

# 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



January 2012  
CHPRC-2012-01, 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															a. NAME			a. NAME			a. FROM (YYYYMMDD)														
b. LOCATION (Address and ZIP Code)															b. NUMBER			b. PHASE			b. TO (YYYYMMDD)														
5. CONTRACT DATA															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		
6. ESTIMATED COST AT COMPLETION															MANAGEMENT ESTIMATE AT COMPLETION			CONTRACT BUDGET BASE			VARIANCE			7. AUTHORIZED CONTRACTOR REPRESENTATIVE											
a. BEST CASE															b. WORST CASE			c. MOST LIKELY			a. NAME (Last, First, Middle Initial)			b. TITLE											
8. PERFORMANCE DATA															WBS[1]			CURRENT PERIOD			CUMULATIVE TO DATE			REPROGRAMMING ADJUSTMENTS			AT COMPLETION								
															BUDGETED COST		ACTUAL COST	VARIANCE		BUDGETED COST		ACTUAL COST	VARIANCE		REPROGRAMMING ADJUSTMENTS			BUDGETED	ESTIMATED	VARIANCE					
															ITEM	WORK SCHEDULED	WORK PERFORMED	WORK PERFORMED	SCHEDULE	COST	WORK SCHEDULED	WORK PERFORMED	WORK PERFORMED	SCHEDULE	COST	COST VARIANCE	SCHEDULE VARIANCE	BUDGET	(14)	(15)	(16)				
															(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12a)	(12b)	(13)	(14)	(15)	(16)				
011 RL-11 NM Stabilization and Disposition PFP															9,479	8,052	8,121	(1,427)	(69)	454,825	450,128	460,389	(4,697)	(10,260)	0	0	0	889,184	890,487	(1,303)					
012 RL-12 SNF Stabilization and Disposition															6,091	5,880	5,830	(211)	50	274,367	274,806	275,642	440	(835)	0	0	0	625,569	625,604	(36)					
013 RL-13 Solid Waste Stabilization & Disposition															5,907	5,882	5,301	(25)	580	643,026	642,094	641,590	(931)	504	0	0	0	1,828,285	1,827,017	1,267					
030 RL-30 Soil & Wtr Remediati Grndwtr/Vadose Zone															8,227	7,799	8,667	(428)	(868)	724,452	723,925	731,837	(527)	(7,912)	0	0	0	1,498,368	1,512,772	(14,405)					
040 RL-40 Nuclear Facility D&D Remainder of Hanford															896	1,113	1,510	217	(397)	355,549	355,568	328,365	19	27,202	0	0	0	970,127	934,636	35,492					
041 RL-41 Nuclear Facility D&D - River Corridor															4,048	2,311	3,058	(1,737)	(747)	263,513	263,663	250,555	150	13,108	0	0	0	493,272	483,694	9,578					
042 RL-42 FFTF Closure															125	125	(1)	0	126	12,551	12,551	11,052	0	1,498	0	0	0	25,429	23,908	1,521					
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	0	0	0	0	0	0	0	0	0	0	0	0	0					
e. Sub Total															34,773	31,162	32,486	(3,611)	(1,324)	2,728,282	2,722,735	2,699,430	(5,546)	23,305	0	0	0	6,330,233	6,298,118	32,115					
f. Management Reserve																												86,557							
g. Total															34,773	31,162	32,486	(3,611)	(1,324)	2,728,282	2,722,735	2,699,430	(5,546)	23,305	0	0	0	6,416,789							
9. Reconciliation to CBB																																			
a. Variance Adjustment																																			
b. Total Contract Variance																												6,416,789	6,298,118	118,671					



