CH2MHILL
Plateau Remediation Company

Monthly Performance Report

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President and Chief Executive Officer

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July 2012

CHPRC-2012-07, Rev. 0

CONTENTS

PROJECT BASELINE SUMMARY SECTIONS

APPENDICES

EXECUTIVE SUMMARY

During the month of July, the Sludge Treatment Project (STP) completed the first of six planned shipments of Knock-Out Pot (KOP) sludge from the K West Basin to the Canister Storage Building (CSB) for storage. STP also successfully completed the Phase 1 Technical Readiness Assessment. Final design of the Engineered Container Retrieval and Transfer System (ECRTS) process continued as planned.

The first Multi-Canister Overpack container of Knock-Out Pot sludge is offloaded at the Canister Storage Building

The audit on CHPRC's Environmental Management System (EMS) was completed with minor findings and opportunities for improvement, as well as 12 noteworthy practices, two of which were considered outstanding. As a result, CHPRC will receive registration to the ISO 14001 standard.

Plutonium Finishing Plant (PFP) Closure Project Decommissioning and Demolition (D&D) progress continued to accelerate, exceeding the July plan. Key Performance Parameter (KPP) glovebox removal work also continued to experience higher productivity.

Demolition of piping and a water tunnel in the 100K Area continues

The 200 West Pump and Treat (P&T) system began treating aquifer water after being turned over for operations in June. Groundwater treatment in July totaled 103.4 million gallons. The FY2012 goal of treating one billion gallons is expected to be met in August.

Decommissioning and Demolition crews continued work along the river corridor, demolishing a water tunnel and pipelines that once brought water to the K East Reactor.

Focus on Safety

The President's Zero Accident Council (PZAC) meeting for July 2012 was hosted by the Environmental Program and Strategic Planning (EPSP) organization. The primary messages for the meeting were:

- Practice Office Safety
- Recreational Water Safety
- Your Role in the Environmental Management System (EMS)

Creatively using the Olympic Games as the common theme, EPSP injected the joy of effort, a principle of Olympism, into a spirited round of Stretch and Flex to begin the meeting. A presentation on Office Safety employed the Olympism philosophy of balance between the body, will and mind to hurdle office-related hazards. The presentation coached the crowd on ergonomics, safe dress, electrical safety, healthy habits, slips, trips, and falls. Next, a presentation on Boating Safety by the Benton County Sheriff's department embodied the Olympism principle of education through good example, providing illustrations of boat safety habits and necessary safety equipment and devices. July's EMS update exalted the excellent results of the EMS audit and applauded CHPRC for putting in the hard work and preparation needed to eventually climb the podium and claim the gold of ISO 14001 Certification. The remaining presentations on injury and illness performance, Voluntary Protection Program (VPP) awareness, and Good News Stories took the meeting to the finish line.

Five "*Thinking Target Zero*" bulletins were published in July to communicate important safety, health, and environmental messages:

- EMS Targets and Objectives
- Creepy Crawlies
- Ready for EMS ISO 14001 Certification!
- Wind Hazards
- Fluid Balance and Replenishment

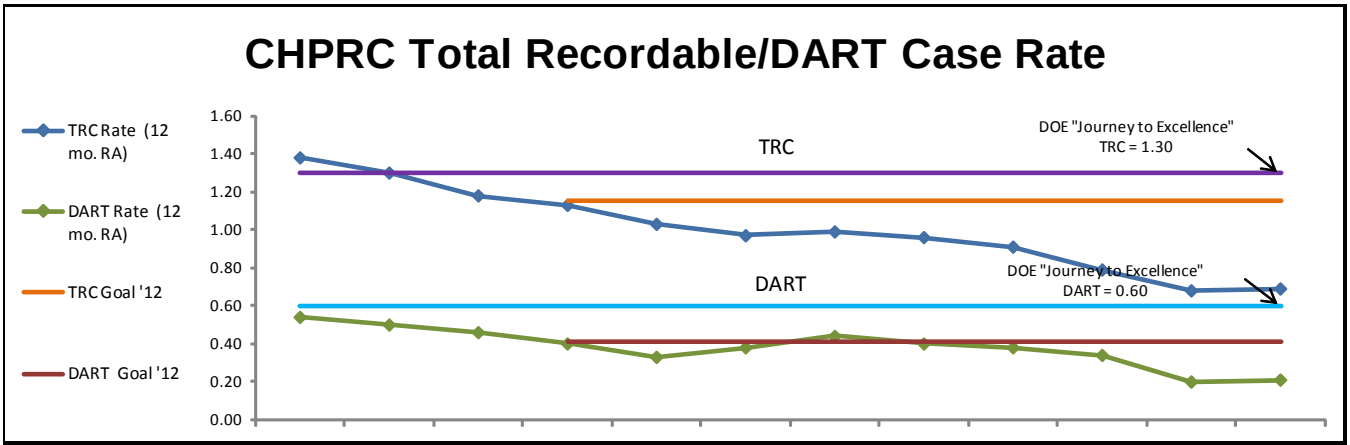
The *Weekly Safety Tailgate* briefing packages in June informed the workforce on relevant topics and safety communications:

- Process for Resolving Differing Professional Opinions
- Sunscreen and Bug Repellent
- Exit Signs and Egress
- Runaway Vehicles
- Safety Issues and Ideas
- Pests and Creepy Crawlies
- Respiratory Equipment Changes
- Occupational Lead Exposure Control
- Safety and Health Inspections
- OSHA Heat Safety App
- Return To Work Requirements
- Hanford Site Beryllium Work Permit and Hazard Assessment
- Supply Chain Simplification
- Hazards of Disposable Lighters in the Heat
- Storing, Handling and Using Compressed Gases
- Crane Fall Safety
- Cordless Drill Product Recall

- 360 degree Vehicle Walk Around
- CHPRC Family Picnic Announcement
- Summaries of injuries, illnesses, and close calls

TARGET ZERO PERFORMANCE
July 2012

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

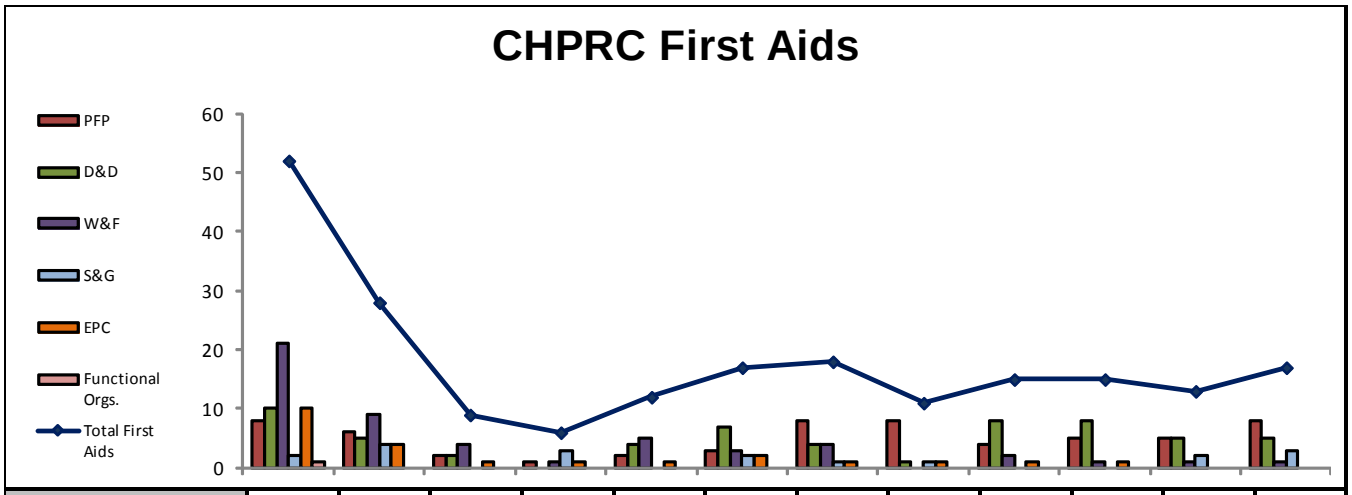


	Aug-11	Sep-11	Oct-11	Nov-11	Dec-11	Jan-12	Feb-12	Mar-12	Apr-12	May-12	Jun-12	Jul-12
PFP	0	0	0	0	0	2	1	1*	0	1	0	0
D&D	1	1*	0	0	0	0	0	0	1	0	0	1
W&F	1*	1	0	0	0	0	0	1	0	1*	0	0
S&G	0	0	0	0	0	0	0	0	0	0	0	0
EPC	2*	1	0	0	0	0	0	0	0	0	0	0
Functional Orgs.	0	0	0	0	0	0	0	0	0	0	0	0
Recordable Cases	**4***	**3**	**0**	**0**	**0**	**2**	**1**	**2***	**1**	**2***	**0**	**1**
DART Cases	**0**	**1***	**0**	**0**	**0**	**1**	**1**	**1***	**1**	**0**	**0**	**0**
TRC Rate (12 mo. RA)	**1.38**	**1.30**	**1.18**	**1.13**	**1.03**	**0.97**	**0.99**	**0.96**	**0.91**	**0.79**	**0.68**	**0.69**
DART Rate (12 mo. RA)	**0.54**	**0.50**	**0.46**	**0.40**	**0.33**	**0.38**	**0.44**	**0.40**	**0.38**	**0.34**	**0.20**	**0.21**

Total Recordable Injury Case (TRC) Rate – The 12 month rolling average TRC rate of 0.69 is based upon a total of 16 recordable injuries. There was one Recordable case in June 2012 and one case from May that has been updated as Recordable.

Days Away, Restricted or Transferred (DART) Workdays Case Rate – The 12 month rolling average DART rate of 0.21 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.



	Aug-11	Sep-11	Oct-11	Nov-11	Dec-11	Jan-12	Feb-12	Mar-12	Apr-12	May-12	Jun-12	Jul-12
PFP	8	6	2	1	2	3	8	8	4	5	5	8
D&D	10	5	2	0	4	7	4	1	8	8	5	5
W&F	21	9	4	1	5	3	4	0	2	1	1	1
S&G	2	4	0	3	0	2	1	1	0	0	2	3
EPC	10	4	1	1	1	2	1	1	1	1	0	0
Functional Orgs.	1	0	0	0	0	0	0	0	0	0	0	0
Total First Aids	**52**	**28**	**9**	**6**	**12**	**17**	**18**	**11**	**15**	**15**	**13**	**17**

First Aid Case Summary – CHPRC reported 17 first-aid cases in July. The biggest contributors were 6 abrasions / contusions from contact/being struck by an object, 3 sprains, strains and/or pains from awkward positions or overexertion and 2 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

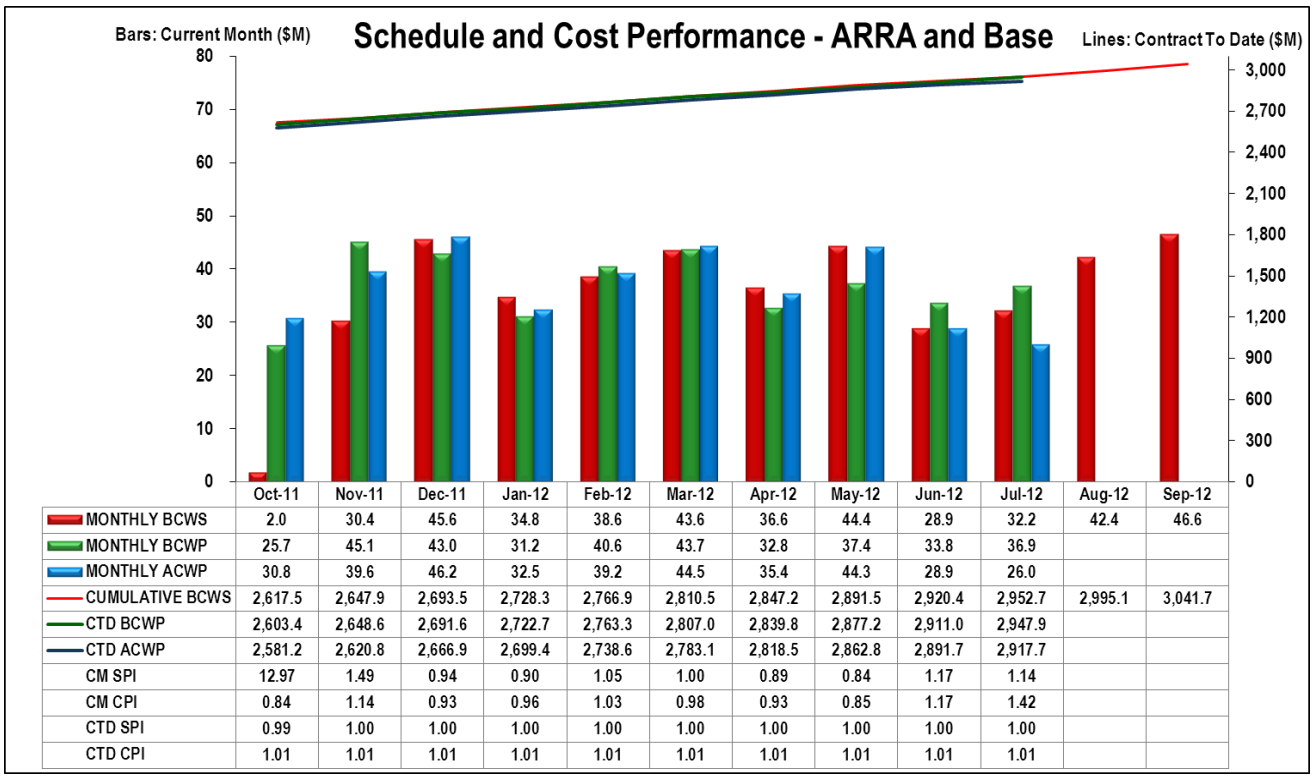
ARRA

Sub-Project	KPP	Key Metric	Unit of Measure	Cumulative through July 26, 2012
Plutonium Finishing Plant D&D	Building 234-5Z Process and Laboratory areas ready for demolition	Glove boxes removed from 234-5Z	# Glove boxes	141
		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	346,750

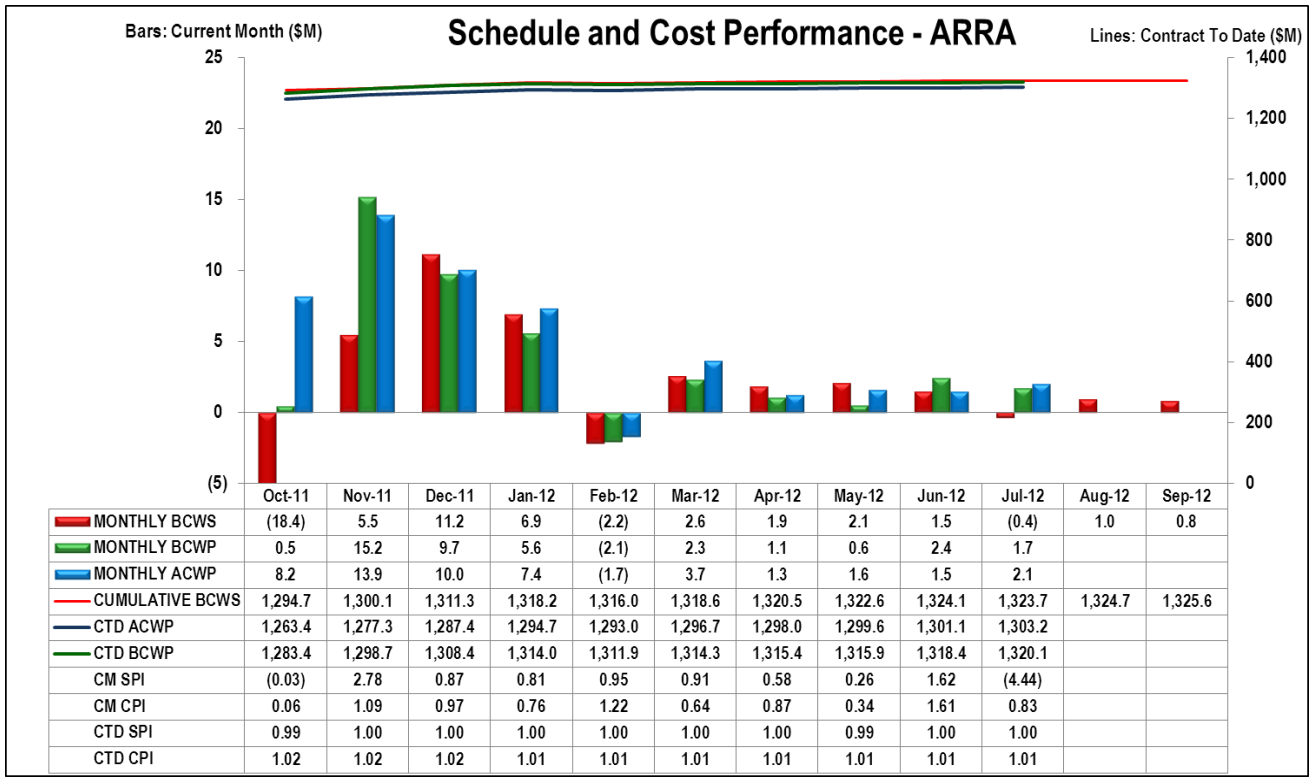
Base Metrics

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	0	0	0	1	7
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	0	0	1	1	1
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	0	0	1	10	22
SW Ops Complex Container Inspections	13	13	13	13	4	0	0	4	43	95
Contaminated Groundwater Treated (million gallons)	30	303	287	292	103	0	0	103	985	2,959
Preventive Maintenance Packages Completed	40	100	89	163	28	0	0	28	380	855

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		
MONTHLY ACWP	30.8	39.6	46.2	32.5	39.2	44.5	35.4	44.3	28.9	26.0		
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		
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		
CM SPI	12.97	1.49	0.94	0.90	1.05	1.00	0.89	0.84	1.17	1.14		
CM CPI	0.84	1.14	0.93	0.96	1.03	0.98	0.93	0.85	1.17	1.42		
CTD SPI	0.99	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		



	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		
MONTHLY ACWP	8.2	13.9	10.0	7.4	(1.7)	3.7	1.3	1.6	1.5	2.1		
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		
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		
CM SPI	(0.03)	2.78	0.87	0.81	0.95	0.91	0.58	0.26	1.62	(4.44)		
CM CPI	0.06	1.09	0.97	0.76	1.22	0.64	0.87	0.34	1.61	0.83		
CTD SPI	0.99	1.00	1.00	1.00	1.00	1.00	1.00	0.99	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		

	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	7.0	8.3	6.6	1.2	1.7	510.4	507.0	518.4	(3.4)	(11.3)	893.8	903.4	(9.6)
RL-0012 - SNF Stabilization & Disposition	6.2	6.4	4.7	0.2	1.7	313.5	310.7	313.6	(2.8)	(2.9)	539.3	533.3	6.0
RL-0013 - Solid Waste Stab & Disposition	6.4	6.4	4.5	(0.0)	1.8	685.4	685.2	680.4	(0.2)	4.8	1,412.9	1,406.3	6.6
RL-0030 - Soil & Water Rem-Grndwtr/Vadose	7.2	7.9	6.6	0.6	1.3	785.9	788.1	790.3	2.2	(2.2)	1,499.4	1,498.9	0.4
RL-0040 - Nuc Fac D&D - Remainder	1.2	0.9	0.7	(0.2)	0.2	361.3	361.6	335.3	0.3	26.3	648.7	622.9	25.8
RL-0041 - Nuc Fac D&D - RC Closure Project	4.1	6.9	2.8	2.8	4.0	282.6	281.7	267.8	(0.9)	13.9	517.4	506.0	11.4
RL-0042 - Nuc Fac D&D - FFTF Project	0.1	0.1	0.1	(0.0)	0.1	13.5	13.5	11.8	0.0	1.7	26.2	24.8	1.4
(Numbers are rounded to the nearest $0.1M) Total	32.2	36.9	26.0	4.6	10.9	2,952.7	2,947.9	2,917.7	(4.8)	30.2	5,537.7	5,495.7	42.1

Performance Summary

The Project is on track to complete the contract scope within budget (currently projecting +$150M Variance at Completion (See Appendix A, Contract Performance Report, Format 1)). There are significant risks still in the completion of the Plutonium Finishing Plant (PFP) where aged systems and increased contamination has impacted cleanup. Performance at PFP has been mixed with periods of low performance due to radiological and work control concerns; however, performance has stabilized and improved over the last 12 months (currently CTD SPI of 0.99 and CPI of 0.98). PFP has conducted a series of partnering sessions and value engineering sessions, which have improved both the programs in place at PFP and has identified numerous opportunities that have resulted in efficiencies (i.e. larger TRU waste boxes (SLB IIs) that require significantly less size reduction of PFP contaminated components.

