the source by using biological spill treatment.	Evaluate products, identify opportunities for use	9/30/12	Complete
12-EMS-DWF&RS-OB2-T1	Reduce generation and/or toxicity of waste at the source by using biological spill treatment.	Improve spill prevention techniques, procedures, and surveillances.	9/30/12	Complete
12-EMS-ADMIN-OB1-T1	Maximize the acquisition and use of environmentally preferable products.	Work with P-Card holders in 2420 Stevens Center Place to ensure 90% of all office supplies procured from PSS in 3rd and 4th quarter FY12 are recycled or biobased products, or have a justified exclusion.	10/5/12	On Schedule.
12-EMS-ADMIN-OB2-T1	Reduce the generation of waste at the source and depletion of environmental resources through post-consumer material recycling.	Implement zero waste practices at one CHPRC company events. Tally weight of food waste; aluminum, plastic, cardboard, and trash to establish first attempt baselines for CHPRC events.	9/15/12	Complete.
12-EMS-ADMIN-OB3-T1	Reduce depletion of environmental resources through post-consumer material recycling.	Consolidate all excess furniture, equipment, and office supplies from vacated buildings and reintroduce materials into the supply chain.	9/30/12	On Schedule.

Objective #	Objective	Target	Due Date	Status
12-EMS-EPC-OB1-T1	Maximize the acquisition and use of environmentally preferable products in the conduct of operations.	A bag of Nature's Broom Absorbent will be stationed at the 2610E Building and when a spill occurs, the Nature's Broom Absorbent will be used to absorb the spill. Following the use, an assessment will be made of the product's viability as an adequate substitute for the Balcones Minerals Corporation Absorb-n-Dry All Purpose Absorbent Clay.	9/30/12	On Schedule.
12-EMS-EPC-OB1-T2	Reduce depletion of environmental resources through post-consumer material recycling.	America's Choice Motor Oil, a Bio-preferred product is 100% re-refined motor oil. The America's Choice Motor Oil will be substituted for Chevron Delo 400 in an EPC piece of equipment or machinery. An assessment will be made of the product's viability as an adequate substitute for Chevron Delo 400 motor oil.	9/30/12	On Schedule.
12-EMS-PFP-OB1-T1	Reduce the generation and/or toxicity of waste at the source through spill reduction.	Reduce the likelihood of spills	7/30/2012	Complete
12-EMS-PFP-OB2-T1	Reduce vehicle miles travelled through the use of mass transit.	Request Ben Franklin Transit bus service to 200Area/PFP.	11/24/2011	Complete
12-EMS-PFP-OB3-T1	Reduce radioactive air emissions potential associated with open air demolition of 236Z.	Decontamination of 236Z.	8/31/2012	Complete
10-EMS-SGWR-OB2-T1	Construct new 200W ZP-1 Pump and Treat	Complete construction	12/31/11	Complete
12-EMS-SGWR-OB1-T1	Reduce the release of toxic and/or hazardous material.	Treat 1 billion gallons of groundwater from all sources in FY 12.	9/30/12	Complete

TARGET ZERO PERFORMANCE

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

KEY ACCOMPLISHMENTS

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

- Project Services and Support functional activities continue to provide support and technical services to all CHPRC projects as well as central management of cross-cutting services. As of August, the PRC Functional Program organizations continue with no Total Recordable Injuries, have accumulated over 1,681,057 person hours worked without a recordable injury (two years and 2 months), and over 2,885,086 person hours worked (over 3 years and 11 months) without a DART case.
  - o Occupational Safety and Industrial Hygiene (OS&IH) accomplishments:
    - Continued support of site-wide standards committees and site-wide steering committees, including an initiative on the development of the site-wide Hanford Site Workers Eligibility Tool (HSWET), a Chemical Inventory Tracking System (CITS), and the development of training materials for the new Global Harmonization System (GHS).
    - Continued progress with the corrective action plan (CAP) associated with the CHPRC (and multi-contractor) Beryllium (Be) Characterization Project.
    - Supported Plutonium Finishing Plant (PFP) development and implementation of the new Hanford Site Beryllium Work Permit (BWP) and Beryllium Hazard Assessments for facility operations.
    - Incorporated CH2M Hill Policy 205 on cell phone usage into CHPRC documents and communicated the policy to the workforce.
    - Started preparations to roll out the new Site-wide Respiratory Protection Program, starting in October 2012.
    - Provided program support for the Nuclear Safety Performance Evaluation Board at PFP.
  - o Fire Protection accomplishments:
    - Completed hiring process for a new Fire Protection Engineer (FPE), responsible for Solid Waste Operations Complex (SWOC). The addition of the new FPE will complement the department's vision for excellence, providing the necessary expertise for fire and life safety.
    - Executed two separate contracts for completing revisions to Fire Hazard Analysis – 105KW updates and Sludge Treatment Plant Final Design.
    - Issued eight fire permits, completed 20 chemical reviews, four periodic fire loading