FORMAT 3, DD FORM 2734/3, BASELINE

January

CONTRACT PERFORMANCE REPORT													Form Approved														
FORMAT 3 - BASELINE											DOLLARS IN THOUSANDS		OMB No. 0704-0188														
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: 2011/12/26 b. TO: 2012/01/22															
5. CONTRACT DATA				a. ORIGINAL NEGOTIATED COST 4,312.366		b. NEGOTIATED CONTRACT CHANGE \$1,089.044		c. CURRENT NEGOTIATED COST (A + B) \$5,401.410		d. ESTIMATED COST AUTH UNPRICED WORK 364.402		e. CONTRACT BUDGET BASE (C + D) \$5,765.812		f. TOTAL ALLOCATED BUDGET \$6,481.586		g. DIFFERENCE (E - F) (\$715.775)											
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													BUDGETED COST FOR WORK SCHEDULED (NON - CUMULATIVE)														
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 Feb-12 (4)	+2 Mar-12 (5)	+3 Apr-12 (6)	+4 May-12 (7)	+5 Jun-12 (8)	+6 Jul-12 (9)																			
a. PM BASELINE (BEGIN OF PERIOD)													2,693,509	34,773	36,438	43,884	33,809	41,577	32,046	32,044	653,429	960,017	1,002,105	426,911	3,351,761	0	6,394,223
b. BASELINE CHANGES AUTH DURING REPORT PERIOD																											
BCRA-PRC-12-005R0 - CEIS and P6 Reconciliation of "Closed" activities to Match Cobra																						0				0	
BCRA-PRC-12-007R0 - January 2012 PMB BCR Log Reconciliation to Cobra																					-3					-3	
BCRA-PRC-12-008R0 - January 2012 FEE BCR Log Reconciliation to Cobra																						0				0	
BCRA-PRC-12-009R0 - January 2012 MR BCR Log Reconciliation to Cobra																						0				0	
BCRA-PRC-12-010R0 - Admin BCR for Miscellaneous HPIC Changes																						0				0	
BCRA-030-12-005R0 - RL-30 January Baseline Administrative Changes																						0				0	
BCRA-041-12-003R0 - RL-41 EVM coding, logic, and WBS description changes																						0				0	
BCR-000-12-002R0 - Beryllium Program Revision to Estimate																						0				0	
BCR-000-12-004R0 - Functional Programs Labor Estimate Revision																						0				0	
BCR-R13-12-001R0 - W&FM ARRA Buy-Back																						123				123	
BCR-041-12-002R0 - Waste Site 100-K-102 Realized Risks																						422	150			572	
BCR-041-12-005R0 - Realized Risk for the 116-KE-3; 105-KE Fuel Storage Basin Sub-Basin Drainage Disposal System Crib and Storage Basin French Drain																						114				114	
c. PM BASELINE (END OF PERIOD)													2,728,282		35,574	43,884	33,809	41,577	32,046	32,162	653,426	960,017	1,002,105	427,570	3,351,911	0	6,395,029
7. MANAGEMENT RESERVE																										86,557	
8. TOTAL																										6,481,586	