Two other major scope areas (Sludge Treatment and Groundwater Treatment) have each been definitized into the contract this year and have been incorporated fully into the PMB. Performance on both is strong with the bulk of the Groundwater System contraction projects complete and into operation. The construction of these projects did complete by the TPA required dates and were slightly over budget based on the BAC; however, these were completed well within the Total Project Cost (TPC). Significant usage of MR was required during construction as many identified risks were realized; however, the project has completed with a significant portion of the DOE held contingency unused. The sludge treatment project is currently on schedule and cost but faces challenges due to FY 2013 funding issues. Most other areas of the Project are on schedule and at or below cost and will be transitioning into a minimum safe posture over the next several years due to funding shortfalls.

As shown in the preceding tables, three reporting periods had negative BCWS, BCWP, or ACWP in the current period due to adjustments in the type/amount of contingent scope originally approved in the ARRA subprojects that will be completed with remaining ARRA funds. Scope movement in most cases are within one control account, but include movement of contingent scope between ARRA funded work packages and base funded work packages.

FUNDING ANALYSIS

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

		FY 2012		
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	89.7	2.1
RL-0012	Spent Nuclear Fuel Stabilization and Disposition	87.0	84.7	2.2
RL-0013	Waste and Fuels Management Project	84.2	84.1	0.1
RL-0030	Soil, Groundwater and Vadose Zone Remediation	124.7	124.5	0.2
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	33.3	1.3
RL-0042	Fast Flux Test Facility Closure	2.0	1.7	0.2
	Total Base:	**435.5**	**429.0**	**6.5**

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 July 2012, CHPRC approved and implemented six (6) BCRs. Each change request is identified in the table below:

Change Request #	Title	Summary of Change
Implemented into the Earned Value Management System for July 2012		
BCR-011-12-004R0	*PFP FY2012 Scope Changes Associated with FY2013 Funding Constraints*	FY2013 funding impacts and Project priorities and/or initiatives have caused areas being worked in FY2012 (i.e., 234-5Z Room 228C and PRF Chemical Tanks) to be deferred and executed later in the contract period.
BCR-012-12-002R0	*RL-12 Corrections for PMB Rev 3*	Corrects the PMB Rev 3 estimate and provides additional detail for the PMB Annex construction activities to align with the Contractor's schedule.
BCR-012-12-003R0	*RL-12 Incorporation of CO#173 for Pre-Conceptual Planning for K Basin Sludge Treatment Phase 2*	Increases the total value of BCWS for Phase 2 Pre-Conceptual Studies and moves scope out of CLIN 8 to CLIN 5.
BCR-013-12-004R0	*Defer T Plant Operations Ramp Up*	Deferral of T Plant Ramp Up operations from FY2012 to FY2013.
BCR-030-12-023R0	*RL-30 FY2012 Scope Deferral Due to Funding Constraints*	Defers work scope planned in FY2012 that has been stopped due to funding constraints.
BCR-PRC-12-018R0	*FY2012 Workforce Restructuring*	Reflects the impacts of the Workforce Restructuring.

Overall the contract period performance measurement baseline (PMB) budget is increased by $13.6M in July 2012.

Management Reserve Activity

BCR Number	Title	Fiscal Year	MR (ARRA)	MR (Base)
BCR-011-12-004R0	*PFP FY2012 Scope Changes Associated with FY2013 Funding Constraints*	2012-2014	N/A	-$154K
BCR-012-12-002R0	*RL-12 Corrections for PMB Rev 3*	2012-2016	N/A	-$1,799K
BCR-013-12-004R0	*Defer T Plant Operations Ramp Up*	2012-2013	N/A	-$33K
BCR-030-12-023R0	*RL-30 FY2012 Scope Deferral Due to Funding Constraints*	2012-2013	N/A	-520K
BCR-PRC-12-018R0	*FY2012 Workforce Restructuring*	2012	N/A	-7,189K
Overall MR Change in July 2012 decreased -$9,645K				

No Fee impact in July 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, un-priced work scope were definitized at the PMB values as a result of change requests processed in June 2012, would be a net zero and is summarized by fiscal year in the tables below (dollars in thousands, negative number represents reduction):

July 2012 Summary of Changes

	FY2009	FY2010	FY2011	FY2012	FY2013	FYs 2009-2013	FYs 2014-2018	Contract Period Total	Post Contract Total	Total PMB
June 2012 Estimate										
PMB	653,426.0	960,017.3	1,002,104.8	424,652.0	479,685.3	3,519,885.4	2,004,208.9	5,524,094.3	0.0	5,524,094.3
MR	0.0	0.0	0.0	26,468.6	9,972.2	36,440.8	83,790.4	120,231.2	0.0	120,231.2
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***	***468,172.5***	***514,352.4***	***3,718,879.3***	***2,164,345.8***	***5,883,225.1***	***0.0***	***5,883,225.1***
Change by Funding Source in July 2012										
PMB										
ARRA										
All ARRA WBSs	0.0	0.0	0.0	-1,126.1	0.0	-1,126.1	0.0	-1,126.1	0.0	-1,126.1
Base										
All Base WBSs	0.0	0.0	0.0	2,599.9	12,747.2	15,347.1	-602.3	14,744.8	0.0	14,744.8
Change to PMB	***0.0***	***0.0***	***0.0***	***1,473.8***	***12,747.2***	***14,221.0***	***-602.3***	***13,618.7***	***0.0***	***13,618.7***
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	-2,504.3	-1,413.1	-3,917.4	-5,727.3	-9,644.7	0.0	-9,644.7
Change to MR	***0.0***	***0.0***	***0.0***	***-2,504.3***	***-1,413.1***	***-3,917.4***	***-5,727.3***	***-9,644.7***	***0.0***	***-9,644.7***
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***	***-1,030.5***	***11,334.1***	***10,303.6***	***-6,329.6***	***3,974.0***	***0.0***	***3,974.0***
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***

Changes to/Utilization of Management Reserve in July 2012

		FY2009	FY2010	FY2011	FY2012	FY2013	FY2009-2013	FY2014-2018	Total
June 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	12,321.1	-444.4	11,876.7	11,071.1	22,947.8
	RL-0012	0.0	0.0	0.0	1,500.0	2,500.0	4,000.0	10,500.0	14,500.0
	RL-0013	0.0	0.0	0.0	673.1	275.7	948.8	18,546.6	19,495.4
	RL-0030	0.0	0.0	0.0	8,312.3	3,809.0	12,121.3	8,906.1	21,027.4
	RL-0040	0.0	0.0	0.0	2,020.6	961.7	2,982.3	16,643.6	19,625.9
	RL-0041	0.0	0.0	0.0	1,441.4	2,670.2	4,111.6	17,123.1	21,234.7
	RL-0042	0.0	0.0	0.0	200.0	200.0	400.0	1,000.0	1,400.0
	Base Total	***0.0***	***0.0***	***0.0***	***26,468.5***	***9,972.2***	***36,440.7***	***83,790.5***	***120,231.2***
	MR Total	***0.0***	***0.0***	***0.0***	***26,468.5***	***9,972.2***	***36,440.7***	***83,790.5***	***120,231.2***
July 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	513.8	-653.6	-139.8	-1,832.4	-1,972.2
	RL-0012	0.0	0.0	0.0	-1,305.2	482.5	-822.7	-2,296.0	-3,118.7
	RL-0013	0.0	0.0	0.0	-493.0	-1,242.0	-1,735.0	0.0	-1,735.0
	RL-0030	0.0	0.0	0.0	-626.4	0.0	-626.4	-1,598.9	-2,225.3
	RL-0040	0.0	0.0	0.0	-223.8	0.0	-223.8	0.0	-223.8
	RL-0041	0.0	0.0	0.0	-337.0	0.0	-337.0	0.0	-337.0
	RL-0042	0.0	0.0	0.0	-32.7	0.0	-32.7	0.0	-32.7
	Base Total	***0.0***	***0.0***	***0.0***	***-2,504.3***	***-1,413.1***	***-3,917.4***	***-5,727.3***	***-9,644.7***
	MR Total	***0.0***	***0.0***	***0.0***	***-2,504.3***	***-1,413.1***	***-3,917.4***	***-5,727.3***	***-9,644.7***
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	8,204.0	11,381.3
	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***	***78,063.2***	***110,586.5***
	MR Total	***0.0***	***0.0***	***0.0***	***23,964.2***	***8,559.1***	***32,523.3***	***78,063.2***	***110,586.5***

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 -7/31/2012							
	ARRA		BASE		Total $	Total %	Goal
	$	%	$	%			%
SB	$376,375,616	53.72%	$580,887,911	47.20%	$957,263,527	49.57%	49.30%
SDB	$78,324,533	11.18%	$96,479,555	7.84%	$174,804,088	9.05%	8.20%
SWOB	$87,430,794	12.48%	$103,215,288	8.39%	$190,646,082	9.87%	7.50%
HUB	$22,770,908	3.25%	$23,588,809	1.92%	$46,359,717	2.40%	2.20%
VOSB	$52,720,717	7.53%	$60,575,090	4.92%	$113,295,806	5.87%	3.50%
SDVO	$13,201,977	1.88%	$41,134,855	3.34%	$54,336,831	2.81%	1.30%
NAB	$17,618,305	2.51%	$11,075,360	0.90%	$28,693,665	1.49%	0.00%
Large	$242,105,713	34.56%	$304,562,415	24.75%	$546,668,128	28.31%	0.00%
GOVT	$132,387	0.02%	$1,690,947	0.14%	$1,823,334	0.09%	0.00%
GOVT CONT	$81,878,594	11.69%	$340,346,171	27.66%	$422,224,765	21.86%	0.00%
EDUC	$782	0.00%	$84,516	0.01%	$85,298	0.00%	0.00%
NONPROFIT	$49,097	0.01%	$2,902,069	0.24%	$2,951,165	0.15%	0.00%
FOREIGN	$21,173	0.00%	$195,870	0.02%	$217,043	0.01%	0.00%
Total	**$700,563,361**		**$1,230,673,275**		**$1,931,236,636**		

Projection to FY2018	
Planned Subcontracting*	$2,524,483,195
Contract-to-date awards	$1,931,236,636
Bal remaining to award =	$593,246,559
Goal award $	**Bal to goal $**
$1,244,570,215	$287,306,688
$207,007,622	$32,203,534
$189,336,240	($1,309,842)
$55,538,630	$9,178,913
$88,356,912	($24,938,894)
$32,818,282	($21,518,550)
** 10-year subcontracting projection*	
PRC clause H.20 small business (SB) requirement:	
≥17% of Total Contract Price performed by SB	
Total Contract Price:	$5,858,877,357
17% requirement:	$996,009,151
SB Awarded:	$957,263,527
Balance to Requirement:	$38,745,624

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

July 2012
CHPRC-2012-07, 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	172 gloveboxes/hoods
KPP Rooms/Areas Ready for Demo	-	53 rooms/areas
Asbestos/ACM Removed	230	16,623 feet
Process Vacuum Piping Dispositioned	181	1,739 feet
Process Transfer Line Dispositioned	15	609 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	- m^3	35 m^3
TRU/TRU-M Shipped	11 m^3	914 m^3
LLW/MLLW Shipped	21 m^3	3,771 m^3

There were no lost or restricted workday cases this period.

D&D mission progress at PFP continued to accelerate and exceeded plan for the month. Key Performance Parameter (KPP) glovebox removal work experienced higher productivity for the second month in a row.

Removal of plutonium-contaminated process equipment continued, with a particular focus on removing gloveboxes and associated piping and ductwork. Gloveboxes HA-9E and HA-9D were removed from Room 235A-3, in RMA Line, and transferred to Solid Waste Operations, bringing the total gloveboxes removed to date to 172, or 74 percent complete. In RMA Line Room 235A-2, all large valve cabinets and large electric gear drives under the A2 gloveboxes were removed. Mockup of the HA-23S glovebox separation, using Gantry cranes, was initiated at 2610E. One glovebox (HA-8A from RMA Line) was shipped to PermaFix North West (PFNW) for size reduction and packaging for disposal as TRU waste. Bulk area cleanout continued in support of Key Performance Parameter closure of Rooms 230A, 230B, and 230C in RMC Line.

The project removed 181 feet of highly contaminated process vacuum lines and an additional 230 feet of asbestos. Slow progress was made on transfer line removal; 30 feet was cut and removed and 15 feet was dispositioned. The implementation plan was completed for use of SLB-2 Transuranic (TRU) waste containers to load miscellaneous debris.

The final acceptance walk-down was completed on the demolished former PFP Vault Complex and adjacent ancillary buildings.

D&D of the Plutonium Reclamation Facility, 236-Z, slowed due to a damaged canyon crane truck (trolley) early in the month. The total PRF canyon pencil tank units removed and dispositioned remained at 90, or 46 percent complete. Fabrication of two replacement trucks was completed, and preparations were initiated for canyon entries to replace the damaged truck and perform annual maintenance on the canyon crane. The canyon entries are scheduled for next month. Aluminum Nitrate Nonhydrate (ANN) lines were removed, completing mechanical isolation of piping from the Miscellaneous Treatment gloveboxes (MT-1,3,4,5 and 6).

Implementation continued on three breakthrough initiatives, which have the potential to accelerate schedule and reduce life cycle cost. To date, significant progress has been made on the Enhanced Time on Tools initiative, resulting in improved resource allocation, increased ready-to-work packages, and

reduced down time. The Remove TRU Whole initiative has also made significant progress: gloveboxes have been identified and screened against criteria, the HNF-0063 Waste Exception Request has been sent to DOE-RL for approval, and the first glovebox (HC-21A) is ready for transfer to SWOC, once the exception has been granted (expected in August). This initiative has been factored into the FY2013 PMB Update. The removal path for ten process gloveboxes was accelerated, the facility modifications and supplied air team associated with a centralized size reduction facility were eliminated, and PRF MT gloveboxes will be dispositioned in place for removal prior to demolition.

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	66%

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	8	60	**Base –** 7/12/2012 – Employee experienced personal heart condition. (22820) **Base** – 7/16/2012 – Employee experienced pain in right leg. (22821) **Base** – 7/16/2012 – Employee received contusion to right finger. (22833) **Base** – 7/17/2012 – Employee received bite/sting to right hand. (22822) **Base –** 7/23/2012 – Employee received abrasion to right knee. (22829) **Base –** 7/24/2012 – Employee experienced foreign body in left eye. (22835) **Base** – 7/30/2012 – Employee experienced strain to left hip. (22843) **Base** – 7/31/2012 – Employee experienced pain to left knee. (22840)
Near Misses	0	0	N/A

KEY ACCOMPLISHMENTS

ARRA

11.05 Disposition PFP Facility – ARRA

- In room 235A-2, the large valve control panels (7 ea.), pneumatic tubing, pneumatic diverters (8 ea), and electric gear drives (8 ea) under the gloveboxes were removed
- In room 235Z-3, glovebox HA-9E was removed and glovebox HA-9D was separated and staged in the room
- In room 235B, bulk area cleanout work continued and mockup activities to simulate the HA-23S glovebox separation were started at 2610E
- In room 228B, the removal of internal equipment and wipe downs were completed for HC-1C, HC-1D, HC-12S and HC-13MD Room 228B. External and internal process equipment for HC-15A & -15B continued in Room 228B
- In room 228C, the removal of external and internal process equipment for gloveboxes HC-17P, HC-17DC, and HC-17SBB was completed in Room 228C
- The bulk area cleanout work for Rooms 230A, 230B, and 230C continued (95% complete at fiscal month end)

Base

11.02 Maintain Safe & Compliant PFP

- 291-Z Exhaust Fan Maintenance
  - o Performed preliminary electrical investigation to ensure all legacy wiring configurations are understood in support of development of hazardous energy isolation boundaries to facilitate

installation of high vibration shutdown switches.
  - Initiated preparation activities for welding of the cracks identified on the wheel of EF-3. Welding is expected to commence in early August.
- Submitted a revision of HNF-51021, "Enhanced Maintenance Plan for the Plutonium Finishing Plant (PFP) Exhaust Fans" to DOE-RL to satisfy Condition of Approval PFP-12SED0036-1 and PFP-12SED0036-3 that were transmitted to CHPRC as part of RL's approval of the 291-Z exhaust fan JCO.