inspections at PFP (according to ZAP-000-029), four work site assessments, and 14 surveillances.

- Emergency Preparedness (EP) accomplishments:
  - Thirteen drills were performed in August, 11 were operational drills.
  - Submitted request for RL approval of 224B Emergency Planning Hazards Assessment.
  - Supported RL CHPRC Emergency Preparedness triennial assessment.
  - Continued management assessment of 100K/Decommissioning and Demolition (D&D), Waste Receiving and Packaging, and Plutonium Finishing Plant.
  - Continued working CHPRC EP Program Improvement Initiatives.
- Radiological Control accomplishments:
  - Completed update to Survey Simple (electronic survey report software) which incorporated several requested improvements.
  - Continue to support site-wide Radiological Control committees.
  - Supported site-wide initiative to transition Dosimetry and Radiological Exposure Records Services from the Pacific Northwest National Laboratory to the Mission Support Alliance, LLC.
  - Continued self-assessment of PFP contamination survey practices.
  - Initiated self-assessment of CHPRC Radiological Work Planning.
- Operations Program accomplishments:
  - Completed updates and issuance of the last set of Operations Programs procedures to support DOE O 422.1 implementation.
  - Assisted the Soil and Groundwater Remediation Project with development and submittal of their updated Conduct of Operations Implementation Matrix.
  - Assisting with the development of a procedure change simplification process and consistent procedure use criteria.
  - Continued to support Be CAP Work Control product development.
  - PRC Maintenance performance Indicators were presented to the Hanford Advisory Board. Feedback was very positive.
- Nuclear Safety deliverables prepared and transmitted to RL in August include:
  - Transportation Safety:
    - Email, dated July 16, 2012, *Agreement in Principle for the K-West Sludge Transportation from K-West to T Plant.*
    - Email, dated August 1, 2012, *DBGD Type 2 SPA: DBGD-SPA-100K-2012-001, R0 - UPR Site Preparation.*
    - Email, dated August 13, 2012, *Agreement in Principle for Settler Sludge Transportation from K West to T Plant*.
    - Email, dated July 30, 2012, *R SPA for T Plant Aerosol Cans: R-SPA-SWOC-2012-001, R0*.
  - Documented Safety Analysis:
    - Letter, CHPRC-1202189 R2, dated August 8, 2012, *Deferred Implementation of Final Hazard Categorization for 105-K East Reactor Building.*
    - Letter, CHPRC-1203114, dated August 10, 2012, *Transmittal of the 2012 Annual Unreviewed Safety Question for Transportation Determination Summary Report*.
    - Letter, CHPRC-1203457, dated August 24, 2012, *Transmittal of the Annual Update to the Documented Safety Analysis for the U Plant Facility, HNF-13829, Revision 5, and the Unreviewed Safety Question Determination Summary*.

