

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



November 2011
CHPRC-2011-11, Rev. 0
Contract DE-AC06-08RL14788
Deliverable C.3.1.3.1 - 1

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

CONTRACT PERFORMANCE REPORT FORMAT 1 - WORK BREAKDOWN STRUCTURE													CLASSIFICATION (When Filled In)			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) 2011 / 10 / 24						
b. LOCATION (Address and ZIP Code) Richland, WA										b. NUMBER RL14788			b. PHASE			b. TO (YYYYMMDD) 2011 / 11 / 20						
										c. TYPE CPAF			d. SHARE RATIO			c. EVMS ACCEPTANCE NO YES X 9/18/2009						
5. CONTRACT DATA																						
a. QUANTITY		b. NEGOTIATED COST 5,278,512		c. ESTIMATED COST OF AUTHORIZED UNPRICED WORK 349,883		d. TARGET PROFIT/ FEE 247,344		e. TARGET PRICE 5,525,856		f. ESTIMATED PRICE 5,875,738		g. CONTRACT CEILING 5,525,856		h. ESTIMATED CONTRACT CEILING 5,998,636		i. DATE OF OTB/OTS						
6. ESTIMATED COST AT COMPLETION													7. AUTHORIZED CONTRACTOR REPRESENTATIVE									
		MANAGEMENT ESTIMATE AT COMPLETION (1)		CONTRACT BUDGET BASE (2)		VARIANCE (3)		a. NAME (Last, First, Middle Initial) Bang, M.V.		b. TITLE Prime Contract Manager												
a. BEST CASE		6,299,107																				
b. WORST CASE		6,416,667																				
c. MOST LIKELY		6,386,350		5,628,395		(757,955)		c. SIGNATURE		d. DATE SIGNED 11/20/2011												
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		12,341	13,590	9,491	1,249	4,099	433,982	432,183	441,768	(1,800)	(9,585)	0	0	0	889,184	896,442	(7,258)					
012 RL-12 SNF Stabilization and Disposition		3,776	5,880	7,586	2,104	(1,706)	260,171	261,837	262,305	1,666	(469)	0	0	0	625,569	624,659	910					
013 RL-13 Solid Waste Stabilization & Disposition		5,747	7,748	7,184	2,001	564	628,528	627,699	628,826	(828)	(1,127)	0	0	0	1,828,162	1,828,570	(408)					
030 RL-30 Soil & Wtr Remediatn Grndwtr/Vadose Zone		9,650	11,458	10,950	1,808	509	704,422	703,599	708,893	(823)	(5,294)	0	0	0	1,498,368	1,507,162	(8,795)					
040 RL-40 Nuclear Facility D&D Remainder of Hanford		(4,155)	1,312	2,631	5,467	(1,319)	352,716	351,939	324,941	(777)	26,997	0	0	0	970,127	935,083	35,044					
041 RL-41 Nuclear Facility D&D - River Corridor		2,858	5,009	1,692	2,151	3,317	255,805	259,046	243,099	3,241	15,947	0	0	0	492,586	483,089	9,497					
042 RL-42 FFFF Closure		133	133	77	0	56	12,261	12,261	10,933	0	1,327	0	0	0	25,429	24,101	1,327					
b. Cost of Money		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
c. Gen. and Admin.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
d. Undist. Budget																						
e. Sub Total		30,351	45,130	39,612	14,779	5,518	2,647,884	2,648,563	2,620,766	679	27,797	0	0	0	6,329,424	6,299,107	30,317					
f. Management Reserve																						
g. Total		30,351	45,130	39,612	14,779	5,518	2,647,884	2,648,563	2,620,766	679	27,797	0	0	0	6,416,667							
9. Reconciliation to CBB																						
a. Variance Adjustment																						
b. Total Contract Variance												679	27,797									
												6,416,667	6,299,107	117,560								