11.05 Disposition PFP Facility

Backside Rooms (Rooms 158-172) D&D

- Room 166 D&D
  - Room 166 GB Mechanical Isolation:
    - Installed hot taps and drained residual nitric acid from the Concentrated Nitric Acid piping system
    - Removed isolation valves to air-gap the Concentrated Nitric Acid piping system
- Room 159 Hood D&D Planning
  - Completed engineering for design of temporary hood that will replace the 159 Hood radiological instrument decontamination capability
  - Completed drafting of work package and the AJHA for temporary hood installation in Room 180
- Room 170 Hood D&D Planning
  - Completed the HRB review for the work package
- Electrical isolation of Backside Rooms:
  - Progressed electrical intrusive investigation for isolation of the Room 169 and Room 170 gloveboxes; effort now 95% complete. Isolation of these gloveboxes represents the final leg for isolation of the Backside Room areas.

Disposition PFP (234-5Z) Facility

- Removed 181 feet of process vacuum piping for a total of 1,739 feet removed
- Removed 30 feet of transfer lines for a total of 624 feet removed
- Removed 250 feet of asbestos

Plutonium Reclamation Facility (PRF)

- Size reduction and disposition of pencil tank assembly 19 was completed
- Preparations were initiated for canyon entries to replace the failed canyon crane truck. During the entries, the annual maintenance on the crane will be performed.
- Mechanical isolation of the MT-1 and MT-3 gloveboxes was completed
- Mechanical isolation of the MT conveyor was initiated with completion of the removal of the process 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 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 – The annual maintenance will be performed during the entries.

Status – Preparations for canyon entries to replace the truck have been initiated.

RISK MANAGEMENT STATUS

Unassigned Risk
Risk Passed
New Risk
Change

Working - No Concerns
Working - Concern
Working - Critical

Increased Confidence
No Change
Decreased Confidence

Risk Title	Risk Strategy/Handling	Assessment		Comments
		Month	Trend	
RL-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.	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.
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.	Working - Critical	Decreased Confidence	Additional cracks were found during visual inspection of EF-3 wheel during continuing repairs of the exhaust fans. After engineering evaluation of the water wall removal between 228A/B they exposed a structure deficiency causing RMC to suspend work and an evaluation is underway to increase support between the two walls.
PFP-008: Unexpected High Concentration TRU Material Holdup Discovered	Utilize supplemental NDA and other characterization techniques to identify areas of concern early in the project. Discuss potential response actions and administrative controls with Safeguards and Security, and proceduralize them as needed to guide the project in responding in the event unexpected material is identified.	Working - Concern	No Change	Planning is continuing to further evaluate the disposition path for the section of piping that was discovered to have higher than expected material holdup.
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.	Working - Concern	No Change	PCB oil from a hydraulic ram in RMA was discovered to contain TRU holdup (Waste disposal is still pending). Also in RMA unexpected Asbestos was discovered when E4 ducting was removed exposing a line that contained asbestos.
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.	Working - Concern	No Change	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.
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.	Working - Concern	Decreased Confidence	Power was lost when a cross-arm failure from 13.8Kv power lines was disconnected during high winds; causing teams to halt intrusive work and fissile material moves until MSC services repaired the power lines. Repairs for the 13.8Kv power lines took longer than anticipate.

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	(1.1)	0.8	0.9	1.9	-172.7	(0.1)	-13.8
Base	8.2	7.5	5.6	(0.7)	-8.8	1.8	24.6
Total	**7.0**	**8.3**	**6.6**	**1.2**	**17.3**	**1.7**	**20.8**

Numbers are rounded to the nearest $0.1M

ARRA

CM Schedule Variance: (+$1.9M/-172.7%)

The schedule variance is primarily due to the single point adjustment of BCWS resulting from replanned 234-5Z Room 228C work scope via BCR-011-12-004R0, *PFP FY2012 Scope Changes Associated with FY2013 Funding Constraints*. Progress earned on scope scheduled to be complete in prior periods also contributes to the positive current period variance.

CM Cost Variance: (-$0.1M/-13.8%)

The cost variance is within reporting thresholds.

Base

CM Schedule Variance: (-$0.7M/-8.8%)

The schedule variance is primarily due to delays experienced in 234-5Z RMA/RMC glovebox removal and process piping removal, resulting from fissile LCO restriction (due to power outage), contamination event, emergency response, or resource availability, in addition, PRF pencil tank size reduction was delayed by canyon crane truck (trolley) damage that occurred early in the month.

CM Cost Variance: (+$1.8M/+24.6%)

The cost variance results from lower labor cost due to credit for over-contributed workman's compensation and lower-than-planned rate; workforce restructuring progress earned on costs incurred in the prior period; lower staff levels due to June 2012 workforce restructure, vacation, attrition, and RMA/RMC progress earned on Base-funded activities, with actual costs being collected under ARRA. 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	25.1	294.7	(3.5)	-1.2	(9.6)	-3.4	288.6	297.4	(8.7)
Base	221.8	221.9	223.7	0.2	0.1	(1.7)	-0.8	605.2	606.0	(0.8)
Total	**510.4**	**507.0**	**518.4**	**(3.4)**	**-0.7**	**(11.3)**	**-2.2**	**893.8**	**903.4**	**(9.6)**

Numbers are rounded to the nearest $0.1M

ARRA

CTD Schedule Performance: (-$3.5M/-1.2%)

The schedule variance is within reporting thresholds.

CTD Cost Performance: (-$9.6M/-3.4%)

The cost variance is within reporting thresholds.

Base

CTD Schedule Variance (+$0.2M/+0.1%)

The schedule variance is within reporting thresholds.

CTD Cost Variance (-$1.7M/-0.8%)

The cost variance is within reporting thresholds.

Variance at Completion (-$9.6M/-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 June to July, 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	89.7	2.0
RL-0011 Total	**125.1**	**123.1**	**2.0**

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-011-12-004R0 - *PFP FY2012 Scope Changes Associated with FY2013 Funding Constraints*

MILESTONE STATUS

None 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
Vice President and
Project Manager for
Decommissioning, Waste,
Fuels, and Remediation
Services (DWF&RS)

July 2012
CHPRC-2012-07, Rev. 0
Contract DE-AC06-08RL14788
Deliverable C.3.1.3.1 - 1

PROJECT SUMMARY

The Knockout Pot (KOP) Processing System (KPS) operating campaign was suspended for most of the first week of the reporting period while the 105KW Basin Operations staff replaced the four facility ion exchange modules (IXMs).

The first of six planned Multi-Canister Overpacks (MCOs) was loaded, lifted from the basin, and shipped to the Cold Vacuum Drying Facility (CVDF) on the planned date of 07/09/2012.

The second MCO was ready for shipment to CVDF at the end of this reporting period. After being "splashed" (lowered under water) in the Basin, 12 copper inserts were loaded with KOP product material. The inserts were then loaded into MCO baskets, and then the MCO baskets were installed into the MCO shell. The final step prior to shipment to CVDF on 07/23/12 was a "close and lift" activity on 07/22/12.

The K West Basin Operations staff began processing KOP material for loading the third MCO, which is scheduled to be shipped to CVDF on 08/06/2012.

The successful processing of the first two KOP MCOs confirms that the Project is on schedule for meeting the TPA milestone, M-016-172, to complete KOP material removal from 105KW fuel storage basin by 09/30/12.

Final design of the Engineered Container Retrieval and Transfer System (ECRTS) process continued this month as planned. Formal design review of the complete ECRTS process is tentatively scheduled to begin the week of 08/27/12. Preparation of the Final Design Report is underway, with issuance around the end of September.

The K Basins Sludge Treatment Project (STP) Phase 1 Technology Readiness Assessment (TRA) final report was issued this month. The DOE TRA team judged that the STP ECRTS (Phase 1) is at a Technology Readiness Level of 6 and that there was a "high confidence that the system will function effectively in support of the Phase 1 completion."

CHPRC Construction Management and Construction Support personnel, along with K West Annex construction subcontractor staff from FE&C, have mobilized and are occupying the newly completed 100K mobile office.

Progress on K West Annex construction was made in the following areas: Initiation of work package planning for concrete work; completion of surveys required to start excavation; completion of the setup of construction boundaries and controls; and initiation of pot-holing in preparation for mechanical excavation, which will begin on 07/23/2012.

Characterization report PRC-STP-00560, "Validation and Assessment for Characterization Data from Engineered Container SCS-CON-210" was approved. This report is an STP review of the detailed radiochemical, chemical and physical characterization data supplied by PNNL and K Basin for the K West floor and pit sludge in SCS-CON-210. The data are compared to the original Data Quality Objectives, statistical assessments are made versus previous characterization data from SCS-CON-220, and uncertainty estimates are provided.

TARGET ZERO PERFORMANCE

	CM Quantity	Rolling 12 Month	Comment
Days Away, Restricted or Transferred	0	1	N/A
Total Recordable Injuries	1	2	**7/30** - Carpenter from 100K suffered low back pain from relocating pallets and plywood. **(22839)**
First Aid Cases	5	43	**7/03** - Employee from MASF injured the little finger on left hand when it was pinched between a mill chuck and vise during removal of the chuck. **(22816)** **7/13** - D&D worker sustained a contusion to the back from being hit by an unknown object. **(22819)** **7/18** - NCO from 105KW reported that due to years of long handle pole work in the basin the worker developed bilateral wrist pain. **(22825)** **7/19** - D&D worker from 100K complained of left ear pain and swelling. The worker noted that discomfort began as a potential result of prolonged use of custom-fit ear protection. **(22830)** **7/26** - RCT at 100KE injured the left hand while attempting to close a connex door which resulted in the worker's left hand being caught between the handle of the door closure mechanism and the connex. **(22837)**
Near-Misses	0	0	N/A

KEY ACCOMPLISHMENTS

The first MCO was successfully loaded in the 105KW Basin and shipped to CVDF on 07/09/12 where it was dried, and then shipped to the Canister Storage Building (CSB) on 07/13/12. This accomplishment represents the culmination of years of design, equipment fabrication, and Basin Operations staff training. CSB acceptance of the first KOP MCO meets Performance Measure milestone PM-12-02.1d.2, "Complete the Loading, Shipment, and Acceptance at CSB of the First KOP MCO."

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.	Working - No Concerns	No Change	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.	Working - No Concerns	No Change	No issues at this time. MLS/CLS Gantry complete - On schedule for 32 ton crane PM in July/August.
STP-007 Competing Priorities	Develop detailed working schedules and institute interface meetings to communicate priorities and progress. Overtime used to mitigate impacts of schedule delay.	Working - Critical	No Change	No change in trend over past month.
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.	Working - No Concerns	Decreased Confidence	Based on FY2013 funding projections, CHPRC is initiating a workforce restructuring action. HAMTC has been notified of reduction quantities as of July 2012.
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.	Working - No Concerns	No Change	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.	Working - No Concerns	No Change	Annex design/construction contract released in May.

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	6.2	6.4	4.7	0.2	3.8	1.7	27.1

Numbers are rounded to the nearest $0.1M

CM Schedule Performance (+$0.2M/3.8%)

Variance is within reporting thresholds.

CM Cost Performance (+$1.7M/27.1%)

The positive Cost Variance is the result of passbacks in July, efficiencies with Annex Construction Management resources, efficiencies realized in completing KPS processing of MCO #2, and loading the remaining three 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	313.5	310.7	313.6	(2.8)	-0.9	(2.9)	-0.9	539.3	533.3	6.0

Numbers are rounded to the nearest $0.1M

CTD Schedule Performance (-$2.8M/-0.9%)

Variance is within reporting thresholds.

CTD Cost Performance (-$2.9M/-0.9%)

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)

RL-0012 Spent Nuclear Fuel Stabilization and Disposition	FY2012 Projected Funding	FY2012 Spending Forecast	FY2012 Spend Variance
Base	87.0	84.7	2.2

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

BCR-012-12-002R0 – *RL-12 Corrections for PMB Rev 3*

BCR-012-12-003R0 – *RL-12 Incorporation of CO#173 for Pre-Conceptual Planning for K Basin Sludge Treatment Phase 2*

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

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

July 2012
CHPRC-2012-07, Rev. 0
Contract DE-AC06-08RL14788
Deliverable C.3.1.3.1 - 1

PROJECT SUMMARY

American Recovery and Reinvestment Act (ARRA)

No Legacy Mixed and Low-Level Waste (M/LLW) remains to be returned from Offsite processing facilities.

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 expected to be released week of 8/13/12; with completion of Phase 1 by the end of August and Phase 2 completion by mid-September. Phase 1 will be 2336W activities and Phase 2 will be 2404 WB & WC, Super High Efficiency Neutron Counter (SHENC) and High Energy – Real Time Radiography (HE-RTR) Activities. 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 a shipment from Pacific Northwest National Laboratory (PNNL) that contained a drum with tritium contamination, notifications were made and decontamination performed. Liquid Effluent Facilities (LEF) received 57 tankers (calendar year [CY] 234k gallons). 200A Treated Effluent Disposal Facility (TEDF) discharged 2.64 million gallons (CY 11.74M). Liquid Effluent Retention Facility (LERF) Basin 43 received 135k 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 (14 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	50% complete

TARGET ZERO PERFORMANCE

	CM Quantity	Rolling 12 Month	Comment
Days Away, Restricted or Transferred	0	0	N/A
Total Recordable Injuries	0	4	N/A
First Aid Cases	1	53	7/18/12 Employee bumped knee against a channel iron that was supporting a filter. (22823)
Near Misses	0	1	N/A

KEY ACCOMPLISHMENTS

ARRA

Lay-Up Activities

- ARRA scope is complete.
- Continued work on the FY2013 Performance Measurement Baseline (PMB) update.

Base

13.01 Project Management

- Continued Project Management support for high priority projects.

13.02 Capsule Storage & Disposition

- Replaced K-1 High-Efficiency Particulate Air (HEPA) filters (including K-1 annual ventilation inspection)
- Performed Annual Aerosol Testing of K-1 and K-3 HEPA filters
- Performed Annual Stack Probe Inspection
- Completed Emergency Preparedness drill

13.03 Canister Storage Building (CSB)

- Completed annual MCO Handling Machine (MHM) Grapple Inspections
- Loaded cold MCO H-027 into cask for shipment to K Basins
- Completed stack sample line inspection
- Continued with Knock-out Pot (KOP) MCO receipts.
- Completed annual 9 & 10 Sample/Weld station inspections

13.07 WRAP

- Identified Rough Order of Magnitude (ROM) estimate and schedule for options developed during WRAP strategic alignment sessions are progressing through the review process
- 2404WB final floor repairs will be completed based on priorities and resource allocation
- Completed final housekeeping drum exits from the Transuranic (TRU) Restricted Waste Management (RWM) glovebox

- Initiated close out calibrations on Process Area Radiological Control equipment
- Completed one TSR surveillance
- Completed 29 PM packages
- Completed 146 Rad Surveillances
- Completed 166 Operational Surveillances
- Performed annual Linear Accelerator calibrations (VJ Technologies)
- Performed semi-annual lubrication PM and semi-annual leak test and interlock test
- Completed Real Time Radiography (RTR) of 6 SWBs and 7 drums for verification

13.08 T-Plant

- Completed Technical Safety Requirement (TSR) quarterly combustible
- Completed four Technical Safety Requirement (TSRs) surveillances.
- Completed 21 Preventive Maintenance (PMs) packages.
- Completed 261 Rad Operational Surveillances.
- Completed 184 Operational Surveillances.
- Shipped three 5x5x9 boxes for disposal into Environmental Restoration Disposal Facility (ERDF) and four Standard Waste Boxes (SWB) to CWC
- Shipped 9 Universal Waste Accumulation Drums and 17 boxes of fluorescent light tubes to Core Component Receiving Station (CCRS)
- The 271-T Fire Alarm Control Panel was “locked-in” trouble alarm on 7/19/12 and repaired by Fire Systems Maintenance on 7/24/12

13.09 Central Waste Complex (CWC)

- Completed four Technical Safety Requirement (TSRs) surveillances.
- Completed 15 Preventive Maintenance (PMs) packages.
- Completed 186 Rad Operational Surveillances.
- Completed 59 Operational Surveillances.
- Completed and submitted to the Department of Energy (DOE) a Mixed Low-Level Waste (MLLW)/Transuranic Mixed (TRUM) waste inventory report to support request from Ecology
- Completed carport construction
- Completed LLBG 4C spill area cleanup and painting activities
- Continued with LLBG 4B spill area cleanup and painting activities
- Continued LLBG 12B housekeeping activities as part of our contingent planning
- Navy Reactor Compartment Shipments
  - o Completed DOE Boat and Coast Guard Inspection
    - Outboard motor is not functioning properly and repairs are being addressed
  - o Request for Service (RFS) authorizing funding is in final approval in CHPRC finance

13.11 Liquid Effluent Facilities (LEF)

- Received 57 tankers (calendar year [CY] 234k gallons)
- Treated effluent to State-Approved Land Disposal Site: 1.21M gallons (CY 9.46M)
- 200A Treated Effluent Disposal Facility (TEDF) discharged 2.64M gallons (CY 11.74M)
- Received Environmental Restoration Disposal Facility (ERDF) leachate (135k 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 67k 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
- Completed receipt of tankers from 323 Building
- Continued receiving purged water tankers from BP-5
- LERF Basin Activities
  - Supported MSA on wildlife mitigation activities,
  - Sampled the water on Basin 42 and 43 covers,
  - Performed 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:
  - Initiated inspection and repairs to Verification Tank A,
  - Repaired flow transmitter (FT-60F-273) on Reverse Osmosis unit,
  - Replaced pressure control valve (PCV-95D-001) on Cooling Water system,
  - Repaired valves on evaporator system (601-017, 601-016),
  - Performed Non-Destructive Evaluation on ground, concrete and blacktop to support future Operations and maintenance activities
    - Installation of material storage gate,
    - Pump Station 3 wall for new fixed ladder
    - Corners of LERF Catch Basins

13.12 Integrated Disposal Facility

- Completed 16 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 20 Radiological and four operational surveillances.
- Completed one TSR Surveillance.