- Letter, CHPRC-1203529, dated August 27, 2012, *CHPRC Transmittal of Page Change Revision to Justification for Continued Operation - Unanticipated Holdup Discovered in 291-Z.*

– Nuclear Safety deliverables received from RL in August include:
  - Email, dated August 8, 2012, *Agreement in Principle for the K-West Sludge Transportation from K-West to T Plant.*
  - Letter, 12-SED-0078, dated August 9, 2012, Request for an Updated Safety Evaluation Report (SER).
  - Email, dated August 10, 2012, *DBGD Type 2 SPA: DBGD-SPA-100K-2012-001, R0 - UPR Site Preparation*.
  - Letter, 12-SED-0081, dated August 15, 2012, Submittal of the 105-K West Basin Safety Basis Documents Revised for Construction and Maintenance Activities Near the Basin North Wall and the Outside Overflow Weirs.
  - Email, dated August 15, 2012, *Agreement in Principle for Settler Sludge Transportation from K West to T Plant*.
  - Letter, 12-SED-0083, dated August 28, 2012, *Transmittal of HNF-5356, Revision 14, Authorization Agreement (AA) for Selected 100-K Area Nuclear Facilities*.
  - Letter, 12-SED-0087, dated August 28, 2012, *Request for Approval of the Annual Update to HNF-37875 Reduction and Oxidation Facility (REDOX) Authorization Agreement (AA) Revision 4 Update*.
  - Email, dated August 30, 2012, *R SPA for T Plant Aerosol Cans: R-SPA-SWOC-2012-001, R0*.

o Contractor Oversight, Assurance & Reporting accomplishments:
  – Issues Management Forum/Trend Working Group met to discuss planned improvements, including:
    - Review of a draft Charter for the Trend Working Group to expand upon the expectations currently provided in PRC-PRO-QA-24741, *Performance Analysis Process*.
    - Publication of Facility Codes in CHPRC-QPA-2009-039, *Issues Management Trending Codes*. The projects requested these codes in order to more effectively trend their issues.
    - Development of a method for distinguishing and tracking self-revealing and self-identified issues. As a first step, an assignment was made to prepare a straw man definition for each.
  – Provided Lead Cause Analysis support to PFP for CR-2012-1994, *CGI Forms were Incomplete – Dedication Packages were not Consolidated*
  – Performed significance level and Price-Anderson Amendments Act (PAAA) screening for 323 CR submissions [compared with 377 for August 2011, the height of American Recovery and reinvestment Act (ARRA) activities].
  – Integrated Evaluation Plan (IEP) software FY2012 upgrades are in progress. These upgrades will integrate the management oversight program into the IEP.
  – Completed the CHPRC Radiation Protection Program (10CFR835) triennial assessment of Subpart G, "Posting and Labeling". (SHS&Q-2012-SURV-10691)
  – Submitted the Quarterly Startup Notification Report (QSNR) to RL on August 23, 2012 for approval. There were no new activities identified.
  – Initiated actions to update the tracking of Safety Management Program Key Attribute/Lines of Inquiry completion due to the significant changes in CHPRC organizational structure.
  – Continued 2013 annual assessment schedule development working with Projects and Functional organizations.

- Completed a review of the CHPRC prime contract and updated the list of contract "required" assessments for use in validating the FY2013 IEP input.
- Initiated the CHPRC Radiation Protection Program 10 CFR 835 triennial assessment of Subparts A & B, "Organization and Administration" (SHS&Q-2012-SURV-10690).
- Completed evaluation of five Management Assessments conducted during August and provided feedback to the assessors and responsible managers to help improve the quality of future activities.
- Supported the joint RL and contractor evaluation of safety culture.

o Quality Assurance accomplishments:
- With the support of Quality Systems, the first draft of the DOE-Headquarters Suspect/Counterfeit Resource Manual is now out for limited comment. This effort is being accomplished through the Energy Facility Contractors Group.
- The first class of the Aiken Technical College Quality Engineer associates degree course will start with the fall semester. CHPRC QA has been a member of the course development committee since its inception in June 2011.
- Continued to provided Quality Assurance and Quality Control support for Knock-Out Pot material processing.
- Developed and issued the Quality Systems FY2013 assessment plan.

- Status of SHS&Q Focus Areas:
  - **Issue:** Beryllium program assessment findings from U. S. Department of Energy, Headquarters, Office of Safety, Health and Security Independent Oversight Inspection report.
    Status: Development of Beryllium Corrective Action Plan (CAP) products.
    Action: Implementing CHPRC actions and supporting site-wide actions per the approved CAP. Beryllium work permit implementation is occurring in PFP.
  - **Issue:** Issuance of new DOE O 458.1, *Radiation Protection of the Public and the Environment,* without implementation guide.
    Status: Completed implementation of DOE O 458.1.
  - **Issue:** Asbestos Employee Concern.
    Status: Site wide actions underway. Short and mid-term actions are complete. Steamline asbestos work is underway.
    Action: Developed follow on actions from August 7-8, EPA asbestos inspection. Developing asbestos risk evaluation report completed. Awaiting final EPA inspection report.