FORMAT 3, DD FORM 2734/3, BASELINE

NOVEMBER

CONTRACT PERFORMANCE REPORT													Form Approved OMB No. 0704-0188		
FORMAT 3 - BASELINE											DOLLARS IN THOUSANDS				
1. CONTRACTOR CH2M HILL Plateau Remediation Company				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: 2011/10/24 b. TO: 2011/11/20			
5. CONTRACT DATA															
a. ORIGINAL NEGOTIATED COST 4,312,366				b. NEGOTIATED CONTRACT CHANGE \$966,146		c. CURRENT NEGOTIATED COST (A + B) \$5,278,512		d. ESTIMATED COST AUTH UNPRICED WORK 349,883		e. CONTRACT BUDGET BASE (C + D) \$5,628,395		f. TOTAL ALLOCATED BUDGET \$6,416,667		g. DIFFERENCE (E - F) (\$788,272)	
h. CONTRACT START DATE 6/19/2008				i. DEFINITIZATION DATE 6/19/2008		j. PLANNED COMPL DATE 9/30/2018		k. CONT COMPLETION DATE 9/30/2018		l. EST COMPLETION DATE 9/30/2018					
6. PERFORMANCE DATA															
ITEM (1)	BCWS CUM TO DATE (2)	BCWS FOR REPORT PERIOD (3)	SIX MONTH FORECAST						FY09 (10)	FY10 (11)	FY11 (12)	FY12 (13)	OUT YEARS (14)	UNDISTRIB BUDGET (15)	TOTAL BUDGET (16)
			+1 Dec-11 (4)	+2 Jan-12 (5)	+3 Feb-12 (6)	+4 Mar-12 (7)	+5 Apr-12 (8)	+6 May-12 (9)							
a. PM BASELINE (BEGIN OF PERIOD)	2,617,533	30,351	44,128	31,689	34,919	41,115	31,182	38,692	653,426	960,017	1,002,105	396,643	3,597,260	0	6,609,451
b. BASELINE CHANGES AUTH DURING REPORT PERIOD BCR-PRC-12-001R0 - PRC Baseline, Rev. 3 BCRA-PRC-12-004R0 - November 2011 Admin BCR												30,268 0	(310,296) 0		(280,028) 0
c. PM BASELINE (END OF PERIOD)	2,647,884		45,641	34,248	36,437	43,881	33,807	41,575	653,426	960,017	1,002,105	426,911	3,286,964	0	6,329,424
7. MANAGEMENT RESERVE															87,243
8. TOTAL															6,416,667