MAJOR ISSUES

Issue – There was a biological contamination spread at LERF Basin 44. Resources have been deployed and will continue to be used in response and recovery.

Corrective Action – On-going surveys and air monitoring; working with MSA on bird deterrent methods; completed sampling of water and soil on basin cover.

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.	Working - No Concerns	Increased Confidence	Risk is very unlikely.
WSD-019: Commercial Capability	MLLW treatment capacity/capability does not meet Hanford needs or treatment does not occur as scheduled.	Working - Concern	Decreased Confidence	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.	Working - No Concerns	No Change	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.	Working - No Concerns	No Change	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.	Working - Concern	No Change	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.	Working - No Concerns	No Change	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.	Working - Concern	Decreased Confidence	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.	Working - Concern	No Change	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.	Working - No Concerns	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.
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	Working - No Concerns	Decreased Confidence	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.	Working - No Concerns	Decreased Confidence	Biological contamination has been detected and may be associated with LERF Basin 44. This represents a trigger condition where this risk may be realized.

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	0.0	0.0	(0.0)	0.0	0.0%	0.0	0.0%
TRU Waste	0.0	0.0	(0.1)	0.0	0.0%	0.1	0.0%
TRU Wst Facil Trans MinSafe	0.0	0.0	0.1	0.0	0.0%	(0.1)	0.0%
ARRA Total	**0.0**	**0.0**	**(0.1)**	**0.0**	**0.0%**	**0.1**	**0.0%**
Base	6.4	6.4	4.6	(0.0)	-0.6%	1.8	27.7%
Total	**6.4**	**6.4**	**4.5**	**(0.0)**	**-0.6%**	**1.8**	**28.7%**

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 (+$0.1M/-0.0%)

Minor variance is within reporting thresholds. Work scope is complete, but cost transfer was made to make correction.

Base

CM Schedule Performance (-$0.0M/-0.6%)

The unfavorable current period schedule variance is within threshold.

CM Cost Performance (+$1.8M/+28.7%)

The favorable current period cost variance is primarily attributed to the Labor Rate Passback and staff utilization rates which was partially offset by increased overhead allocations.

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	47.7	47.7	42.7	(0.0)	-0.0%	5.0	10.5%
TRU Waste	255.3	255.3	253.2	(0.0)	-0.0%	2.1	0.8%
TRU Wst Facil Tran MinSafe	1.5	1.5	1.5	0.0	0.0%	(0.0)	-2.1%
ARRA Total	**304.5**	**304.5**	**297.5**	**(0.0)**	**-0.0%**	**7.1**	**2.3%**
Base	380.9	380.7	383.0	(0.2)	-0.1%	(2.3)	-0.6%
Total	**685.4**	**685.2**	**680.4**	**(0.2)**	**-0.0%**	**4.8**	**0.7%**

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 (+$7.1M/+2.3%)

The positive cost variance due to efficiencies in Transuranic Waste (TRU) Characterization and Shipping, TRU Repackaging, T Plant and Waste Receiving and Processing Facility (WRAP), Mixed Low Level Waste (MLLW) efficiencies created by treating waste at Energy Solutions (ES) - Clive rather than planned treatment at Perma-Fix Northwest (PFNW) due to a waiver received from the Department of Energy (DOE), Environmental Restoration Disposal Facility (ERDF) negotiated rate reduction with vendor for waste containers, partially offset by increased materials and labor costs in support of the Trench Face Retrieval and Characterization System (TFRCS), and increased resources for TRU Retrieval deteriorated waste containers, increased allocations for additional office space and other assessments as a result of allocations to Recovery Act expenditures.

Base

CTD Schedule Performance (-$0.2M/-0.1%)

The negative CTD schedule variance is within threshold.

CTD Cost Performance (-$2.3M/-0.6%)

The unfavorable CTD cost variance is the result of MSA assessments above plan, TRU Retrieval additional resources to deal with FY2009 deteriorated containers and drum wedge issue, FY2009 WRAP facility increased levels of corrective and preventive maintenance activities as a result of repack operations, increased labor and subcontractors support for Transportation and Packaging; partially offset by efficiencies in Liquid Effluent Facility (LEF), MLLW, TRU Disposition, TRU Repackaging, Interim Storage Area upgrades, Capsule Storage and Disposition, MWDT and lower G&A allocations.

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 June to July, 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	84.1	0.1
RL-0013 Total	**88.8**	**88.7**	**0.1**

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

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

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. Ltr in draft to DOE-RL.
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. Ltr in draft to DOE-RL.
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			Ahead of 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

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July 2012
CHPRC-2012-07, Rev. 0
Contract DE-AC06-08RL14788
Deliverable C.3.1.3.1 - 1

PROJECT SUMMARY

Work included pump-and-treat (P&T) operations, 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 July includes the following:

- Collected 902 samples, resulting in 2,333 analyses.
- 23.1M gallons groundwater treated by KX treatment facility
- 8.7M gallons groundwater treated by KW treatment facility
- 12.3M gallons groundwater treated by KR-4 treatment facility
- 32.3M gallons groundwater treated by HX treatment facility
- 24.7M gallons groundwater treated by DX treatment facility
- 2.2M gallon groundwater treated by 200W treatment facility
- 103.4M 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	On Schedule
		Review and tally total number of gallons treated	Monthly	984.9M Gallons through 7/31/12

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	3	41	**7/10/2012 –** Employee stepped on a staple, it went through his shoe and penetrated the skin on the bottom of his foot. **(22817)** S&GRP **7/12/2012** – Employee felt a sting on her stomach and noticed a red spot. Employee was treated for potential spider bite. **(22818)** S&GRP **7/22/2012** – Employee experienced a burning sensation on her left forearm after checking that the lids on sample bottles were closed. She was examined for a minor nitric acid burn. **(22828)** S&GRP
Near-Misses	0	1	N/A

KEY ACCOMPLISHMENTS

Base - RL-0030.01 RL 30 Operations

Strategic Integration

- To ensure consistency across RI/FS documents, a tool was developed to compare the Table of Contents of 100-K, 100-D/H, 100-B/C, 100-F/IU and 100-N RI/FS documents. The tool provides a visual on how the documents compare to one another and is being used by the document leads to align the chapter sections.
- Initiated the development of 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. Working in conjunction with the MSA Long Term Stewardship Program.

Technical Integration

- PRC received the technical and cost proposal from MSA/LMSI for the TELLUS cluster, the proposed platform to replace the RANSAC cluster that is being phased out at PNNL by September 30, 2012. Management approval was received and procurement of the TELLUS system was initiated, with the goal to complete procurement and installation in FY2012. The new system:
  - Replaces the outdated RANSAC system which is no longer supported
  - Reduces the risk of system failure
  - Reduces the annual maintenance costs from $50K to $25K.

River Corridor

100-KR-4 Operable Unit

- RI/FS Report and Proposed Plan:
  - Working draft of Rev 0 reviewed by EPA. Several policy issues arose. Discussions between EPA and RL are ongoing.

300-FF-5 Operable Unit

- The Draft Rev. 0 Proposed Plan was provided to EPA for their review and comment on July 13, 2012. EPA's technical comments were received on July 24, 2012; and EPA's legal and Ecology's comments were received on July 30, 2012.

Central Plateau

200-UP-1 Operable Unit

- The Rev.0 Remedial Investigation/Feasibility Study (RI/FS) report and Proposed Plan were finalized and issued July 13 and July 16, 2012, respectively. The public review period started on July 17, 2012.
- All resin loaded to treat S-SX wells, remote operation of wells has been tested, and lines have been flushed with raw water.

200 West Pump and Treat

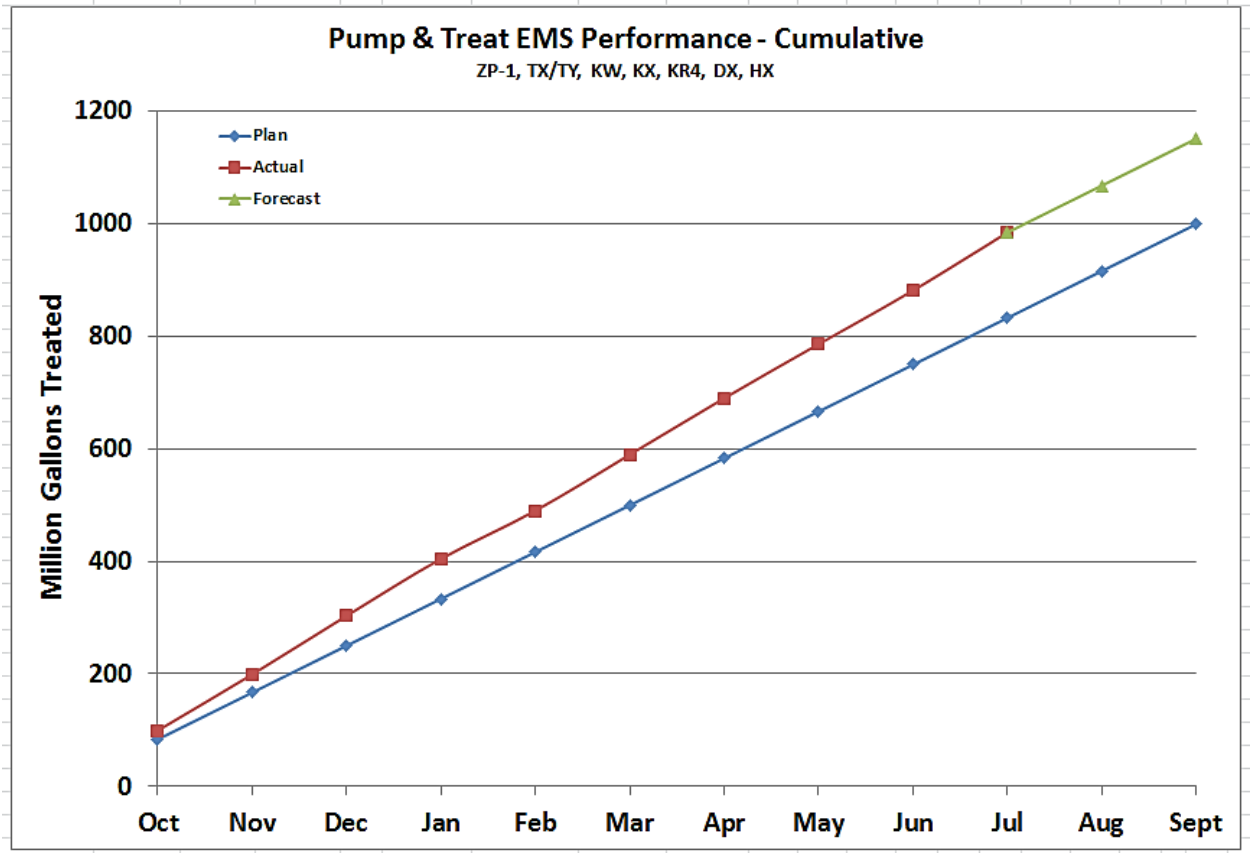
- Operational Test Procedure is underway. The P&T system ran during the day shift treating groundwater or ran in re-cycle mode when repairs were performed.
- Minor modifications to equipment and software continued through July to achieve continuous operations.

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 July 2012, approximately 49,875 gallons of effluent contaminated water have been removed from the perched water zone this fiscal year.

Pump and Treat Operations

P&T Operations is trending ahead of the goal of reaching one billion gallons of treated contaminated groundwater in FY2012.



MAJOR ISSUES

Issue - The number of comments on CERCLA document comments 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". Two specific issues are: 1. DOE and EPA agreement to use irrigation based soil PRGs for protection of groundwater surface water. 2. Working with the customer on a recent issue with "Ecological PRGs" used in the River Corridor RI/FS documents. Assisted customer in development of a white paper for discussion with the regulators. There has been an indication from the Regulators 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 –

- Maintain list of policy and technical decisions that remain open and have been resolved
- Development of detailed Field Execution Schedules
- Engagement of Assistant Manager for Central Plateau (AMCP) Management for technical decisions

- Initiated monthly meetings with Ecology and EPA to review specific technical topics associated with the RI/FS reports. BCR processed to address the realized risks

Status – AMCP Management is working with the Regulators to determine the appropriate path forward on policy level decisions. Evaluating the impacts of incorporating irrigation into the River Corridor RI/FS documents. Awaiting DOE direction on the path forward. For Ecological PRGs, meetings with the Regulators are scheduled in order to decide the path forward.

Issue – The 200 West Groundwater Treatment Facility Project has realized several work activities resulting in an increased Estimate to Complete (ETC) with an increased Variance at Completion (VAC). The changes in work activities have cost and schedule impacts. The extension of the retained staffing to complete the project and turn over to Operations was not included in the resource budget. The major areas of impact are:

- Vendor Equipment Repairs
- Well capacity and Fiber Optic
- Odor Control and Sludge Stabilization System (Lime)
- Programming Support/ Integration of Package Software Systems
- Ion Exchange Tank Repairs
- As-Building and Red Line Drawings

Corrective Action – The project continues to work the funding issues with the primary effort focused on claims negotiations and contract closeout.

Status – Project turned over to Operations with final contract negotiations continuing. The 200 W P&T Facility was successfully turned over to Operations on June 28, 2012. All future adjustments to the plant are being covered by minor modification activity under 200-ZP-1 P&T preventative and corrective maintenance. This will be the last report of this issue.

RISK MANAGEMENT STATUS

Unassigned Risk
Risk Passed
New Risk
Change

Working - No Concerns
Working - Concern
Working - Critical

Increased Confidence
No Change
Decreased Confidence

Risk Title	Risk Strategy/Handling	Assessment		Comments
		Month	Trend	
RL-030/WBS 030				
SGW-045: Regulator Comments Change Requirements	Routine meetings to remain current on influences from regulators, and provide technical justification for proposed path forward.	Concern	↓	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. This risk is in addition to the SGW-008 risk series.
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)	Concern	↔	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)	Concern	↔	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	Concern	↔	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.	Passed	↔	Based on FY2013 funding projections, CHPRC is initiating a workforce restructuring action.
SGW-008A: Significant Regulatory Comments - 100-KR-4	Routine meetings are already held with the regulators and RL during document development. No additional mitigation is feasible. Risk is accepted.	Concern	↓	Document has undergone significant changes due to EPA and RL comments received on Draft A document. These modifications have been reviewed with RL and sent on to EPA for review. Several issues (e.g., irrigation PRGs, ecological PRGs, etc.) remain unresolved. Decrease in confidence. Schedule of public review and ROD deliverable in jeopardy. Note: the risk was realized and addressed in BCR-030-12-021R0
SGW-008B: Regulatory Document Comments for 100-HR-3	Routine meetings are being held with regulators during document development; no additional mitigation is feasible.	Concern	↔	Routine monthly meetings with Ecology will continue through document development; additional emphasis will be placed on the RI/FS reports in future meetings. Note: the risk was realized and addressed in BCR-030-12-021R0

Risk Title	Risk Strategy/Handling	Assessment		Comments
		Month	Trend	
RL-030/WBS 030				
SGW-008C: Regulatory Document Comments - 100-BC-5	Routine meetings are being held with regulators during document development.			Routine meetings with Ecology will continue through document development. Note: the risk was realized and addressed in BCR-030-12-021R0
SGW-008D: Regulatory Document Comments - 100-NR-2	Routine meetings are being held with Ecology during document development and the 100K concepts are being incorporated. No additional mitigation is feasible at this time. Risk is accepted.			Routine meetings with Ecology will continue through document development. Note: the risk was realized and addressed in BCR-030-12-021R0
SGW-008E: Regulatory Document Comments – 100-FR-3	Routine meetings are being held with regulators during document development			Routine meetings with Ecology will continue through document development. Note: the risk was realized and addressed in BCR-030-12-021R0
SGW-008H: Regulatory Document Comments – 200-UP-1	Routine meetings are being held with regulators during document development.			The RI/FS and PP, Rev.0 were finalized and released.
SGW-008J: Regulatory Document Comments - 300-FF-5	Routine meetings were held with the regulators and RL during document development. Additional meetings are being held during document review. No additional mitigation is feasible. Risk is accepted.			EPA comments were received in February, April, May, and July resulting in several meetings to resolve. Several issues (e.g., ecological PRGs) remain unresolved. No changes in risk until RL's and EPA's concurrence on the revised documents are received. Note: the risk was realized and addressed in BCR-030-12-021R0
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.			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.			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.
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.

Risk Title	Risk Strategy/Handling	Assessment		Comments
		Month	Trend	
RL-030/WBS 030				
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	0.5	0.5	1.4	0.0	9.7	(0.9)	-171.9
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	**0.5**	**0.5**	**1.4**	**0.0**	**9.7**	**(0.9)**	**-181.3**
Base RL-0030.O1 RL 30 (Operations)	6.8	7.4	5.2	0.6	8.8	2.2	29.9
ARRA RL-0030.R1.3 Support Operations	0.0	0.0	(0.0)	0.0	0.0	0.0	0.0
Total	**7.2**	**7.9**	**6.6**	**0.6**	**8.9**	**1.3**	**16.3**

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/9.7%)

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) (+$0.6M)

200-ZP-1 (+$0.4M)

With the turnover of the 200 W Pump & Treat facility to operations the operations and maintenance accounts have now been statused as being on schedule. This has resulted in a current month positive schedule variance. Once OTP activities are completed operations of the P&T can proceed on schedule.

Deep Vadose Zone OU (+$0.5M)

The favorable schedule variance is a result of implementing BCR-030-12-023R0 which moved the BY Crib work scope from FY2012 into the out years. A point adjustment took place in July causing the positive schedule variance. Earlier in FY2012, the decision that was made to stop work on the BY Crib characterization activities due to funding constraints in FY2012.