Environmental Program and Strategic Planning (EP&SP)

Environmental Management System

- **DOE 2012 Sustainability Awards:** CHPRC was recognized for Two Best in Class and Three Honorable Mention awards in EM's Sustainability 2012 Program.
  - The Best-in-Class Awards were for Preparing the U Canyon for Demo and Barrier Construction and Next Generation Retrieval.
  - The Honorable Mention Awards were for Stockpile Material Used as Backfill, Rail Car Preserved for Public Display and Pump and Treat Process Improvement.
- All FY2012 Targets are on schedule. The development of FY2013 Targets and Objectives is nearly complete.
- The EMS registration certificate was received August 3, 2012. CHPRC is now a certified ISO 14001 EMS system.

Environmental Protection

- **Potential Compliance Item Status**
  - **Support to RL on Compliance Issues:** EP&SP staff assisted RL on an Ecology Notice of Non-Compliance for a Treatment, Storage and/or Disposal unit they hold for 183H Solar Basins. A schedule to discuss ground water monitoring was established to resolve this issue, RL received a Notice of Violation from EPA for overdue comments on a 300 Area RI/FS TPA Commitment. Timeline information was provided to RL on this item.
  - **ETF Powder:** EPA provided an opinion that some ETF powder residue sent to ERDF since 2007 may not meet LDR requirements. Discussions are underway with EPA and Ecology on this issue. In the interim, the ETF processing has been changed to separate incoming liquid streams.
  - **Asbestos:** CHPRC continues to support RL on asbestos management issues. An EPA team toured the Hanford site August 7-9, 2012 and expressed some concerns over the number of ACM transite chips found near some D&D areas, and that a bag of possible ACM and soil may not have been adequately wet.
  - **Central Waste Complex Box 231ZDR-11:** No response from Ecology on the Concrete Box Structural Integrity Assessment Plan report submittal.
  - **EPA NEIC Audit:** RL provided EPA a series of submittals on the current RCRA permit, including CHPRC units. It is expected that EPA will proceed with enforcement on permit processes required by Ecology over the past 12 years.
- **RCRA Draft Permit:** CHPRC staff created over 3,000 comments on the RCRA permit that is out for public comment. After consolidation, about 1,200 written comments were provided to RL on draft permit issues. CHPRC also supported RL by attending statewide Public Hearings on the permit.

Business Services

Acquisition Planning

- Presented the long range acquisition plan, supporting company small business goals to the Projects.

Facilities

- The FY2012 Physical Inventory of Sensitive Property is in the final stages of completing field work. A total of 4,750 items valued at $7.2M are being inventoried. At month end, 4,704 or 99.03% of the items have been inventoried. The inventory will close on September 21 and results will be published by September 30.
- An occupancy consolidation of Engineering, Projects and Construction (EPC) personnel was completed, allowing the transfer of a five-wide mobile office to Washington Closure Hanford (WCH) for beneficial reuse in the 300 Area.
- An agreement was reached with Washington River Protection Solutions (WRPS) for their occupancy in the first floor of 2420 Stevens Center Place. CHPRC's Human Resources, Industrial Relations, Employee Concerns, and Estimating groups will move to the second floor.

Procurement

- For the month of August 2012, the Procurement group awarded 43 new contracts with a total value of $9.9M, amended 177 existing contracts with a total value of $4.6M, for a grand total of $14.6M. Additionally, awarded 377 new material Purchase Orders valued at $2.5M to support ongoing project objectives.
- At the end of the first 47 months, procurement volume has been significant; $1.94B in contract activity has been recorded with approximately 49% or $957M in awards to small businesses. ARRA

funded activity totals $757M of the grand total volume. This includes 5,872 contract releases, 13,577 purchase orders, and 202,761 P-Card transactions.