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) 2011 / 10 / 24	
b. LOCATION (Address and ZIP Code) Richland, WA		b. NUMBER RL14788		b. PHASE		b. TO (YYYYMMDD) 2011 / 11 / 20	
		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	ACTUAL CURRENT PERIOD	ACTUAL END OF CURRENT PERIOD (Cumulative)	FORECAST (Non-Cumulative)									AT COMPLETION	
			SIX MONTH FORECAST						SPECIFIED PERIODS				
			+1 Dec	+2 Jan	+3 Feb	+4 Mar	+5 Apr	+6 May	REM FY12	FY13	FY14-18		
ITEM (1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(11)	(12)	(13)	(15)	
30B - WBS 98 PSD Distribution													
011.A1 - Project Specific Distributables	0	1	0	0	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	0	0
030.A1 - Project Specific Distributables	0	0	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	0
	0	1	0	0	0	0	0	0	0	0	0	0	1
31 - Communications & Outreach													
000.1 - Communications & Outreach	11	462	7	7	7	7	7	7	7	28	84	420	1,036
	11	462	7	7	7	7	7	7	7	28	84	420	1,036
32 - Safety, Health, Security & Quality													
000.2 - Safety,Health,Security/Quality	87	3,842	76	75	75	74	74	74	74	295	730	2,889	8,205
	87	3,842	76	75	75	74	74	74	74	295	730	2,889	8,205
34 - Environmental Prog & Strategic Planning													
000.4 - Environmental Prog & Strategic Planning	25	770	22	22	22	22	22	22	22	89	264	957	2,214
030.2 - Env'r Prog & Strategic Planning	24	1,241	24	28	22	26	28	26	26	99	259	1,702	3,456
	49	2,011	46	50	45	48	50	48	48	189	522	2,660	5,670
35 - Business Services													
000.6A - Expense PSD	1	1,302	0	0	0	0	0	0	0	0	0	0	1,302
000.8 - Chief Financial Officer	116	4,308	105	106	106	106	104	104	104	417	1,178	5,519	12,052
000.9 - Chief Information Officer	0	4	0	0	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	0	0	15
013.9F - Ramp Up/Transition - Fac	0	1	0	0	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	0	0	11
030.9F - Ramp Up/Transition - Fac	0	272	0	0	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	0	0	7
040.9F - Ramp Up/Transition - Fac	0	2	0	0	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	0	0	18
041.9F - Ramp Up/Transition - Fac	0	1	0	0	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	0	0	13
	116	5,953	105	106	106	106	104	104	104	417	1,178	5,519	13,698
36 - Prime Contract & Project Integration													
000.7 - Contract and Baseline Management	54	1,495	44	43	42	42	42	42	42	164	492	2,313	4,718
	54	1,495	44	43	42	42	42	42	42	164	492	2,313	4,718
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	0	0	0	0
3A - 100K Area Project & BOS D&D													
012.1 - 100 K Area Project	130	5,191	174	160	159	157	103	93	376	1,257	2,266		9,936
012.2 - Sludge Treatment Project	148	4,322	105	112	111	115	149	177	703	1,506	2,641		9,940
040.1 - PRC D&D	46	7,383	43	3	0	0	0	15	81	0	6,938		14,464
040.2 - D&D Fac Waste Site Remediation	0	1,341	0	0	0	0	0	0	0	0	3,813		5,154
041.1 - River Zone	63	4,980	72	99	106	116	116	118	452	715	3,707		10,482
041.3 - Waste Sites	9	987	3	4	6	3	3	3	11	7	911		1,937
	396	24,204	397	378	381	391	372	406	1,623	3,485	20,276		51,914
3B - PFP Closure													
011.1 - Plutonium Finishing Plant	519	22,181	503	518	509	507	506	515	2,060	6,496	8,430		42,227
	519	22,181	503	518	509	507	506	515	2,060	6,496	8,430		42,227
3C - Waste & Fuels Management Project													
013.1 - Waste Management	389	27,791	346	348	348	346	346	346	1,472	4,347	31,798		67,488
013.3 - Solid Waste Variable	10	543	9	9	9	9	9	9	36	108	540		1,281
040.3 - PRC Fac & Waste Site Maint	45	1,671	50	50	50	58	58	50	203	600	2,821		5,610
042.1 - FFTF	6	526	7	7	7	7	7	7	28	83	413		1,092
	450	30,532	412	414	414	420	420	412	1,739	5,138	35,572		75,472
3D - Soil & Groundwater Remediation													
030.1 - Soil & GW Remediation	260	13,259	285	309	301	280	303	290	1,292	3,591	18,283		38,193
	260	13,259	285	309	301	280	303	290	1,292	3,591	18,283		38,193
3F - Engineering, Projects & Construction													
000.F - Eng/Procurement & Construction	22	1,056	19	19	19	19	19	19	74	187	766		2,194
030.3 - EPC - Groundwater	122	2,956	80	70	58	42	39	9	19	26	128		3,427
	145	4,013	98	89	77	61	57	27	93	213	894		5,621
Grand Totals:	2,086	107,953	1,974	1,989	1,957	1,935	1,936	1,925	7,901	21,930	97,255		246,756