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 (-$0.9M/-181.3%)

Base RL-0030.C1 GW Remedy Implementation (-$0.9M)

200-ZP-1 (-$0.9M)

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) (+$2.2M/29.9%)

Integration and Assessments (+$0.3M)

The positive cost variance in July is attributed to resources from Technical Integration, Background Calculations, and Remediation Decision Support to direct charging to the S&GRP projects for Decision Documents Support. In addition, efficiencies are being obtained through use of the enhanced or newly developed software being used in the sample planning and data management accounts. These savings are expected to continue through the remaining of the fiscal year.

GW Monitoring and Perf Assessments (-$0.4M)

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 (+$0.9M)

The current month cost variance is a result the delay in turning over the 200 W 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-30 CHPRC Allocations (+$0.3M)

Work Force Restructuring cost was booked in June, budget was in July resulting in a current month underrun. Year-to-date variance is zero.

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	73.0	73.0	80.6	0.0	0.0	(7.6)	-10.4	73.4	85.5	(12.2)
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	**288.8**	**288.8**	**293.8**	**0.0**	**0.0**	**(5.0)**	**-1.8**	**289.1**	**298.7**	**(9.6)**
Base RL-0030.O1 RL 30 (Operations)	445.7	447.9	445.3	2.2	0.5	2.6	0.6	1,158.8	1,149.5	9.4
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	**785.9**	**788.1**	**790.3**	**2.2**	**0.3**	**(2.2)**	**-0.3**	**1,499.4**	**1,499.4**	**0.0**

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) (+$2.2M/+0.5%)

100 NR-2 Operable Unit (+$2.6M)

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 (-$5.0M/-1.8%)

Base RL-0030.C1 GW Remedy Implementation (-$7.6M)

200-ZP-1 Operable Unit (-$7.6M)

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) (+$2.6M/0.6%)

Integration & Assessments (+$4.9M)

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 (-$2.4M)

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 (+$2.4M)

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 +1.0%.

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	124.5	0.2
RL-0030 Total	**125.3**	**125.1**	**0.2**

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-030-12-23R0 - *RL-30 FY2012 Scope Deferral Due to Funding Constraints*

FY2012 Management Reserve (Funded):

ARRA = $0.0M

Base = $0.0M

BCR-030-12-23R0 returned $1.1M to funds reserve in FY2012, see Management Reserve table in the CHPRC Overview.

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 workscope with anticipated FY2013 funding scenarios and Hanford site priorities.

Number	Title	Type	Due Date	Actual Date	Forecast Date	Status/ Comment
M-024-63-T01	Conclude Discussions of Well Commitments Initiated Under M-024-058 and Add a New Interim M-024 Milestone Commitment for 12/31/15	TPA	8/1/12	7/25/12		Complete. Change control package signed on July 25, 2012
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-016-120	GW Treatment System <50 gpm for Tc-99 Plume at S/SX Tank Farm	TPA	8/31/12		8/16/12	On Schedule
M-091-40L-035	Submit April to June 3rd Quarter FY2012 Burial Ground Sample Results	TPA	9/15/12		9/15/12	On Schedule
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
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

Number	Title	Type	Due Date	Actual Date	Forecast Date	Status/ Comment
M-016-110-T01	Take Actions to Contain or Remediate Hexavalent Cr 100A GW Plumes	TPA	12/31/12		9/28/12	On Schedule White paper providing basis for acceptance is being reviewed by RL.
M-091-40L-036	PMM Submittal Jul-Sep 4th Qtr. FY2012 Burial Ground Sample Results	TPA	12/15/12		12/15/12	On Schedule
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
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	Being worked by Ecology. Funding being evaluated.
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)

July 2012
CHPRC-2012-07, Rev. 0
Contract DE-AC06-08RL14788
Deliverable C.3.1.3.1 - 1

PROJECT SUMMARY

ARRA

Work continued on the Steam Pipe Asbestos removal. Continued with wrap and abatement work on the Steam Line near 200 West Powerhouse. Completed installation of asbestos safety labels on six 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	68% completed

TARGET ZERO PERFORMANCE

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

KEY ACCOMPLISHMENTS

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

- Established new ARRA subproject for Asbestos Abatement.

Base

- Completed 22 Radiation Area Remedial Action (RARA) radiological surveillances.
- Completed 96 RARA Operational Surveillances.
- Completed 36 preventive maintenance (PM) activities.
- Completed 67 Facility Radiological Surveillances.

- Completed annual radiological surveys of 200 East Radiation Area Remedial Action (RARA) sites and moved equipment to begin surveys in 200 West.
- Completed quarterly 200 East Treatment, Storage and Disposal (TSD) surveillance.
- Completed Independent Verification Review (IVR) to downgrade 209E DSA and completed transfer responsibility for 209-E to CP S&M.
- Supported Washington State Department of Health (WDOH) unscheduled inspection of the B Plant exhaust stack fans – no significant issues identified.
- Completed five-year structural inspections of 222-T, 224-T, B Plant and PUREX roofs
- Responded to power loss due to lightning storm on 7/16/12, power was restored to PUREX including exhaust fans and stack monitoring within required timeframe.
- Completed installation of asbestos safety labels on six of eight miles of abandoned steam lines in the 200 Area.
- Received semi-annual Argon fill for Fast Flux Test Facility (FFTF) fuel storage facility.
- Completed backfilling of W-42 ditch near U Plant.

MAJOR ISSUES

No major issues to report this month.

RISK MANAGEMENT STATUS

Unassigned Risk
Risk Passed
New Risk
Change

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.			Continuing corrective maintenance activities. No unplanned events encountered.
WSR-047: Unforeseen Waste Site Event	Unforeseen waste site event, including contamination or chemical spread, fire, industrial accident, structural degradation, etc. requires immediate disposition or modification to a waste site. Routine surveillance and maintenance of the waste sites, including herbicide applications, is designed to protect workers and the environment.			Continuing waste site inspections & surveillances. No unplanned events encountered.
WSR-007: More Extensive Contamination Than Expected	Cannot control extent of contamination; no mitigation.			No issues at this time.
WSR-008: No Action Waste Sites	Using L-8 table data; no mitigation.			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.			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.			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.			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.			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.			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	0.5	0.3	0.2	(0.2)	-44.5	0.1	47.2
ARRA Total	**0.5**	**0.3**	**0.2**	**(0.2)**	**-44.5**	**0.1**	**34.5**
Base	0.6	0.6	0.5	(0.0)	-0.0	0.1	15.4
Total	**1.2**	**0.9**	**0.7**	**(0.2)**	**-19.9**	**0.2**	**21.3**

Numbers are rounded to the nearest $0.1M

ARRA

CM Schedule Performance: (-$0.2M/-44.5%)

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

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

ARRA RL-0040.R1.4 Asbestos Abatement - The unfavorable schedule variance is the result of performance taken in a prior period for work planned in the current period.

CM Cost Performance: (+$0.1M/+34.5%)

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

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

ARRA RL-0040.R1.4 - The favorable cost variance is within threshold, but is primarily the result of a delay in transferring all of the incurred labor cost for the new ARRA Asbestos Abatement subproject.

Base

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

Variance is within reporting threshold.

CM Cost Performance: (+$0.1M/+15.4%)

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	0.6	1.1	0.5	0.5	87.0	0.5	50.1	1.8	1.8	0.0
ARRA Total	**284.2**	**284.7**	**265.8**	**0.5**	**0.2**	**18.9**	**6.6**	**285.5**	**267.1**	**18.4**
Base	77.1	76.9	69.5	(0.2)	(0.2)	7.4	9.6	363.2	355.8	7.4
Total	**361.3**	**361.6**	**335.3**	**0.3**	**0.1**	**26.3**	**7.3**	**648.7**	**622.9**	**25.8**

Numbers are rounded to the nearest $0.1M

ARRA

CTD Schedule Performance: (+$0.5M/+0.2%)

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 cost variance is primarily the result of a delay in transferring all of the incurred labor cost for the new ARRA Asbestos Abatement subproject.

CTD Cost Performance: (+$18.9M/+6.6%)

ARRA RL-0040.R1.1 U Plant/Other D&D - The positive cost variance is due to several factors including the favorable performance of the Cold and Dark and Sampling and Characterization/Waste Identification Form teams (D4); overhead allocations, less than anticipated resources for Program Management and C-3 Sampling; lower than planned costs for capital equipment (D4), and less asbestos abatement required for 200W buildings. This is offset by increased material and equipment costs, increased use of masks and respirators due to the unexpected asbestos levels in the ancillary buildings in U Ancillary (D4), coupled with increased insulator staff and the use of overtime to recover schedule, 200E Administration and 209E Project delays, less resources required at U Canyon (D4), and Usage Based Services higher than planned.

ARRA RL-0040.Rl.2 Outer Zone D&D - The favorable cost variance is due to efficiencies in Arid Lands Ecology (ALE), North Slope Facilities, disposition of railcars D&D, and Outer Area waste sites. The waste site favorable cost-to-date variance is primarily due to an O-Zone Remove, Treat, and Dispose (RTD) Waste Sites adjustments (pass back) to ERDF waste disposal costs reflecting the operational efficiencies of the super dump trucks. Within the waste sites area, this favorable cost variance is partially offset by higher than planned costs associated with remediation of pipelines. A negative cost variance is associated with increased costs for the 212N/P/R Project due to the walls of the basins being much thicker than estimated.

ARRA RL-0040.R1.4 - The favorable cost variance is primarily the result of a delay in transferring all of the incurred labor cost for the new ARRA Asbestos Abatement subproject.

Base

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

Variance is result of the B Plant Filter Change Out postponement (change out is now targeted for start of next FY).

CTD Cost Performance: (+$7.4M/+9.6%)

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

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 June to July for both ARRA and Base are within reporting thresholds.

FUNDS vs. SPEND FORECAST ($M)

	FY2012		
WBS 040/RL-0040 Nuclear Facility D&D	**Projected Funding**	**Spending Forecast**	**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

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

July 2012
CHPRC-2012-07, 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 on-going with installation of below-grade concrete pourbacks (overall 35% complete) and cleanout of combustible and hazardous materials inside the reactor building (overall 50% complete).

Continued processing of demolition debris and load out into ERDF containers for the 105KE Water Tunnel.

Continue sorting of all metals that will be loaded into ERDF containers for the 183.2 KE Sedimentation Basin. Demolition in the West bay area are now completed. Continued with demolition/processing of debris for the 183.7 KE pipe tunnel which is also part of the KE Sedimentation Basin Project.

Mobilized contractor early to conduct excavation and backfill of phase 1 sites. Continue to backfill in Area AA Zone 1.

Completed verification samples in Area AG Zone 2 and Stockpile #3.

Began verification samples in Area AG Zone 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	0	7	N/A
Near-Misses	0	0	N/A

KEY ACCOMPLISHMENTS

ARRA

Continued with backfill of 100K Waste Sites.

Base

Facilities

- Completed cleanout of hazardous and combustible materials from the tool dolly room from outside of the reactor building. Cleanout of the interior reactor building is 50% complete overall.
- Completed pourback installation for K56 effluent tunnel and all pourbacks on North side of the reactor building. Below-grade concrete pourbacks are 35% complete overall.
- Conducted meetings with top 3 technically qualified SSE bidders and requested best and final offers.
- Continued with demolition and load of the 105KE Water tunnel.
- Continued with demolition of the183.7 and 183.2 structures when resources allow.

Waste Sites

- Continued with excavation of Area AH and backfilled 100-K-47 at North West area of Area AG.
- Completed verification sampling at Area AG Zone 2 and began verification sampling at Area AG Zone 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.	Working - Concern	⟷	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.	Working - Concern	⟷	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.	Working - No Concerns	⟷	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.	Working - Concern	⟷	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.	Working - No Concerns	⟷	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.	Working - No Concerns	⟷	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.	Working - Critical	⟷	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.	Working - Critical	⟷	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.	Working - No Concerns	↓	Based on FY-13 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	0.2	0.6	1.0	0.4	187.7	-0.3	-56.0
Base	3.8	6.2	1.9	2.4	62.2	4.4	70.0
Total	**4.0**	**6.8**	**2.9**	**2.8**	**68.8**	**4.1**	**58.7**

Numbers are rounded to the nearest $0.1M

ARRA

CM Schedule Performance: (+$0.4M/+187.7%)

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

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

CM Cost Performance: -$0.3M/+56.0%)

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

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

Base

CM Schedule Performance (+$2.4M/+62.2%)

Waste Sites (+$0.9M) The positive schedule variance is due to updating several activities in Waste Site Area AG and AH that had been understated with performance. Also, Waste Site Area AG and AH are progressing well with sampling and remediation activities.

100K Area Project (Facilities and Others) (+$1.5M) The positive variance is due to obtaining favorable sampling results for the KE Sedimentation Basin. This allowed demolition/load out activities to continue and as a result, good progress was made during the month.

CM Cost Performance (+$4.1M/+58.7%)

Waste Sites (+$1.9M) The positive variance is due to less samples being required than planned and additional BCWP taken as a result of prior years activities that had not been statused as complete.

100K Area Project (+$2.2M) 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	179.2	178.6	180.9	(0.6)	-0.3	(2.3)	-1.3	179.7	180.7	(1.0)
Base	103.4	103.1	87.0	(0.3)	-0.3	16.2	15.7	337.6	325.2	12.4
Total	**282.6**	**281.7**	**267.8**	**(0.9)**	**-0.3**	**13.9**	**4.9**	**517.4**	**506.0**	**11.4**

Numbers are rounded to the nearest $0.1M

ARRA

CTD Schedule Performance: (-$0.6M/-0.3%)

Waste Sites (-$0.6M) The negative variance is due to backfills for Waste Sites being behind due to the activity being level loaded. Backfill will not occur until mid to late summer.

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

CTD Cost Performance: (-$2.3M/-1.3%)

Waste Sites (+$8.5) The positive cost variance is due to Confirmatory Sampling No Action (CSNA) sites that were completed at less than anticipated cost. This is partially offset by greater than anticipated extent and severity of contamination on many waste sites resulting in more tons disposed and more controls required, thus higher than anticipated cost.

100K Area Project (-$10.8M) The negative cost variance is due to numerous design changes and additional punch list items in the Utilities Reroute project; this also resulted in the project utilizing more vehicles and equipment than was originally planned as well as the Project Management costs to rise due to the corresponding increases for both labor and materials.

Base

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

Waste Sites (+$2.2M) The positive schedule variance is due to CSNA sites that were early.

100K Area Project (Facilities and Others) (-$2.6M) The negative schedule variance is due to being behind on K East Sedimentation, 105KE Water Tunnel, and ISS due to limited resources and additional sampling for the K East Sedimentation Basin.

CTD Cost Performance (+$16.2M/+15.7%)

Waste Sites (+$11.6M) The positive cost variance is due to CSNA sites that were completed at less than anticipated cost. This is partially offset by greater than anticipated extent and severity of contamination on many waste sites resulting in more tons disposed and more controls required, thus higher than anticipated cost, as well as level-of-effort activities bearing additional costs for increased functional group support.

100K Area Project (Facilities and Others) (+$4.6M) The positive cost variance is due to 105KE Reactor Disposition – ISS underrun as well as 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	33.3	1.3
RL-0041 Total	**41.1**	**39.8**	**1.3**

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

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

July 2012
CHPRC-2012-07, 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

Completed repair of fire alarm bell in FFTF to close out restriction.

Completed five Radiological 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	0.1	0.1	0.1	(0.0)	-0.0%	0.1	53.9%
Numbers are rounded to the nearest $0.1M							

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

The current month schedule variance is within reporting thresholds.

CM Cost Performance: (+$0.1M/+53.9%)

The current month cost variance is the result of a labor passback.

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	13.5	13.5	11.8	0.0	0.0%	1.7	12.4%	26.2	24.8	1.4
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 (+$1.7M/+12.4%)

The favorable cost variance reflects reduction in surveillance and maintenance requirements as the facility deactivation reached completion. Efficient use of resources to support deactivation activities with available time further aided in creating this favorable cost variance.