- As a result of the customer survey results falling below the Balanced Scorecard goal in FY2011, the CHPRC Procurement team substantially increased its focus as an organization, on improving customer service. By implementing periodic buyer visits to the field, Procurement increased our visibility and approachability in working with Procurement customers. Additionally, customer service focused, round table discussions have and continue to provide buyers the opportunity to share success stories, concepts, thoughts and ideas regarding the continual improvement of Procurement customer service. The success of these efforts has been reflected in the improved results of the annual Procurement customer survey completed in August. As a result, in FY2012 the customer survey results for Procurement increased by 11% over FY2011 to a 97% acceptable response level.

Information Technology &Services

- Completed conversions on 51 of the 63 CHPRC websites to the new template design and updating of content. Remaining websites have been initiated.
- In process of building new external CHPRC website on Hanford.gov and transitioning the current external Supply Chain website onto the new location.

PRC Procedures System (PPS)

- Completed phase 1 development and phase 2 requirements definition. Phase 1 testing and phase 2 development are currently underway. PPS deployment is currently planned for January 2013.
- Completed transition from government cellular phones to Personally Owned Device (POD) and stipend programs on August 15, 2012 as planned.
- Conversion of 3,534 WIDS Data Packages from paper to electronic records is 97% complete. EQA completed 10% QC effort to validate Phase 17 & 18; recycled 8 cubic feet. Remaining 37 packages are being reviewed by WIDS group for missing references.
- Completed implementation of the 200W Records Processing Center at MO-287 for managing, processing, and electronic conversion of CHPRC generated record material.
- Relocated drawing and work package scanning processes/personnel from the Federal Building to the 200 area. This will improve processing time, electronic access, and reduce transportation costs.
- 200 West Pump & Treat Project document and file migration to the Integrated Document Management System (IDMS) and the Document Management & Control System (DMCS):
    1. Over 120,000 electronic records loaded to IDMS, with another load anticipated.
    2. Over 500 drawings loaded into DMCS with automated indexing.
    3. Two outstanding Facility Modification Packages (FMPs) anticipated for DMCS.
- Ninety-four boxes (94.0 cubic feet) of miscellaneous Radiological Control records (backlog) has been retrieved from the field and are being prepared for scanning or disposition to Records Holding Area (RHA), as applicable. An additional 40 boxes of Radiological Survey Reports (RSRs) have been sent for Virtual Scanning.
- Requested CHPRC Projects to assess the need for 26 Controlled Print Files (hard copy drawings & associated change documents) at various locations managed by LMSI. Implemented DMCS electronic access and closed eight (8) Controlled Print Files with an estimated 13,232 drawings & change documentation shredded and equipment excessed, eliminating office space and document control needs.

Prime Contract and Project Integration (PC&PI)