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

CLASSIFICATION (When Filled In)									
CONTRACT PERFORMANCE REPORT FORMAT 5 - EXPLANATIONS AND PROBLEM ANALYSES								FORM APPROVED OMB No. 0704-0188	
1. CONTRACTOR			2. CONTRACT			3. PROGRAM		4. REPORT PERIOD	
a. NAME CH2M HILL Plateau Remediation Company			a. NAME Plateau Remediation Contract			a. NAME Plateau Remediation Contract		a. FROM (YYYY/MM/DD) 2011/10/24	
b. LOCATION (Address and ZIP Code) Richland, WA 99354			b. NUMBER RL		b. PHASE Base and ARRA		b. TO (YYYY/MM/DD) 2011/11/20		
			c. TYPE CPAF	d. SHARE RATIO		c. EVMS ACCEPTANCE 2009/09/18 NO YES X			
	BCWS	BCWP	ACWP	SV in \$	SV in %	CV in \$	CV %	SPI	CPI
Current:	30,351	45,130	39,612	14,779	48.7%	5,518	12.2%	1.49	1.14
Cumulative:	2,647,884	2,648,563	2,620,766	679	0.0%	27,797	1.0%	1.00	1.01
	BAC	EAC	VAC in \$	VAC in %	CPI to BAC	CPI to EAC			
At Complete:	6,329,424	6,299,107	30,317	0.5%	1.0	1.0			
Explanation of Variance/Description of Problem:									
<p>Current Period Schedule Variance: The favorable Schedule Variance (+\$14.8M) reflects the following: The RL-11 variance (+\$1.2M) is primarily a result of adjusted BCWS/BCWP following implementation of BCR-PRC-12-001R0, <i>FY2012-FY2018 Lifecycle Update, PRC Baseline Revision 3</i>. Without the adjustment, there is an unfavorable variance of -\$0.8M due to RMA/RMC and PRF schedule delays. The RL-12 variance (+\$2.1M) is primarily due to the point adjustments related to implementation of PMB-3 (BCR-PRC-12-001R0) in November. RL-12 prepared for a December implementation, with the eventual implementation in November a larger point adjustment resulted. The RL-13 (+\$2.0M) positive variance in RL-13 is primarily due to the implementation of the Rev 3 PMB which rephased MLLW treatment of TRU Retrieval dropouts (to out years), coupled with schedule recovery for TRU Retrieval Layup. The RL-30 positive variance (+\$1.8M) is primarily due to implementation of BCR-030-12-001R0. The primary areas impacted with positive schedule variance due to the point adjustment were NR-2 barrier infiltration which was completed early and CERCLA document work scope that was replanned in later years due to funding constraints. The RL-40 positive variance (+\$5.5M) results from completing workscope that had been delayed/behind schedule from prior periods (200 West Adm Building, U Canyon and Disposition of Rail Cars) and implementation of Rev. 3 Baseline Change Request for Waste Site. RL-41 (+\$2.2M) positive variance is within reporting threshold. The RL-42 variances are within reporting thresholds (+\$0.0M).</p> <p>Current Period Cost Variance: The favorable Cost Variance (+\$5.5M) is largely due to RL-11 (+\$4.1M). RL-11 variance (+\$4.1M) results from the PMB Offset processed this period, which increased BCWS and BCWP on adjusted FY2011 activities. Without the adjustment, there is an unfavorable variance of \$2.5M, which is due to inefficiencies, higher use of MSA brokered craft, and the extended use of resources and overtime to complete more complex work scope. The RL-12 variance (-\$1.7M) is primarily due to the point adjustments related to implementation of PMB-3 (BCR-PRC-12-001R0) in November. RL-12 prepared for a December implementation, with the eventual implementation in November a larger point adjustment resulted. The positive variance in RL-13 (+\$0.6M) is primarily due to a correction in workforce restructuring allocation and resources deferred to higher priority Layup activities; partially offset by additional effort required to complete layup activities. The RL-30 positive variance (+\$0.5M) is within thresholds. The RL-40 negative variance (-\$1.3M) is mostly due to late billings for U Plant Canyon contracts, overtime usage at 209E and a cost correction for ERDF costs at 200W Adm Building. The RL-41 (+\$3.3M) positive variance results from lower contract costs associated with Waste Sites. The RL-42 variances are within reporting thresholds (+\$1.3M).</p> <p>Cumulative Schedule Variance: The favorable Cumulative Schedule Variance (+\$0.7M) is within reporting thresholds. RL-11 (-\$1.8M) negative variance is within reporting thresholds. The RL-12 (+\$1.7M) positive variance is within reporting thresholds. The RL-13 negative variance (-\$0.8M) is within threshold however, the result of Canister Storage Building (CSB), WESF, and ETF engineering activities delayed due to resource availability (assigned to higher priority activities) and by delays in Layup activities offset by early completion of MLLW returns. The RL-30 (-\$0.8M) negative variance is within reporting thresholds. The RL-40 negative variance (-\$0.8M) is due to the 209E Project progressing behind schedule. The 209E Project is scheduled for completion is December 2011. Waste Site will be moved to outyears during the Rev. 3 update. The RL-41 variance is within reporting thresholds. The RL-42 variances are within reporting thresholds.</p> <p>Cumulative Cost Variance: The favorable cost variance (+\$27.8M) is within reporting thresholds and occurs in three primary areas: (1) Favorable and unfavorable cost variances in direct projects (+\$5.9M), (2) Favorable G&A/DD distribution variances (+\$28.8M) resulting from lower than expected G&A costs due to company level and Other Hanford Pass-back, lower assessments from MSA for Other Provided Services to PRC and a labor under run in project support staff related to ARRA ramp-up; and, (3) Unfavorable PSD Distribution (-\$6.9M) due to the increased cost of establishing the ARRA Mobile office complex and distribution of the CHPRC Rewards and Recognition Program which did not have BCWS.</p>									
Impact:									
<p>Current Period Schedule: For PBS RL-11 remaining lifecycle work scope is forecast to complete as replanned in BCR-PRC-12-001R0. For RL-12, no significant impact. For PBS RL-13 the primary impact is implementation of the Rev 3 PMB which rephased MLLW treatment of TRU Retrieval dropouts (to out years), coupled with schedule recovery for TRU Retrieval Layup. For RL-30 there is no impact associated with the current month positive schedule variance. For PBS RL-40, the primary impacts occur in U-Plant D&D activities. For PBSs RL-40, current period schedule impacts are the same as the CTD schedule impacts (see below). For PBS 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.</p>									