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 June to July 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	0.2

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 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

July 2012
CHPRC-2012-07, 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 / 06 / 25
b. LOCATION (Address and ZIP Code) Richland, WA	b. NUMBER RL14788		b. PHASE	b. TO (YYYYMMDD) 2012 / 07 / 22
	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	24,885	239,089	5,861,382	5,845,329	5,861,382	5,845,329	

6. ESTIMATED COST AT COMPLETION

	MANAGEMENT ESTIMATE AT COMPLETION (1)	CONTRACT BUDGET BASE (2)	VARIANCE (3)
a. BEST CASE	5,495,653		
b. WORST CASE	5,648,299		
c. MOST LIKELY	5,606,239	5,647,178	40,939

7. AUTHORIZED CONTRACTOR REPRESENTATIVE

a. NAME (Last, First, Middle Initial)	b. TITLE	d. DATE SIGNED
Bang, M.V.	Prime Contract Manager	7/22/2012
c. SIGNATURE		

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	7,048	8,271	6,551	1,222	1,720	510,407	507,031	518,362	(3,376)	(11,331)	0	0	0	893,830	903,395	(9,565)
012 RL-12 SNF Stabilization and Disposition	6,163	6,399	4,663	236	1,737	313,530	310,691	313,600	(2,839)	(2,909)	0	0	0	539,314	533,321	5,993
013 RL-13 Solid Waste Stabilization & Disposition	6,414	6,375	4,546	(39)	1,829	685,432	685,219	680,428	(213)	4,791	0	0	0	1,412,894	1,406,341	6,553
030 RL-30 Soil & Wtr Remediatn Grndwtr/Vadose Zone	7,240	7,882	6,594	642	1,288	785,863	788,069	790,297	2,206	(2,228)	0	0	0	1,499,360	1,498,911	449
040 RL-40 Nuclear Facility D&D Remainder of Hanford	1,171	938	738	(233)	200	361,328	361,637	335,323	309	26,314	0	0	0	648,745	622,926	25,819
041 RL-41 Nuclear Facility D&D - River Corridor	4,062	6,856	2,832	2,793	4,024	282,646	281,738	267,843	(908)	13,894	0	0	0	517,368	505,976	11,392
042 RL-42 FFTF Closure	140	140	64	(0)	75	13,477	13,477	11,807	0	1,669	0	0	0	26,202	24,782	1,420
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	**32,238**	**36,859**	**25,987**	**4,622**	**10,873**	**2,952,682**	**2,947,862**	**2,917,661**	**(4,821)**	**30,201**	0	0	0	**5,537,713**	**5,495,653**	**42,060**
f. Management Reserve														110,586		
g. Total	**32,238**	**36,859**	**25,987**	**4,622**	**10,873**	**2,952,682**	**2,947,862**	**2,917,661**	**(4,821)**	**30,201**	0	0	0	**5,648,299**		
9. Reconciliation to CBB																
a. Variance Adjustment																
b. Total Contract Variance									**(4,821)**	**30,201**				**5,648,299**	**5,495,653**	**152,646**

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 / 06 / 25
b. LOCATION (Address and ZIP Code) Richland, WA	b. NUMBER RL14788		b. PHASE	b. TO (YYYYMMDD) 2012 / 07 / 22
	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	394	421	273	27	149	36,056	35,880	32,840	(176)	3,040	0	0	0	79,670	76,438	3,232
	394	**421**	**273**	**27**	**149**	**36,056**	**35,880**	**32,840**	**(176)**	**3,040**	**0**	**0**	**0**	**79,670**	**76,438**	**3,232**
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	364	364	0	0	364	364	364	364	0	(0)	0	0	0	1,818	1,818	(0)
012.7W - PRC WFR	237	237	0	0	237	237	237	237	0	(0)	0	0	0	1,363	1,363	(0)
013.7W - PRC WFR	357	357	0	0	357	357	357	358	0	(0)	0	0	0	1,702	1,702	(0)
030.7W - PRC WFR	268	268	0	0	268	268	268	269	0	(0)	0	0	0	1,705	1,706	(0)
040.7W - PRC WFR	48	48	0	0	48	48	48	48	0	0	0	0	0	224	224	0
041.7W - PRC WFR	56	56	0	0	56	56	56	56	0	0	0	0	0	337	337	0
042.7W - PRC WFR	6	6	0	0	6	6	6	6	0	0	0	0	0	33	33	0
	1,337	**1,337**	**0**	**0**	**1,337**	**1,337**	**1,337**	**1,337**	**0**	**(0)**	**0**	**0**	**0**	**7,182**	**7,182**	**(0)**
3B - PFP Closure, BOS & Infrastructure																
011.1 - Plutonium Finishing Plant	6,684	7,906	6,551	1,222	1,356	427,002	423,626	441,810	(3,376)	(18,184)	0	0	0	808,971	825,390	(16,419)
	6,684	**7,906**	**6,551**	**1,222**	**1,356**	**427,002**	**423,626**	**441,810**	**(3,376)**	**(18,184)**	**0**	**0**	**0**	**808,971**	**825,390**	**(16,419)**
3C - W&FMP/D&D Project																
012.1 - 100 K Area Project	1,924	1,924	1,179	0	745	110,069	110,069	112,580	0	(2,511)	0	0	0	197,687	200,179	(2,492)
012.2 - Sludge Treatment Project	4,001	4,238	3,483	236	754	150,803	147,964	148,547	(2,839)	(583)	0	0	0	287,843	279,543	8,300
013.1 - Waste Management	6,056	6,017	4,546	(39)	1,471	580,153	579,940	574,298	(213)	5,643	0	0	0	1,306,271	1,298,867	7,405
040.1 - PRC D&D	530	297	205	(233)	91	190,256	190,750	187,133	494	3,617	0	0	0	290,804	287,413	3,390
040.2 - D&D Fac Waste Site Remediation	0	0	(1)	0	1	67,490	67,600	60,118	110	7,482	0	0	0	187,262	179,890	7,372
041.1 - River Zone	2,142	3,741	1,378	1,599	2,363	165,407	162,926	178,302	(2,481)	(15,376)	0	0	0	358,982	373,448	(14,466)
041.3 - Waste Sites	1,865	3,059	1,454	1,195	1,605	64,648	66,221	46,212	1,573	20,009	0	0	0	105,514	88,918	16,596
042.1 - FFTF	133	133	64	(0)	69	11,867	11,867	10,287	0	1,580	0	0	0	24,566	23,235	1,331
040.3 - PRC Fac & Waste Site Maint	593	593	533	(0)	61	32,267	31,972	29,839	(295)	2,133	0	0	0	99,188	97,214	1,974
	17,245	**20,002**	**12,842**	**2,757**	**7,160**	**1,372,960**	**1,369,309**	**1,347,316**	**(3,651)**	**21,993**	**0**	**0**	**0**	**2,858,117**	**2,828,707**	**29,410**
3D - Soil & Groundwater Remediation																
030.1 - Soil & GW Remediation	6,139	6,709	4,918	570	1,791	380,881	383,254	367,002	2,373	16,252	0	0	0	1,045,193	1,022,339	22,855
	6,139	**6,709**	**4,918**	**570**	**1,791**	**380,881**	**383,254**	**367,002**	**2,373**	**16,252**	**0**	**0**	**0**	**1,045,193**	**1,022,339**	**22,855**
3F - Engineering, Projects & Construction																
030.3 - EPC - Groundwater	438	483	1,403	44	(921)	272,737	272,747	287,041	10	(14,294)	0	0	0	276,872	295,283	(18,411)
	438	**483**	**1,403**	**44**	**(921)**	**272,737**	**272,747**	**287,041**	**10**	**(14,294)**	**0**	**0**	**0**	**276,872**	**295,283**	**(18,411)**
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	**32,238**	**36,859**	**25,987**	**4,622**	**10,872**	**2,952,682**	**2,947,862**	**2,917,661**	**(4,821)**	**30,201**	**0**	**0**	**0**	**5,537,713**	**5,495,653**	**42,060**
f. Management Resrv.														110,586		
g. Total	**32,238**	**36,859**	**25,987**	**4,622**	**10,872**	**2,952,682**	**2,947,862**	**2,917,661**	**(4,821)**	**30,201**	**0**	**0**	**0**	**5,648,299**		

July 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: 2012/06/25 b. TO: 2012/07/22

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	24,885	$5,647,178	$5,648,300	($1,121)

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

BUDGETED COST FOR WORK SCHEDULED (NON - CUMULATIVE)

ITEM	BCWS CUM TO DATE	BCWS FOR REPORT PERIOD	SIX MONTH FORECAST +1 Aug-12	+2 Sep-12	+3 Oct-12	+4 Nov-12	+5 Dec-12	+6 Jan-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)	**2,920,445**	**28,910**	**44,180**	**42,680**	**29,694**	**43,725**	**38,478**	**40,209**	**653,426**	**960,017**	**1,002,105**	**424,652**	**2,483,894**	**0**	**5,524,094**
b. BASELINE CHANGES AUTH DURING REPORT PERIOD															
BCR-011-12-004R0 - PFP FY 2012 Scope Changes Associated with FY 2013 Funding Constraints												**(2,332)**	**2,486**		**154**
BCR-012-12-002R0 - RL-12 Corrections for PMB Rev 3												**(1,058)**	**2,857**		**1,799**
BCR-012-12-003R0 - RL-12 Incorporation of CO#173 for Pre-Conceptual Planning for K Basin Sludge Treatment Phase 2												**(30)**	**3,961**		**3,931**
BCR-013-12-004R0 - Defer T Plant Operations Ramp Up												**(1,209)**	**1,242**		**33**
BCR-030-12-023R0 - RL-30 FY12 Scope Deferral Due to Funding Constraints												**(1,079)**	**1,599**		**520**
BCR-PRC-12-018R0 - FY2012 Workforce Restructuring												**7,182**	**0**		**7,182**
c. PM BASELINE (END OF PERIOD)	**2,952,683**	**32,238**	**42,378**	**46,614**	**31,445**	**45,847**	**39,719**	**41,730**	**653,426**	**960,017**	**1,002,105**	**426,126**	**2,496,039**	**0**	**5,537,713**
7. MANAGEMENT RESERVE															**110,586**
8. TOTAL															**5,648,300**

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 / 06 / 25
b. LOCATION (Address and ZIP Code) Richland, WA	b. NUMBER RL14788	b. PHASE	b. TO (YYYYMMDD) 2012 / 07 / 22
	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 Aug	+2 Sep	+3 Oct	+4 Nov	+5 Dec	+6 Jan	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	514	7	7	7	7	7	7	56	420	1,032
	6	**514**	**7**	**7**	**7**	**7**	**7**	**7**	**56**	**420**	**1,032**
32 - Safety, Health, Security & Quality											
000.2 - Safety,Health,Security/Quality	52	4,320	65	63	61	61	61	61	487	2,889	8,068
	52	**4,320**	**65**	**63**	**61**	**61**	**61**	**61**	**487**	**2,889**	**8,068**
34 - Environmental Prog & Strategic Planning											
000.4 - Environmental Prog & Strategic Planning	18	931	20	20	21	21	21	21	180	957	2,193
030.2 - Envr Prog & Strategic Planning	12	1,356	20	21	22	22	22	22	172	1,702	3,358
	30	**2,287**	**40**	**41**	**43**	**43**	**43**	**43**	**352**	**2,660**	**5,550**
35 - Business Services											
000.6A - Expense PSD	0	1,302	0	0	0	0	0	0	0	0	1,302
000.8 - Chief Financial Officer	80	5,039	92	93	99	99	99	99	794	5,579	11,993
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
	80	**6,686**	**92**	**93**	**99**	**99**	**99**	**99**	**794**	**5,579**	**13,638**
36 - Prime Contract & Project Integration											
000.7 - Contract and Baseline Management	30	1,779	33	36	42	42	42	42	336	2,373	4,725
	30	**1,779**	**33**	**36**	**42**	**42**	**42**	**42**	**336**	**2,373**	**4,725**
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	343	25,392	456	455	521	534	534	531	4,448	8,724	41,596
	343	**25,392**	**456**	**455**	**521**	**534**	**534**	**531**	**4,448**	**8,724**	**41,596**
3C - W&FMP/D&D Project											
012.1 - 100 K Area Project	75	6,196	94	94	105	105	105	105	838	2,266	9,907
012.2 - Sludge Treatment Project	145	5,171	182	177	156	156	156	137	900	2,641	9,677
013.1 - Waste Management	277	30,274	336	333	361	361	361	361	2,903	25,043	60,334
013.3 - Solid Waste Variable	8	609	9	9	9	9	9	9	72	540	1,275
040.1 - PRC D&D	12	7,490	3	7	0	0	0	0	0	3,563	11,063
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	32	1,958	39	39	51	49	40	40	345	2,318	4,880
041.1 - River Zone	70	5,495	73	71	48	48	48	48	383	3,626	9,840
041.3 - Waste Sites	12	1,053	11	14	3	1	0	0	2	898	1,982
042.1 - FFTF	4	567	5	5	7	7	7	7	55	413	1,073
	635	**60,155**	**752**	**750**	**740**	**736**	**727**	**708**	**5,497**	**42,733**	**112,796**
3D - Soil & Groundwater Remediation											
030.1 - Soil & GW Remediation	195	14,934	242	240	276	280	288	291	2,598	16,238	35,389
	195	**14,934**	**242**	**240**	**276**	**280**	**288**	**291**	**2,598**	**16,238**	**35,389**
3F - Engineering, Projects & Construction											
000.F - Eng/Procurement & Construction	14	1,175	17	18	16	16	16	16	125	766	2,163
030.3 - EPC - Groundwater	12	3,319	22	10	0	0	0	0	26	128	3,505
	26	**4,494**	**39**	**28**	**16**	**16**	**16**	**16**	**151**	**894**	**5,668**
Grand Totals:	**1,396**	**120,564**	**1,726**	**1,713**	**1,804**	**1,817**	**1,816**	**1,798**	**14,719**	**82,509**	**228,465**

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)** 2012/06/25
b. LOCATION (Address and ZIP Code) Richland, WA 99354	**b. NUMBER** RL		**b. PHASE** Base and ARRA	**b. TO (YYYY/MM/DD)** 2012/07/22
	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:	32,238	36,859	25,987	4,622	14.3%	10,873	29.5%	1.14	1.42
Cumulative:	2,952,683	2,947,862	2,917,661	(4,821)	-0.2%	30,201	1.0%	1.00	1.01
	BAC	EAC	VAC in $	VAC in %	CPI to BAC	CPI to EAC			
At Complete:	5,537,713	5,495,653	42,060	0.8%	1.0	1.0			

Explanation of Variance/Description of Problem:

Current Period Schedule Variance: The favorable Schedule Variance (+$4.6M) reflects the following:

The PBS RL-11 positive variance (+$1.2M) is due to a single point adjustment of BCWS resulting from replanned 234-5Z work scope via BCR-011-12-004R0, PFP FY2012 Scope Changes Associated with FY2013 Funding Constraints, and progress earned on scope scheduled to be complete in prior periods. The positive variance is offset by delays experienced in 234-5Z glovebox and process piping removal resulting from fissile LCO restriction (due to power outage), contamination event, emergency response, resource availability and delays in PRF due to canyon crane truck (trolley) damage that occurred early in the month. The RL-12 combined 100K and STP positive variance (+$0.2M) is within reporting thresholds. The RL-13 negative variance (-$0.0M) is within reporting thresholds. The RL-30 positive variance (+$0.6M) is due to implementation of BCR-030-12-023R0 (RL-30 FY2012 Scope Deferral due to Funding Constraints). The BCR moved work scope that was previously planned in FY2012 but was stopped due to funding constraints. In addition, 200W Pump & Treat was transferred from construction to operations allowing performance to be taken for work that had been planned in previous months. No further impacts are expected as a result of these changes. The RL-40 negative variance (-$0.2M) is within reporting thresholds. The RL-41 positive variance (+$2.8M) is due to work that has been behind schedule in the prior months is beginning to make good progress. Both the 105KE Water Tunnel and the KE Sedimentation Basin had positive schedule variances for the month. In addition, after a review of FY2011 Waste Site activities that were still opened, it was determined that several of them could be closed; therefore, additional performance was received for the month. The RL-42 variances (-$0.0M) are within reporting thresholds.

Current Period Cost Variance: The favorable Cost Variance (+$10.9M) reflects the following:

The PBS RL-11 positive variance (+$1.7M) primarily from lower labor cost due to credit for over-contributed workman's compensation and lower-than-planned rate; workforce restructuring progress earned on costs incurred in the prior period; lower staff levels due to June 2012 workforce restructure, vacation, attrition, and RMA/RMC progress earned on Base-funded activities, with actual costs being collected under ARRA. 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. The RL-12 combined 100K and STP positive variance (+$1.7M) is the result of passbacks in July, efficiencies with Annex Construction Management resources, efficiencies realized in completing KPS processing of MCO #2 and loading the remaining three copper inserts. MSA support was less than forecast for the period and BCWP for the June WFR was earned in July with actual costs posted in June. The RL-13 positive variance (+$1.8M) is primarily attributed to the Labor Rate Passback and was partially offset by increased overhead allocations. The RL-30 positive variance (+$1.3M) is due to implementation of SIR-700 resin in KR-4 P&T operations has resulted in cost savings in material procurements and processing and sampling cost from what was planned for using the old Dowex 21k resin. Some labor resources budgeted in level of effort activities were temporarily shifted to support 200W P&T startup activities contributing to the current month underrun; and Work Force Restructuring costs that were booked in June were budgeted in July also causing a current month underrun. The RL-40 positive variance (+$0.2M) is within reporting thresholds. The RL-41 positive variance (+$4.0M) is partially due to taken performance on FY2011 Waste Site activities that were either completed or no longer required. In addition, less remediation is being required than planned for both Waste Site Areas AG and AH. The RL-42 positive variances are within reporting thresholds (+$0.0M).

Cumulative Schedule Variance: The unfavorable Cumulative Schedule Variance (-$4.8M) is within reporting thresholds and reflects the following:

The PBS RL-11 negative variance (-$4.6M) is within reporting thresholds. The RL-12 negative variance (-$2.8M) is within reporting thresholds. The RL-13 negative variance (-$0.2M) is within reporting thresholds. The RL-30 positive variance (+$2.2M) is within reporting thresholds. The RL-40 positive variance (+$0.3M) is within reporting thresholds. The RL-41 negative variance (-$0.9M) is within reporting thresholds. The RL-42 variances are within reporting thresholds.

Cumulative Cost Variance: The favorable cost variance (+$30.2M) is within reporting thresholds and consists of favorable and unfavorable cost variances in direct projects (+$8.3M) and prior year G&A/DD/PSD distribution variances (+21.9M).

Impact:

Current Period Schedule: For PBS RL-11, schedule performance improved this period. For RL-12, no significant impact. For RL-13, there is no current period schedule impact. For RL-30, there is no impact associated with the current month positive schedule variance. For RL-40, current period schedule variance is within threshold and there is no significant impact. For RL-41, current period schedule impacts are the same as the CTD

schedule impacts (see below). For RL-42, there is no impact associated with the schedule variance.

Current Period Cost: For PBS RL-11, cost performance improved this period. For RL-12, no significant impact. For RL-13, there is no Cost impact. For RL-30, no significant impact. For RL-40, current period cost variance is within threshold and there is no significant impact. For RL-41, minimal impact is expected due to the overall positive variance. For RL-42, there is no impact associated with the cost variance.

CTD Schedule: For PBS RL-11, KPP - Given the schedule impacts to date and the remaining time to recover, the PFP project will continue working four field work teams until the completion of the KPP glovebox work scope 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. This change is being 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 six months 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 expectation continues for VE initiatives, once implemented, to produce schedule savings that will recover behind-schedule status. 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 September 30, 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: July 21, 2015. TPA Milestone M-083-00A, Complete PFP Facility Transition and Selected Disposition Activities. Due: September 30, 2016 Forecast: May 17, 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, continue to be evaluated. 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.

Corrective Action:

Current Period Schedule: For PBS RL-11, see CTD Schedule. For RL-12, no corrective actions required. For RL-13, no corrective action required. For RL-30, no corrective actions are required. For RL-40, no corrective actions are required at this time. For RL-41, the current period schedule corrective actions are the same as CTD schedule corrective actions (see below). For RL-42, no corrective actions required.