- In August, Prime Contracts received and processed seven Contract Modification (numbers 229, 234, 235, 236, 237, 238, and 239) from RL. The Correspondence Review Team reviewed and determined the distribution for 32 incoming letters and the Prime Contracts Manager reviewed 32 outgoing correspondence packages.
- During August, Contract Compliance & Change Management supported the bilateral definitization of Change Order #113, *Removal of Structural Assessment of the 216-Z-9 Cover Slab and Lessons Learned Report for D&D of 216-Z-9 Work Scope*, and Change Order #174, *Assume Landlord Responsibilities for Surplus 200 Areas Steam Lines*. With the definitization of Change Order #174, which was negotiated within the 180 day DOE Headquarters' tracking metric, CHPRC has no open Change Orders subject to the metric.
- The Estimating group provided project support as follows:
  - DWF&RS Project:
    - Completed work on an evaluation of WCH practices and cost collection for waste site remediation in support of determining if WCH historical cost might be utilized by CHPRC to provide an improved basis for CHPRC waste site remediation cost estimates and Change Proposals. The evaluation determined that while some WCH data might be utilized, differences in scope and execution practices between the two contractors limit the data that might be used.
    - Provided a Rough Order Magnitude estimate to accompany a conceptual study that is intended to define a disposition path for the German Logs waste, which emanated from the 324 Laboratory and are presently stored in the Central Waste Complex.
  - Sludge Treatment Project:
    - Continued to support the project while working with RL on resolving the path forward for prospective Change Order #186, 105KW Garnet Filter Media Disposition, dealing with the removal and disposal of Garnet Filter Media.
    - Developed a number of Fair Cost estimates that will be utilized by the project and CHPRC Procurement to disposition the cost of changes submitted by Federal Engineers and Constructors, the Subcontractor who was awarded the construction contract for the Sludge Annex.
    - Developed several estimates in support of the Performance Management Baseline (PMB) submittal that will provide additional planning detail for work associated with in-basin (K West Basin) construction, K West Basin Operations, and K West Sand Filter disposition.
  - Plutonium Finishing Plant Closure Project:
    - At the request of the project, Estimating performed a review of PFP D&D planning in an effort to identify opportunities for planning optimization to improve the probability of successfully meeting the PFP 2016 slab-on-grade objective. Efforts on this task continue.
  - Soil and Groundwater Remediation Project
    - Supported the Project's effort to work with RL and PNNL to define the scope of prospective Change Order #190, 6*22S Lysimeter Test Facility*. This prospective Change Order was received on August 9, 2012 with a response requested in 30 days. CHPRC sent a letter to RL on August 20, 2012 documenting the need for further scope definition and that the requested 30 day response time cannot be met. CHPRC continues to meet with RL and PNNL representatives in an attempt to facilitate definition and agreement on the scope of the Change Order.

  - Developed several Planning Package estimates in support of the PMB September delivery that includes scope not specifically in the PMB for performance, but scope that RL has requested estimates to aid in budgetary planning. The work scope being addressed includes Pump and Treat modifications, well drilling, and documentation.

- Estimating continued work with the MSA and Babcock Services to improve the Timberline/COBRA estimate pricing and report generation process using automated data interfaces, and process improvement. The current process is user intensive with many steps, and presents opportunities for more efficient utilization of software. The task is planned to be completed by September 30, 2012.
- The FY2013 Annual PMB update was submitted to RL on August 2, 2012, including the eight Operations Activities Fiscal Year Work Plans. In addition, CHPRC personnel participated in meetings with RL on comment resolution and incorporation. The final document will be submitted in September for RL approval.
- CHPRC responded to and participated in an EVMS desktop surveillance, as conducted by Office of Acquisition and Project Management. Data was extracted from the PARS II database and evaluated for compliance with the ANSI standard. CHPRC is currently awaiting word on the surveillance results.
- PC&PI presented multiple sessions of required training to project control personnel and control account managers, emphasizing the need for accurate accrual identification, FY2013 start-up requirements and the need to segregate costs, as applicable. The trainings were well received and should prove beneficial in supporting the fiscal year closing.

Engineering, Projects and Construction (EPC)

- Central Engineering (CE) is chairing and providing subject matter expert reviews (Civil/Structural, Electrical, HVAC, C&Mechanical, Software QA, I) for the Sludge Treatment Project (STP) Engineered Container Retrieval and Transport System (ECRTS) Final Design Review. Comments are being dispositioned with the assigned Project leads and inputs are being provided to the Final Design Review Report. Once all comments have been dispositioned and design review inputs received, the information will be compiled into the STP ECRTS Final Design Review Report.
- CE continues to supporting Solid Waste Operation in the response to the issue raised by RL regarding the WESF structural concrete floor and walls possible degradation due to high radiation effect. A technical evaluation report (CHPRC-01858, Structural Evaluation of WESF Concrete Degradation Due To Radiation) was finalized and released. The report is being revised to address additional input.
- CE assisted WESF with review and input to the Root Cause Evaluation (RCE) Report for a misting fan shock event. CE will support presentation of the RCE materials to the CHPRC Executive Review Board.
- CE attended the National VPPPA Conference and presented a workshop titled “The Electrical Arc Flash and Shock Hazard Life Cycle”.
- CE made a site visit with T-Plant personnel to review ongoing efforts for fabricating and installing guards in stack monitoring cabinets. These guards are being installed to prevent inadvertent contact to employees’ while performing routine maintenance activities. These guards will be used to cover exposed circuit parts operating above 50 volts so non-qualified workers (RCTs) can work in these cabinets without escorts
- CE continues to work with PFP Engineering to resolve weld issues on the EF-3 exhaust fan impeller blade-to-flange plate connections. Recommendations regarding weld and base metal repair have been provided and incorporated into the overall approach for resolving the issues.