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

Current Period Cost: For PBS RL-11 see CTD Cost impact. For RL-12, no significant impact. For PBS RL-13 cost impact is a correction in workforce restructuring allocation, resources deferred to higher priority Layup activities and some continued start-up anomalies which will require corrections from ARRA to base-funded work scope. For RL-30, no significant impact. For PBS RL-40, U-Ancillary project is using more resources than planned to recover schedule, at 212 N/P/R, more demolition debris than planned was disposed of at ERDF resulting in higher than anticipated disposal costs. Both are offset by efficiencies in other areas and no long-term impact is expected. Also, regulatory review delays have increased costs. For PBS RL-41 minimal impact is expected due to the overall positive variance. For PBS RL-42, there is no impact associated with the cost variance.

CTD Schedule: For PBS RL-11 work scope is projected to finish on schedule. TPA Milestone M-083-24, "Submit S&M Plan Pursuant to Agreement Section 8.5.4," due June 30, 2012, was completed September 30, 2011. The scheduled completion for other TPA Milestones—M-083-44, "Complete Transition of 234-5Z&ZA/243-Z/291-Z & 291-Z-1 Facilities," due 9/30/2015, and M-083-00A, "Complete PFP Facility Transition and Selected Disposition Activities," due 9/30/2016—is dependent on outyear funding of planned lifecycle activities in accordance with BCR-PRC-12-001R0. For RL-12, no significant impact. For PBS RL-13, the implementation of Rev 3 PMB rephased MLLW treatment of TRU Retrieval dropouts (to out years). For PBS RL-30, the variance better reflects work completed to date. For PBS RL-40 extensive regulatory reviews (realized risk) are delaying waste site remediation completion. RL-41 has no significant impacts. For PBS RL-42, the schedule variance is within threshold and has no significant impact.

CTD Cost: For RL-11 the overrun at completion results from unrecoverable prior years cost variances. For RL-12, no significant impact. There are no cost impacts for PBS RL-13. For RL-30, no significant impact. The RL-40 cost variance is within threshold and has no significant impact. RL-41 cost variance is within threshold and has no significant impact. For PBS RL-42, the cost variance is within threshold and has no significant impact.

Corrective Action:

Current Period Schedule: For PBS RL-11 BCR-PRC-12-001R0, FY 2012-FY2018 *Lifecycle Update, PRC Baseline Revision 3*, was implemented in November 2011. Remaining lifecycle work scope was replanned. For PBS RL-12, no corrective actions required. For PBS RL-13, no corrective action required. For PBS RL-30, no corrective actions are required. For PBSs RL-40, the current period schedule corrective actions are the same as CTD schedule corrective actions (see below). For PBS RL-41, the current period schedule corrective actions are the same as CTD schedule corrective actions (see below). For PBS RL-42, no corrective actions required.

Current Period Cost: For RL-11, no corrections are planned. For PBS RL-12, no corrective actions required. No cost corrective actions are required for PBS RL-13. For PBS RL-30, no corrective actions are required. For PBS RL-40 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 PBS 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 PBS RL-42, no corrective actions required.