Current Period Cost: For PBS RL-11, see CTD Cost. For RL-12, no corrective actions required. No cost corrective actions are required for RL-13. For RL-30, no corrective actions are required. For RL-40, no corrective actions are required at this time. 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. For RL-42, no 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. Value Engineering (VE) Initiatives: Last Month: Evaluation and implementation continues. STATUS: Major initiatives are being tracked in the field executions schedule; therefore, this action is marked CLOSED. Significant progress has been made on the Enhanced Time on Tools initiative, resulting in improved resource allocation, increased ready-to-work packages, and reduced down time. The Remove TRU Whole initiative has also made significant progress: gloveboxes have been identified and screened against criteria, the HNF-0063 Waste Exception Request has been sent to DOE-RL for approval, and the first glovebox (HC-21A) is ready for transfer to SWOC, once the exception has been granted (expected in August). This initiative has been factored into the FY2013 PMB Update. For RL-12, no corrective actions required. For RL-13, no corrective action required. For RL-30, no corrective action required. For RL-40, no corrective actions are required at this time. 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. For RL-42, no corrective actions required.

CTD Cost: For PBS RL-11, other than implementing initiatives discussed above, no specific corrective actions are planned at this time. For RL-12, no corrective actions required. For RL-13, no corrective action required. 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-40, no corrective actions are required at this time. 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. For RL-42, no corrective actions are required at this time.

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

The current month favorable schedule variance is primarily due to single point adjustments of BCWS resulting from replanned work scope and progress earned on scope scheduled to be complete in prior periods in RL-0011, RL-0030 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 credits, passbacks, efficiencies, cost savings and performance taken on FY2011 Waste Site activities that were either completed or no longer required. 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.

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

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

Variance in Performance BAC and EAC: The variance at complete (VAC) between the BAC and EAC this month is a positive $42.1 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	$24,885,480
Approved Adjustments to Contract Price (not reflected in B.4-1 Table)		
	Total Negotiated Cost Changes	-
	Grand Total Adjustments	$24,885,480

Use of Management Reserve (MR):

Management Reserve Utilization

BCR Number	Title	Fiscal Year	MR (ARRA) & PBS	MR (Base) & PBS
BCR-011-12-004R0	*PFP FY2012 Scope Changes Associated with FY2013 Funding Constraints*	2012-2014	N/A	-$154K
BCR-012-12-002R0	*RL-12 Corrections for PMB Rev 3*	2012-2016	N/A	-$1,799K
BCR-013-12-004R0	*Defer T Plant Operations Ramp Up*	2012-2013	N/A	-$33K
BCR-030-12-023R0	*RL-30 FY2012 Scope Deferral Due to Funding Constraints*	2012-2013	N/A	-520K
BCR-PRC-12-018R0	*FY2012 Workforce Restructuring*	2012	N/A	-7,189K
Overall MR Change in July 2012 decreased -$9,645K				

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 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

July 2012
CHPRC-2012-07, 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 / 06 / 25
b. LOCATION (Address and ZIP Code) Richland, WA	b. NUMBER RL14788		b. PHASE	b. TO (YYYYMMDD) 2012 / 07 / 22
	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	1,376,675	1,379,515	1,376,675	

6. ESTIMATED COST AT COMPLETION

7. AUTHORIZED CONTRACTOR REPRESENTATIVE

	MANAGEMENT ESTIMATE AT COMPLETION (1)	CONTRACT BUDGET BASE (2)	VARIANCE (3)
a. BEST CASE	1,304,204		
b. WORST CASE	1,325,575		
c. MOST LIKELY	1,304,204	1,307,044	2,840

a. NAME (Last, First, Middle Initial)	b. TITLE	c. SIGNATURE	d. DATE SIGNED (YYYYMMDD)
Bang, M.V.	Prime Contract Manager		2012 / 07 / 22

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	(1,126)	819	932	1,945	(113)	288,640	285,097	294,710	(3,543)	(9,613)	0	0	0	288,640	297,390	(8,750)
RL-0013C.R1.1 MLLW Treatment	0	0	(0)	0	0	47,707	47,707	42,692	(0)	5,015	0	0	0	47,707	41,363	6,344
RL-0013C.R1.2 TRU Waste	0	0	(130)	0	130	255,312	255,312	253,228	(0)	2,084	0	0	0	255,312	251,768	3,543
RL-0013C.R1.3 TRU Wst Facil Trans MinSafe	0	0	69	0	(69)	1,500	1,500	1,532	0	(32)	0	0	0	1,500	1,497	3
RL-0030.R1.1 GW Capital Asset	0	0	48	0	(48)	175,008	175,008	174,842	0	166	0	0	0	175,008	174,842	166
RL-0030.R1.2 GW Operations	0	0	(1)	0	1	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	39	0	(39)	199,391	199,391	193,632	(0)	5,759	0	0	0	199,391	193,632	5,759
RL-0040.R1.2 Outer Zone D&D	0	0	(2)	0	2	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	524	291	153	(233)	137	568	1,061	530	494	531	0	0	0	1,845	1,813	32
RL-0041.R1.1 100 K Area Remediation	214	615	959	401	(344)	179,197	178,600	180,859	(597)	(2,259)	0	0	0	179,749	180,744	(995)
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	(389)	1,724	2,068	2,113	(344)	1,323,747	1,320,100	1,303,180	(3,647)	16,921	0	0	0	1,325,575	1,304,204	21,372
f. Management Resrv.														0		
g. Total	(389)	1,724	2,068	2,113	(344)	1,323,747	1,320,100	1,303,180	(3,647)	16,921	0	0	0	1,325,575		
9. Reconciliation to CBB																
a. Variance Adjustment									0	0						
b. Total Contract Variance									(3,647)	16,921				1,325,575	1,304,204	21,372

FORMAT 3, DD FORM 2734/3, BASELINE

CONTRACT PERFORMANCE REPORT			Form Approved
July Monthly Report - ARRA	**FORMAT 3 - BASELINE**	**DOLLARS IN THOUSANDS**	**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: 2012/06/25 b. TO: 2012/07/22

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	$1,325,575	($18,531)

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 Aug-12	+2 Sep-12	+3 Oct-12	+4 Nov-12	+5 Dec-12	6+ Jan-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)	**1,324,136**	**1,513**	**979**	**849**	**0**	**0**	**0**	**0**	**161,538**	**565,906**	**585,572**	**13,685**	**0**	**0**	**1,326,702**
b. BASELINE CHANGES AUTH DURING REPORT PERIOD												**(1,126)**			**(1,126)**
BCR-011-12-004R0 - PFP FY 2012 Scope Changes Associated with FY 2013 Funding Constraints															**0**
c. PM BASELINE (END OF PERIOD)	**1,323,747**	**(389)**	**979**	**849**	**0**	**0**	**0**	**0**	**161,538**	**565,906**	**585,572**	**13,685**	**0**	**0**	**1,325,575**
7. MANAGEMENT RESERVE															**0**
8. TOTAL															**1,325,575**

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) 2012/06/25
b. LOCATION (Address and ZIP Code) Richland, WA 99354	b. NUMBER RL		b. PHASE ARRA	b. TO (YYYY/MM/DD) 2012/07/22
	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:	-389	1,724	2,068	2,113	-543.7%	(344)	-19.9%	-4.44	0.83
Cumulative:	1,323,747	1,320,100	1,303,180	(3,647)	-0.3%	16,921	1.3%	1.00	1.01
	BAC	EAC	VAC in $	VAC in %	CPI to BAC	CPI to EAC			
At Complete:	1,325,575	1,304,204	21,372	1.6%	0.2	5.3			

Explanation of Variance/Description of Problem:

Current Period Schedule Variance: The Current Month favorable Schedule Variance (+$2.1M) reflects the following:

The RL-0011 positive variance (+$1.9M) is primarily due to the single point adjustment of BCWS resulting from replanned 234-5Z Room 228C work scope via BCR-011-12-004R0, PFP FY12 Scope Changes Associated with FY2013 Funding Constraints. Progress earned on scope scheduled to be complete in prior periods also contributes to the positive current period variance. The RL-0040 and RL-0041 variances (+$0.4M) are within reporting thresholds.

Current Period Cost Variance: The Current Month unfavorable Cost Variance (-$0.3M) is within reporting thresholds.

Cumulative Schedule Variance: The unfavorable Cumulative Schedule Variance (-$3.6M) is within reporting thresholds.

Cumulative Cost Variance: The CTD favorable Cost Variance (+$16.9M) is within reporting thresholds and reflects the following:

The RL-0011 negative variance (-$9.6M) is within reporting thresholds. The RL-0013 positive variance (+$7.1M) is due to efficiencies in TRU Characterization and Shipping, TRU Repackaging, T Plant and WRAP, Mixed Low Level Waste (MLLW) efficiencies created by treating waste at Energy Solutions (ES) - Clive rather than planned treatment at PFNW due to a waiver received from the Department of Energy (DOE), Environmental Restoration Disposal Facility (ERDF) negotiated rate reduction with vendor for waste containers, partially offset by increased materials and labor costs in support of the Trench Face Retrieval and Characterization System (TFRCS), and increased resources for TRU Retrieval deteriorated waste containers, increased allocations for additional office space and other assessments as a result of allocations to Recovery Act expenditures. The RL-0030 Contract to Date Cost variance is within threshold. The RL-0040 positive variance (+$18.8M) reflects the following: The RL-0040.R1.1 U Plant/Other D&D positive variance (+$5.8M) is due to increased performance for Cold and Dark and Sampling and Characterization/Waste Identification Form teams (D4); overhead allocations, less than anticipated resources for Program Management and C-3 Sampling; lower than planned costs for capital equipment (D4), and less asbestos abatement required for 200W buildings. This is offset by increased material and equipment costs, increased use of masks and respirators due to the unexpected asbestos levels in the ancillary buildings in U Ancillary (D4), coupled with increased insulator staff and the use of overtime to recover schedule, 200E Administration and 209E Project delays, less resources required at U Canyon (D4), and Usage Based Services higher than planned. The RL-0040.Rl.2 Outer Zone D&D positive variance (+$12.6M) is due to efficiencies in Arid Lands Ecology (ALE), North Slope Facilities, disposition of railcars D&D, and Outer Area waste sites. The waste site favorable cost-to-date variance is primarily due to an O-Zone Remove, Treat, and Dispose (RTD) Waste Sites adjustments (pass back) to ERDF waste disposal costs reflecting the operational efficiencies of the super dump trucks. Within the waste sites area, this favorable cost variance is partially offset by higher than planned costs associated with remediation of pipelines. A negative cost variance is associated with increased costs for the 212N/P/R Project due to the walls of the basins being much thicker than estimated. RL-0040.R1.4 Asbestos Abatement positive variance (+$0.5M) is primarily the result of a delay in transferring all of the incurred labor cost for the new ARRA Asbestos Abatement subproject. The RL-0041 negative variance (-$2.3M) is due to higher costs for the Utilities Project than planned.

Impact:

Current Period Schedule: For RL-11R.1, see CTD below. For RL-40.R1.1, and RL-40.R1.2, there is no significant schedule impact for the current period. For RL-41.R1.1 the current period schedule impacts are the same as the CTD schedule impacts (see below).

Current Period Cost: For RL-11.R1, see CTD below. For RL-40.R1.1, and RL-40.R1.2, there is no significant cost impact for the current period. For RL-41.R1.1 no impacts at this time.

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. This change is being incorporated into the FY2013 PMB Update. For RL-0030, there are no impacts, work complete. For RL-40.R1.1, and RL-40.R1.2, there are no significant CTD

schedule impacts. For RL-41.R1.1 schedule will be monitored.

CTD Cost: For RL-11.R1, the VAC reflects total expenditure of ARRA funds in June 2012. For RL-13, the overall positive cost impact is due to project efficiencies. For RL-0030, there are no impacts, work complete. For RL-40.R1.1, and RL-40.R.1.2, there is overall positive cost impact due to project efficiencies. For RL-41.R1.1, costs will be monitored.

Corrective Action:

Current Period Schedule: For RL-11.R.1, see CTD Schedule. For RL-40.R1.1, and RL-40.R1.2 no corrective actions are required at this time. For RL-41.R1.1, the current period schedule corrective actions are the same as CTD schedule corrective actions (see below).

Current Period Cost: For RL-11.R1 no corrections are planned. For RL-40.R1.1, and RL-40.R1.2 no corrective actions are required at this time. For RL-41.R1.1, the current period cost corrective actions are the same as the CTD cost corrective actions (see below).

CTD Schedule: For RL-11.R1, Major initiatives are being tracked in the field executions schedule; therefore, this action is marked CLOSED. For RL-0013, no corrective action required. For RL-0030, no corrective actions required, work is complete. For RL-40.R1.1, and RL-40.R1.2, no corrective actions are required at this time. 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.

CTD Cost: For RL-11.R1, no specific actions are planned at this time. For RL-13C.R1.1, no corrective actions required. For RL-13C.R1.2, no corrective actions required. For RL-13C.R1.3, no corrective actions required. For RL-0030, no corrective actions required, work is complete. For RL-40.R1.1, and RL-40.R1.2, no corrective actions are required at this time. For RL-41.R1.1, no corrective actions are required at this time.

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 10.5% and 15% respectively. The RL-40.R.1.4 variances are 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 within thresholds. No significant impacts or corrective actions noted.

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 $21.4 million and 1.6%. 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 July 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
Environmental Program
and Strategic Planning

K. G. Tebrugge
Director of
Communications

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

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

July 2012
CHPRC-2012-07, 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
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	On Schedule.
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.
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 Biopreferred 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.

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 July, the PRC Functional Program organizations continue with no Total Recordable Injuries and have accumulated over 1,637,995 person hours worked without a recordable injury (two years) and over 2,842,024 person hours worked (over 3 years and 10 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.
    - Continued progress with the corrective action plan associated with the CHPRC (and multi-contractor) Beryllium (Be) Characterization Project.
    - Completed the Industrial Hygiene (IH)/Industrial Hygiene Technicians (IHT) training on the new Hanford Site Beryllium Work Permit (BWP)
    - Completed the Beryllium Registry.
    - Working with Mission Support Alliance, LLC (MSA) on a site wide Chemical Inventory Tracking System (CITS) Charter
    - Continued working with MSA and other site contractors on the development of training materials for the new Global Harmonization System.
    - Continued Support to the company initiative on the development of the site wide Hanford Site Workers Eligibility Tool (HSWET) Steering Committee.
    - Arranged for Health, Safety & Security (HSS) to conduct Computerized Accident/Incident Reporting System (CAIRS) database training at Hanford and had several CHPRC participants attend.
    - Initiated the Safety Trained Supervisor (STS) Program.
  - Emergency Preparedness (EP) accomplishments:
    - Twenty-two drills were performed in July; 15 were operational drills.
    - Submitted request for RL approval of Solid Waste Processing Emergency Planning Hazards

Assessment.
- Supported RL with the Defense Nuclear Facilities Safety Board (DNFSB) Emergency Preparedness program review visit.
- Received evaluation results of DOE Annual Field Exercise conducted at Cold Vacuum Drying Facility with no Findings identified.
- Supported RL CHPRC Emergency Preparedness triennial assessment.
- Continued management self-assessment within 100K/Decommissiong and Demolition (D&D), Waste Receiving and Packaging, and Plutonium Finishing Plant.
- Continued working CHPRC EP Program Improvement Initiatives.

o Radiological Control accomplishments:
- Completed self-assessment of Radiological Posting and Labeling program.
- Supported site-wide initiative to transition Dosimetry and Radiological Exposure Records Services from the Pacific Northwest National Laboratory to MSA.
- Initiated program self-assessment of Plutonium Finishing Plant contamination survey practices

o Operations Program accomplishments:
- Completed development and review of the last Operations program procedure updates to support implementation of DOE O 422.1.
- Supported development and review of Conduct of Operations Implementation Matrix updates.
- Developed a draft update of the Pre-Job Brief MOP form to address recent assessment findings with proposal to resurrect the application of this form in the MOP procedure.
- Conduct of Operations Champions project representatives are assisting in developing a path forward for common issues across the projects the NSPEB have evaluated.
- Conduct of Work Mentors have started a new initiative observing emergency preparedness drills and providing feedback to the project groups as well as the EP staff.

o Nuclear Safety deliverables prepared and transmitted to RL in July include:
- Documented Safety Analysis:
  - Letter, CHPRC-1202614, dated July 3, 2012, *CHPRC Transmittal of Annual Update to the Plutonium Finishing Plant Safety Basis and Unreviewed Safety Question Summary Report.*
  - Letter, CHPRC-1202181, dated July 16, 2012, *Submittal of 105-K West Basin Safety Basis Documented Revised for Construction and Maintenance Activities Near the Basin North Wall and the Outside overflow Weirs*.
  - Letter, CHPRC-1202844, dated July 24, 2012, *Transmittal of the 2012 Annual Update to HNF-13830, Revision 3, Reduction-Oxidation Facility Documented Safety Analysis, and the Unreviewed Safety Question Determination Summary*.
- Nuclear Safety deliverables received from RL in July include:
  - Letter, 12-SED-0062, dated July 5, 2012, *Transmittal of the updated Sludge Treatment Project Safety Design Strategy (SDS) and the Sludge Treatment Project Engineered Container Retrieval and Transfer System (ECRTS) Preliminary Safety Design Report (PDSR).*
  - Email, dated June 13, 2012, *Agreement in Principal of the STSC Packaging System for KE Sludge*.