- CE completed draft short circuit calculations for the T-Plant complex, including buildings 2706-T, TA, TB, 221-T, 271-T and 291-T. The preliminary calculations have been provided to engineering personnel for review and verification of system model.
- CE is working with MSA and WRPS to prepare a site-wide visual weld inspection procedure to consolidate inspection activities into a single program. The new procedure is nearing completion and will be issued as part of the CHPRC Welding Manual.
- CE completed Work Site Assessment (WSA) EPC-2012-WSA-12002, Facility Testing, Surveillance, and Maintenance Procedures at PFP/D&D Organizations (SMP LOIs 10-1-1, 10-1-2, 10-2-1, 10-2-2, 10-2-4, and 10-2-5 for PFP and D&D).
- CE assisted Field Sample Operations in selection and installation of sound damping materials for the sampling vans used for soil and water sampling. A stop work was placed on the vans due to the sound levels (95 dB) inside the cab.
- CE supported the Soil & Groundwater, 200W Pump & Treat in providing Natural Phenomena Hazard design requirements interpretation.
- CE participated in the PFP Quarterly System Health Report review. Comments were provided to both the PFP Engineering organization and to PFP senior management.
- CE reviewed/commented on PFPs document requesting RL to concur with extending the performance period for HEPA filters installed in Filterbox FB-25. Concurrence was provided following comment incorporation.

Communications

Internal

- Produced two episodes of InSite, the biweekly news broadcast, including coverage of efficiencies in transportation on the Decommissioning, Waste, Fuels & Remediation Services project, the 200 West Pump and Treat celebration, and submittal of the Performance Measurement Baseline (PMB) annual update.
- Produced four issues of the Weekly Update, including manager messages from CHPRC President John Lehew, Vice President of Soil & Groundwater Remediation Bob Popielarczyk, Vice President of the Plutonium Finishing Plant Closure Project Jerry Long, and Prime Contract and Project Integration Vice President Rick Millikin.
- Held the fourth Annual All-Employee Family Picnic where employees spared more than half a ton of waste from ending up in a landfill. The picnic was planned as an environmentally friendly, zero waste picnic to implement the company's EMS and ISO 14001 ideals to reduce consumption, maximize recycling, and minimize waste.

Media

- Supported RL with media for the celebration event for the 200 West Pump and Treat beginning operations. The event was featured in the local print, television, posted to RL, and CH2M HILL social media sites.
- Completed construction of a viewing room with information displays in the 200 West Pump and Treat corridor.
- Demolition progress in the 100K Area was featured in the Tri-City Herald and the RL social media sites.
- CHPRC support to the Arc of Tri-Cities 18th Annual "Partner N Pals" event was featured in the Tri-City Herald and local television media. CHPRC employees helped organize the annual event for

special-needs youth.

- CHPRC Workforce Restructuring Actions were addressed in Tri-City Herald as fewer numbers than originally expected.

Public Involvement

- Provided CHPRC input for RL year-end agency update to the Hanford Advisory Board (HAB).
- Coordinated public comment process for the 200-UP-1 Proposed Plan. Received seven sets of comments.

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 (%)	Budget at Completion (BAC)
Indirect WBS 000 Total	**10.9**	**10.9**	**9.7**	**0.0**	**0.0%**	**1.1**	**10.5%**	**110.9**
Communications	0.1	0.1	0.1	0.0	0.0%	0.0	18.9%	1.2
Safety, Health, Security and Quality	1.2	1.2	1.1	0.0	0.0%	0.1	5.4%	12.1
Environmental Program and Strategic Planning	0.4	0.4	0.4	0.0	0.0%	0.0	7.2%	3.6
Business Services	7.9	7.9	7.1	0.0	0.0%	0.8	9.8%	80.7
Prime Contract and Project Integration	1.0	1.0	0.7	0.0	0.0%	0.3	28.7%	9.8
Engineering, Projects and Construction	0.4	0.4	0.4	0.0	0.0%	(0.0)	-5.0%	3.6

Numbers are rounded to the nearest $0.1M.