CTD Schedule: PBS RL-11 no specific actions are planned at this time. The lifecycle performance measurement baseline will undergo an independent joint CHPRC and DOE-RL review in December 2011. For PBS RL-12, no corrective actions required. For PBS RL-13 no corrective action required. For PBS RL-30, no corrective action required. For PBS RL-40, insulators and other resources from other projects are being re-assigned to help recover schedule; additional management attention is focused on grouting contract for U-Canyon finalization and 209E project execution. For PBS RL-40 waste sites, the schedule variance will be accepted in order to achieve the footprint reduction goals and efforts continue to reduce the timeline for regulatory reviews. For PBS 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 PBS RL-42, no corrective actions required.

CTD Cost: For PBS RL-11 no specific actions are planned at this time. The lifecycle performance measurement baseline will undergo an independent joint CHPRC and DOE-RL review in December 2011. For PBS RL-12, no corrective actions required. For PBS RL-13 no corrective action required. For PBS RL-30, no corrective action required. For PBS RL-40, no corrective actions are required at this time. For PBS 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 PBS RL-42, no corrective actions are required at this time.

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

The cumulative to date cost and schedule variances are within reporting thresholds except for RL-40, RL-41 and RL-42 which have favorable cost variances of 7.7%, 6.2% and 10.8% respectively. Variance by PBS follows: RL-11 PFP D&D work, complexity of glove box removal and 234-5Z D&D preparations continue to impact the unfavorable cumulative to date schedule and cost variances and will continue to impact the cost variance as recovery actions are taken to regain or re-baseline schedule. RL-12 has no significant impacts. The RL-13 Solid Waste Stabilization and Disposition positive variance reflects a correction in workforce restructuring allocation, resources deferred to higher priority Layup activities and some continued start-up anomalies which will require corrections from ARRA to base-funded work scope partially offset by additional effort required to complete layup activities. The favorable monthly schedule variance reflects the implementation of the Rev 3 PMB which rephased MLLW treatment of TRU Retrieval dropouts (to out years), coupled with schedule recovery for TRU Retrieval Layup. For RL-30 there is no impact associated with the current month positive variance. The cumulative to date cost and schedule variances for RL-40 Nuclear Facilities D&D Remainder of Hanford current period variances reflects a mixture of performance taken in prior months for rail cars and capital equipment procurements made ahead of schedule and the cumulative schedule variance continues to worsen due to weather conditions. The cumulative to date cost and schedule variances for RL-41 Nuclear Facilities D&D RC Closure Project favorable current period schedule and cost variances are primarily due to the FY2012 Execution Plan BCR moving work that has been started from FY2011 to FY2012. The cumulative to date cost and schedule variances for RL-42 FTF continues to have no schedule variances and a favorable cost variance due to lower than anticipated cost of maintaining in a cold and dry status.

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 \$30.3 million and 0.5%. This variance is within threshold for the Project. Furthermore, the VACs at 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 5, DD FORM 2734/5, EXPLANATION AND PROBLEM ANALYSIS

Format 1 and 3 Contract Data:

Contract Price Adjustments

Base & ARRA		
CPS - In Process		
	Total Authorized Unpriced Work	349,882,620
Approved Adjustments to Contract Price (not reflected in B.4-1 Table)		
	Total Negotiated Cost Changes	122,898,037
	Grand Total Adjustments	472,780,657

Format 3 block 5g: This difference is to be reconciled following submittal of PMB Revision 3 in November 2011.

Use of Management Reserve: Overall the contract period performance measurement baseline (PMB) budget is decreased (\$280.2) million in November 2011. In November 2011 management reserve (MR) is reduced in the amount of (\$135.6) million in fiscal year (FY) 2011 through (FY) 2018.

Management Reserve Utilization

BCR Number	Title	Fiscal Year	MR (ARRA) & PBS	MR (Base) & PBS
BCR-PRC-12-001R0	<i>PRC Baseline, Rev. 3</i>	2012 – 2018	RL-011/	RL-011/
			RL-013/	RL-013/
			RL-040/	RL-030/
			RL-041/	RL-040/
			Note: ARRA is 2012 only	RL-041/
				RL-042/
			(\$15.2M)	(\$120.4M)
Overall MR Change in November 2011 – (\$135.6M)				

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: Project Control Staff	Date: 10/23/2011	Approved by:	Date:
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(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)