- Email, dated July 13, 2012, *CHPRC Approved CE-SPA-PFP-2012-001, Revision 0, CE-2 PFP Debris*.
- Letter, 12-SED-0072, dated July 24, 2012, *Approval of the 2012 Annual Update to the Documented Safety Analysis (DSA) for the Fast Flux Test Facility (FFTF)*.
- Letter, 12-SED-0073, dated July 27, 2012, *Transmittal of the Annual Update of the Documented Safety Analysis Report (DSA) for the 224-T, CP-14641, Revision 4, and the Unreviewed Safety Question (USQ) Determination Summary*.

o Contractor Oversight, Assurance & Reporting accomplishments:

- Updated the *Issues Management Reference Guide* (PRC-GD-QA-33900) to align with the recently revised *Issues Management* procedure (PRC-PRO-QA-052).
- Led Root Cause Evaluation for CR-2012-0732, S&GRP *Management Concern Identified associated with Inadvertent Well Access*.
- Reviewed six cause evaluations in July, including the accompanying corrective action plans, and provided feedback to the cause analysts and responsible managers.
- Redesigned the Condition Reporting and Resolution System (CRRS) to accommodate the combining of the former D&D and W&FMP organizations into Decommissioning, Waste, Fuels, and Remediation Services (DWF&RS).
- Issued the Integrated Evaluation Plan (IEP) call letter for FY2013 assessment planning developed and shared key considerations for effective planning with the functional organizations and Project Assessment Coordinators (PACs).
- Initiated a review of the CHPRC prime contract to update list of contract "required" assessments for use in validating the FY2013 IEP input.
- Completed 10 CFR 835 internal surveillance of the CHPRC Radiation Protection program for Subpart F, "Entry Control Program" (SHS&Q-2012-SURV-10689).
- Developed a Safety Culture presentation which was provided to a Hanford-wide Safety Culture assessment team.

o Quality Assurance Accomplishments:

- Quality Systems is assisting DOE-Headquarters in the rewrite of the Suspect/Counterfeit Awareness Manual used throughout the Department. This effort is being accomplished through Energy Facility Contractors Group.
- Provided Quality Assurance and Quality Control support for Knock-out Pot processing.

- Status of SHS&Q Focus Areas:

o **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 forth coming.

o **Issue:** Issuance of new DOE O 458.1, *Radiation Protection of the Public and the Environment,* without implementation guide.

Status: Developing Environmental Radiation Protection Plan; RL included in J.2 attachment of PRC contract.

Action: Plan under development.

o **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.

Environmental Program and Strategic Planning (EP&SP)

Environmental Management System

- All FY2012 Targets are on schedule. The development of FY2013 Targets and Objectives is underway.
- The EMS registration audits were completed on July 13, 2012. There were no major findings, 6 minor findings, 18 OFIs and 12 noteworthy practices. Two of the noteworthy practices were considered best-in-class. With these audit results, CHPRC will receive registration to the ISO 14001 standard.

Environmental Protection

- **Central Waste Complex Box 231ZDR-11:** RL submitted the Concrete Box Structural Integrity Assessment Plan to Ecology on schedule on 7/16/2012. The box was determined to be structurally sound for a move. Ecology will provide comments to the assessment and our recommendations.
- **RCRA Draft Permit:** CHPRC staff are consolidating comments on the RCRA permit that is out for public comment. CHPRC is on schedule to provide comments on the RCRA draft permit. After the roll-up, about 1,200 written comments are expected to be provided to MSA and RL on draft permit issues.
- **Support to RL on Compliance Issues:** EP&SP staff are assisting RL on a Ecology Notice of Non-Compliance they hold for a Treatment, Storage and/or Disposal unit for 183H Solar Basins, and a Notice of Violation sent to them by EPA for comments on a 300 Area RI/FS TPA Commitment.
- **Asbestos:** CHPRC continues to support RL on asbestos management issues. CHPRC coordinated EPA-provided asbestos training and later met with EPA to discuss changes to the Hanford Asbestos IH report.

Environmental Compliance & Quality Assurance (ECQA)

- **Assessments Completed in July**

  Environmental Compliance: Review of 100K Qualified Process (No findings and no OFIs)

  Environmental Quality: Participated in an independent assessment led by MSA for review of the 222-S Laboratories (Report in process – no major issues known at this time)
- **Assessments in Process**

  Environmental Compliance: Review of MLLW/TRUM Inventory for confirmation with SWITS

  Environmental Quality: Evaluate WIDS Records Status
- **Assessments Upcoming this Quarter**

  Environmental Compliance: Dangerous Waste

  Environmental Quality: Independent Assessment of Environmental Records

Business Services

Acquisition Planning

- Finalized initial draft of the FY2012-2018 Acquisition Strategy Plan.
- New Acquisition Planning Procedure was released July 13, 2012.
- Developed acquisition plan presentation on company small business goals. Will present at VP staff meetings in early August.

Facilities

- The FY2012 Physical Inventory of Sensitive Property is in the final stages of completion of field work. A total of 4,750 items valued at $7.2M are being inventoried. At month end, 4,601 or 96.8% of the items have been inventoried.

Finance

- Submitted FY2013 labor and overhead rates to DOE.

Procurement

- For the month of July 2012, the Procurement group awarded 26 new contracts with a total value of $1.3M, amended 160 existing contracts with a total value of $1.4M, for a grand total of $2.7M. Awarded 281 new purchase orders valued at $488K to support ongoing project objectives.
- At the end of the first 46 months, procurement volume has been significant; $1.93B in contract activity has been recorded with approximately 50% or $957M in awards to small businesses. ARRA funded activity totals 44% or $757M of the grand total. This includes 5,829 contract releases, 13,251 purchase orders, and 201,210 P-Card transactions.
- The Procurement Simplification process moved forward in July with the publication of PRC-PRO-AC-40480, "Acquisition Planning," and PRC-PRO-AC-40478, "Procurement of Materials." A detailed simplification notice was distributed to the BTR mailing list which included an overview of the entire simplification status. In addition, procurement simplification status was included in the July 23 Safety Tailgate notice.
- The Master Well Drilling Basic Ordering Agreement (BOA) was updated to integrate "best practices" that have been developed over the last several years and to incorporate the latest revisions of the General and Special Provisions. Master Well Drilling BOAs were issued to six small business entities and one large business entity.

Information Technology &Services

- Completed conversions on 49 of the 62 CHPRC websites to the new template design and updating of content. Initiated website conversions on the internal/external Supply Chain and PFP Closure websites.
- Completed comments and corrections to the process workflows on the new PRC Procedures System (PPS). The new system is intended to automate procedure processing and replace the existing DocsOnline application in the future.
- Initiated transition from government cellular phones to Personally Owned Device (POD) and stipend programs beginning on June 15, 2012. Estimated 75% complete as of July 31, 2012 with a target completion date of August 15, 2012.
- Completed configuration of DMCS for the STP-ECRTS KW Annex Construction Document Control and Submittal process. Workflow development is underway to complete automation of the process.
- Completed Phase 17 and 18 WIDS Data Package conversion to electronic records. Initiated the 10% QC effort to validate accuracy.

- Completed and passed the Vital Records Triennial Assessment on July 2, 2012.
- Completed conversion of 14,324 CHPRC documents into electronic records in IDMS and loaded 6,502 documents into the IDMS Collaboration area.

Human Resources

- Completed Compensation Practices training for all managers involved in salary planning.

Prime Contract and Project Integration (PC&PI)

- In July, Prime Contracts received and processed one Contract Modification (number 223) from RL. The Correspondence Review Team reviewed and determined the distribution for 31 incoming letters. The Prime Contracts Manager reviewed 39 outgoing correspondence packages.
- Contract Compliance and Change Management supported the development of the FY2012 Performance Measurement Baseline (PMB) update deliverable to RL by assisting the Plutonium Finishing Plant Closure (PFP) and the Demolition, Waste, Fuels & Remediation Services (DWF&RS) Projects finalize disposition RCR comments from the FY2012 PMB update, and supported the preparation of the update Executive Summary and FY2013 Fiscal Year Work Plans.
- The Estimating group supported the Projects for the following:
  - DWF&RS Project:
    - Continued to support responses to RL questions regarding Change Order #174, *Assume Landlord Responsibilities for Surplus 200 Areas Steam Lines*. This Change Order is tracked in the RL FY2012 Key Performance Goal as required to be finalized within 180 days of receipt by the Contractor.
    - Completed work to address RL comments on D&D activity Basis of Estimates (BOE) in the Revision 3 PMB; the effort included providing Timberline assembly demolition estimates for 18 structures, and resolution of comments related to four WBS elements from RL on the prior PMB submittal, with concentration on backup documentation in the BOEs related to structures. In addition, the Project Management functional estimate was generated in Timberline with accompanying BOE.
    - Continued work on evaluation of WCH practices and cost collection for waste site remediation in support of determining whether CHPRC might be able to take advantage of WCH historical cost to provide an improved basis for CHPRC waste site remediation cost estimates and Change Proposals.
  - Sludge Treatment Project:
    - Supported the definitization of Change Order #180, STP Annex Construction. This Change Order was negotiated within the 180 day DOE Headquarters' tracking metric.
    - Continued to support the project on 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. Efforts included preparation of a draft estimating plan for development of the anticipated Change Proposal.
  - Plutonium Finishing Plant Closure Project:
    - Met with RL estimators who are reviewing CHPRC;s Change Proposal in response to 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, on July18, 2012. During the meeting responses were provided to RL questions on the approach to estimating the deletion value and retrieval of archived costs from FY2007 and FY2008.

- Soil and Groundwater Remediation Project
  - Continued to support generation and documentation of estimate bases for CERCLA Remedial Alternative estimates for Feasibility Studies being performed by the Environmental Integration Group, in support of a December 31, 2012 delivery to meet enforceable TPA milestone M-015-00D, Submit PP For All 100 & 300 Area OUs To Complete RI/FS Process. This milestone product provides the Proposed Plan for 100 and 300 Area Operable Units.
- Engineering Projects and Construction
  - With the issuance of PRC-MP-CN-40497, Design, Procurement, Construction, Acceptance Testing and As-Built Plan, which incorporated the use of the CHPRC estimating guide, Estimating and EPC have joined together to support an improved process for generating and reviewing estimates associated with Construction Forces work. During the month, three estimates were reviewed and updated at the request of EPC. Work has begun on the generation of Fair Cost estimates associated with potential changes being forwarded from the STP Sludge Annex construction contractor.

- A subcontracted task was initiated with the MSA and Babcock Services to improve the Timberline/COBRA estimate pricing and report generation process through the use of 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.
- Internal reviews for the FY2013 Annual PMB update were completed with comment incorporation and final concurrence planned for early August, supporting the August 2, 2012 deliverable to RL. This included Operations Activities Fiscal Year Work Plans.
- 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.

Engineering, Projects and Construction (EPC)

- Central Engineering (CE) is chairing and providing subject matter expert reviews (Civil/Structural, Electrical, HVAC, I&C, Mechanical, Software QA) for the Sludge Treatment Project (STP) Engineered Container Retrieval and Transport System (ECRTS) Final Design Review.
- CE provided Waste and Fuels & Environmental Program & Strategic Planning the final draft of the structural integrity assessment report. The integrity assessment report was included in Correspondence CHPRC-1202744 that was transmitted to the Department of Energy Richland Office on July 12, 2012. The information is scheduled to be submitted to the Washington State Department of Ecology by July 17, 2012.
- CE assisted WESF with causal analysis of an electrical shock incident involving an employee operating a misting fan unit. The misting fan unit did not have an NRTL label and CE determined that the unit did not have NRTL certification through correspondence with the vendor. CE and the AHJ evaluated the misting fan and found deficiencies with the electrical system, including exposed metal components that were not bonded, leading to the electrical shock. CE notified CHPRC projects of the incident and advised that these fans be taken out of service until an AHJ evaluation and approval was completed on each unit. CE also originated a Hanford Lessons Learned Information Bulletin detailing the importance of the NRTL requirements and compliance to technical standards.
- CE hosted the first face-to-face meeting of the EFCOG/EPWOG Welding Task Team (WTT). The meeting was held in Richland, WA and included welding program reviews from each of the Sites

(SRS, ORNL, Y-12, LANL, INL, Pantex and Hanford). In addition, several complex-wide issues were identified with two tasks (Subcontractor Welding Issues and Weld Program Ownership) assigned to be worked with the ultimate goal of producing a "best practices" document. The WTT has agreed to convene via conference or video conference calls on a quarterly basis to further the interests of DOE Contractors and better meet the needs of the Department of Energy.

- CE is 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) has been prepared and is in the final review process.
- CE presented a paper at the ASME International Conference on Nuclear Engineering (ICONE20) in Anaheim, CA. The paper reported on the development work being performed in conjunction with the PNNL to demonstrate suitability of Friction Stir Welding (FSW) for the closure of radioactive materials containers. RL has expressed a need for a more robust welding technology, over current, qualified fusion-welding processes, for upcoming, fully-remote packaging activities. It is believed that FSW will be shown capable of addressing this need.
- CE completed the independent assessment of the 2712-Z Stack monitoring building and issued a report with findings and recommendation for resolving the safety concern issues.
- CE completed review of the 105-KE ISS Project Execution Plan. Comments were provided to the author/Project Manager.
- CE was presented with certificates of appreciation at the Hanford Training Board of Director's meeting for work to develop and issue the Hanford Site Electrical Safety Program.
- CE continued the Feasibility Study for WCH to upgrade to electric heat from steam heat in the 324 building. Preliminary information was provided to WCH at a meeting between key WCH and CHPRC personnel.
- As a result of a recent Work Site Assessment addressing weld inspection activities, CE is making changes to the CHPRC Welding Manual (Hanford Site Welding program) to clarify the use of consensus national standards for Quality Level-0 welding applications.
- CE is assisting 100K engineering and electricians with an asbestos shower trailer (PO 43099) that was NEC inspected and found to have electrical discrepancies that the project is fixing. CE specified materials required to complete the work including a relay, enclosure panel, and circuit breaker with padlock.

Communications

Internal

- Produced three episodes of InSite, the biweekly news broadcast, with segments including holiday safety, sludge treatment progress, PFP innovations, 100K Area demolition, and the EMS audit.
- Produced five issues of the Weekly Update including manager messages from Terry Vaughn, Safe, Health, Security & Quality Vice President; John Lehew, CHPRC President & Chief Executive Officer; Al Cawrse, Environmental Protection Director; and Ty Blackford, Decommissioning, Waste, Fuels & Remediation Services Vice President.
- Continued support to EMS, VPP and summer safety campaigns. The EMS audit was completed with positive reviews from the audit team.

Media

- Supported RL with a tour of the Maintenance and Storage Facility with Tri-City Herald Publisher.
- Supported RL with media for the first treatment of knockout pot sludge; issued a press release and was featured in the Tri-City Herald.

- Relocation of capsules at the Waste Encapsulation Storage Facility was featured in the Tri-City Herald.
- Provided photo and video of demolition along the river and the Sludge Treatment Project for RL social media.

Public Involvement

- Coordinated activities to initiate the public comment period for the 200-UP-1 Proposed Plan. Preparatory activities include disseminating a fact sheet, developing and placing a display advertisement in the Tri-City Herald, and having the Proposed Plan placed in the Administrative Record and Public Information Repositories.
- Developed a fact sheet to support the public comment process for the100K Area Proposed Plan. The fact sheet is currently undergoing review and the timing of the comment period is uncertain.

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	8.3	8.3	7.0	0.0	0.0%	1.3	15.3%	110.9
Communications	0.1	0.1	0.1	0.0	0.0%	0.0	37.5%	1.2
Safety, Health, Security and Quality	1.0	1.0	1.0	0.0	0.0%	0.2	18.0%	12.1
Environmental Program and Strategic Planning	0.3	0.3	0.2	0.0	0.0%	0.1	24.8%	3.6
Business Services	6.0	6.0	5.4	0.0	0.0%	0.6	9.2%	80.7
Prime Contract and Project Integration	0.7	0.7	0.3	0.0	0.0%	0.4	56.9%	9.8
Engineering, Projects and Construction	0.3	0.3	0.2	0.0	0.0%	0.0	13.1%	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: (+$1.3M/15.3%)

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	**440.1**	**440.1**	**412.0**	**0.0**	**0.0%**	**28.2**	**6.8%**	**1030.2**
Communications	8.0	8.0	7.3	0.0	0.0%	0.7	9.5%	14.8
Safety, Health, Security and Quality	64.1	64.1	68.9	0.0	0.0%	(4.9)	(7.0%)	120.7
Environmental Program and Strategic Planning	13.2	13.2	13.0	0.0	0.0%	0.2	1.6%	30.3
Business Services	296.7	296.7	270.2	0.0	0.0%	26.5	9.8%	738.6
Prime Contract and Project Integration	36.4	36.4	30.9	0.0	0.0%	5.5	17.8%	83.9
Engineering, Projects and Construction	21.8	21.8	21.7	0.0	0.0%	0.2	0.7%	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: (+$28.2M/+6.8%)

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 (+$5.7M) is due to a partial Pension payment pending receipt of full funding from RL.

Baseline Change Requests

BCR-PRC-12-018R0 - *FY2012 Workforce Restructuring*

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	**89.6**	**83.9**	**5.7**	**110.9**	**103.4**	**7.4**
General & Administrative (G&A)	**56.7**	**53.1**	**3.6**	**70.1**	**64.9**	**5.2**
Communications	0.9	0.8	0.1	1.2	1.1	0.1
Safety, Health, Security and Quality	9.8	10.1	(0.3)	12.1	12.2	(0.1)
Prime Contract and Project Integration	7.9	5.8	2.1	9.8	7.1	2.7
Business Services	35.2	33.3	1.9	43.5	40.7	2.8
Engineering, Projects & Construction	2.9	3.1	(0.2)	3.6	3.9	(0.3)
Direct Distributables (DD)	**32.9**	**30.8**	**2.1**	**40.8**	**38.5**	**2.2**
Env. Program & Strategic Planning	2.9	3.2	(0.3)	3.6	3.8	(0.3)
Business Services: Retiree Insurance	5.2	2.6	2.6	6.4	3.7	2.7
Business Services: Pension Plan Contr.	24.9	25.1	(0.2)	30.8	31.0	(0.2)

	FYTD	FY2012
Total Distribution	**(82.8)**	**(103.8)**
Total Liquidation (Over)/Under	**1.1**	**(0.4)**
G&A Distribution	(52.2)	(65.4)
G&A Liquidation (Over)/Under	**1.0**	**(0.5)**
DD Distribution	(30.6)	(38.4)
DD Liquidation (Over)/Under	**0.2**	**0.1**

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 July, application of the G&A and DD rates has under liquidated the PS&S accounts by a total of $1.1M. The FY2012 year end projected liquidation assumes a decrease in the G&A base, which results in a slight under liquidation projection of $0.4M.

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.