Indirect WBS 000

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

CM Cost Performance: (+$1.1M/10.5%)

The primary contributor to the Current Month positive variance is Business Services due to a partial Pension payment pending receipt of full funding from RL.

Contract-to-Date ($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)
Indirect WBS 000 Total	**450.1**	**450.1**	**421.7**	**0.0**	**0.0%**	**29.3**	**6.5%**	**1030.2**
Communications	8.1	810	7.4	0.0	0.0%	0.7	8.8%	14.8
Safety, Health, Security and Quality	65.2	65.2	70.0	0.0	0.0%	(4.8)	-7.3%	120.7
Environmental Program and Strategic Planning	13.5	13.5	13.3	0.0	0.0%	0.2	1.1%	30.3
Business Services	304.6	304.6	277.3	0.0	0.0%	27.2	8.9%	738.6
Prime Contract and Project Integration	37.3	37.3	31.6	0.0	0.0%	5.8	15.4%	83.9
Engineering, Projects and Construction	22.2	22.2	22.0	0.0	0.0%	0.1	0.6%	41.9

Numbers are rounded to the nearest $0.1M.

Indirect WBS 000

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

CTD Cost Performance: (+$29.3M/+6.5%)

In FY2009 through FY2011, the positive variance for PRC G&A and D&D activities (+22.4M) was distributed by weighted percentage to the Base and ARRA PBSs. Beginning in FY2012, Project Services and Support (PS&S) cost is being distributed via rates applied to total direct cost. The FY2012 G&A/DD Activities variance (+$6.9M) is due to a partial Pension payment pending receipt of full funding from RL.

Baseline Change Requests

None identified.

FY2012 G&A and DD Analysis ($M)

WBS 000 Project Services and Support	FYTD BCWS	FYTD Actual	FYTD Variance (O)/U	FY2012 BCWS	FY2012 Forecast	FY2012 Variance (O)/U
	FY2012					
Total	**100.5**	**93.6**	**6.9**	**110.9**	**103.8**	**7.1**
General & Administrative (G&A)	**63.5**	**58.7**	**4.8**	**70.1**	**65.1**	**5.0**
Communications	1.1	0.9	0.1	1.2	1.0	0.1
Safety, Health, Security and Quality	10.9	11.2	(0.2)	12.1	12.2	(0.1)
Prime Contract and Project Integration	8.8	6.5	2.3	9.8	7.2	2.6
Business Services	39.4	36.6	2.8	43.5	40.8	2.7
Engineering, Projects & Construction	3.3	3.5	(0.2)	3.6	3.9	(0.3)
Direct Distributables (DD)	**36.9**	**34.9**	**2.0**	**40.8**	**38.7**	**2.1**
Env. Program & Strategic Planning	3.3	3.5	(0.3)	3.6	3.9	(0.3)
Business Services: Retiree Insurance	5.8	3.3	2.5	6.4	3.8	2.5
Business Services: Pension Plan Contr.	27.9	28.1	(0.2)	30.8	31.0	(0.2)

	FYTD	FY2012
Total Distribution	**(91.1)**	**(101.4)**
Total Liquidation (Over)/Under	**2.6**	**2.4**
G&A Distribution	(57.2)	(64.0)
G&A Liquidation (Over)/Under	**1.5**	**1.1**
DD Distribution	(33.8)	(37.4)
DD Liquidation (Over)/Under	**1.1**	**1.3**

Liquidation Analysis

For FY2012, Project Services and Support (PS&S), is being distributed via rates applied to total direct cost. Fiscal year to date through August, application of the G&A and DD rates has under liquidated the PS&S accounts by a total of $2.6M. The FY2012 year end projected liquidation assumes a decrease in the G&A base, which results in a year-end under liquidation projection of $2.4M.

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

MAJOR ISSUES

None identified.

MILESTONE STATUS

None identified.

SELF-PERFORMED WORK

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

GOVERNMENT FURNISHED SERVICES AND INFORMATION (GFS/I)

None identified.