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 / 12 / 26				
b. LOCATION (Address and ZIP Code) Richland, WA		b. NUMBER RL14788		b. PHASE			b. TO (YYYYMMDD) 2012 / 01 / 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	ACTUAL CURRENT PERIOD	ACTUAL END OF CURRENT PERIOD (Cumulative)	FORECAST (Non-Cumulative)									AT COMPLETION	
			SIX MONTH FORECAST						SPECIFIED PERIODS				
			+1 Feb	+2 Mar	+3 Apr	+4 May	+5 Jun	+6 Jul	REM FY12	FY13	FY14-18		
ITEM (1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(11)	(12)	(13)	(15)	
<b>30B - WBS 98 PSD Distribution</b>													
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
	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>
<b>31 - Communications &amp; Outreach</b>													
000.1 - Communications & Outreach	6	476	8	8	7	8	8	7	15	84	420		1,040
	<b>6</b>	<b>476</b>	<b>8</b>	<b>8</b>	<b>7</b>	<b>8</b>	<b>8</b>	<b>7</b>	<b>15</b>	<b>84</b>	<b>420</b>		<b>1,040</b>
<b>32 - Safety, Health, Security &amp; Quality</b>													
000.2 - Safety,Health,Security/Quality	63	3,977	81	86	81	81	81	88	162	730	2,889		8,256
	<b>63</b>	<b>3,977</b>	<b>81</b>	<b>86</b>	<b>81</b>	<b>81</b>	<b>81</b>	<b>88</b>	<b>162</b>	<b>730</b>	<b>2,889</b>		<b>8,256</b>
<b>34 - Environmental Prog &amp; Strategic Planning</b>													
000.4 - Environmental Prog & Strategic Planning	21	815	23	23	22	22	22	22	43	264	957		2,212
030.2 - Envr Prog & Strategic Planning	19	1,278	29	26	30	27	29	28	50	259	1,702		3,459
	<b>41</b>	<b>2,093</b>	<b>52</b>	<b>49</b>	<b>52</b>	<b>49</b>	<b>50</b>	<b>50</b>	<b>93</b>	<b>522</b>	<b>2,660</b>		<b>5,671</b>
<b>35 - Business Services</b>													
000.6A - Expense PSD	0	1,302	0	0	0	0	0	0	0	0	0		1,302
000.8 - Chief Financial Officer	92	4,496	103	102	102	101	102	102	201	1,190	5,579		12,076
000.9 - Chief Information Officer	0	4	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		15
013.9F - Ramp Up/Transition - Fac	0	1	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		11
030.9F - Ramp Up/Transition - Fac	0	272	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		7
040.9F - Ramp Up/Transition - Fac	0	2	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		18
041.9F - Ramp Up/Transition - Fac	0	1	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		13
	<b>92</b>	<b>6,141</b>	<b>103</b>	<b>102</b>	<b>102</b>	<b>101</b>	<b>102</b>	<b>102</b>	<b>201</b>	<b>1,190</b>	<b>5,579</b>		<b>13,721</b>
<b>36 - Prime Contract &amp; Project Integration</b>													
000.7 - Contract and Baseline Management	40	1,580	43	43	42	42	42	42	84	492	2,313		4,721
	<b>40</b>	<b>1,580</b>	<b>43</b>	<b>43</b>	<b>42</b>	<b>42</b>	<b>42</b>	<b>42</b>	<b>84</b>	<b>492</b>	<b>2,313</b>		<b>4,721</b>
<b>39 - PS&amp;S G&amp;A Adder Offset</b>													
000.5B - PS&S G&A Adder Offset	0	0	0	0	0	0	0	0	0	0	0		0
	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>		<b>0</b>
<b>3A - 100K Area Project &amp; BOS D&amp;D</b>													
012.1 - 100 K Area Project	147	5,490	159	157	103	93	94	94	188	1,257	2,266		9,902
012.2 - Sludge Treatment Project	89	4,489	113	117	151	179	179	178	351	1,506	2,641		9,903
040.1 - PRC D&D	26	7,447	0	0	0	15	24	24	34	0	6,938		14,482
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	64	5,114	86	92	80	80	81	84	202	715	3,707		10,242
041.3 - Waste Sites	9	1,002	5	5	4	7	7	7	12	7	911		1,966
	<b>335</b>	<b>24,884</b>	<b>362</b>	<b>370</b>	<b>339</b>	<b>374</b>	<b>385</b>	<b>387</b>	<b>786</b>	<b>3,485</b>	<b>20,276</b>		<b>51,649</b>
<b>3B - PFP Closure</b>													
011.1 - Plutonium Finishing Plant	464	23,109	488	482	482	481	504	508	1,015	6,496	8,349		41,913
	<b>464</b>	<b>23,109</b>	<b>488</b>	<b>482</b>	<b>482</b>	<b>481</b>	<b>504</b>	<b>508</b>	<b>1,015</b>	<b>6,496</b>	<b>8,349</b>		<b>41,913</b>
<b>3C - Waste &amp; Fuels Management Project</b>													
013.1 - Waste Management	334	28,459	342	342	342	342	342	364	729	4,347	31,798		67,405
013.3 - Solid Waste Variable	8	559	9	9	9	9	9	9	18	108	540		1,279
040.3 - PRC Fac & Waste Site Maint	41	1,753	45	45	45	45	45	45	90	600	2,821		5,535
042.1 - FFTF	5	536	5	5	5	5	5	5	11	83	413		1,075
	<b>388</b>	<b>31,307</b>	<b>401</b>	<b>401</b>	<b>401</b>	<b>401</b>	<b>401</b>	<b>423</b>	<b>848</b>	<b>5,138</b>	<b>35,572</b>		<b>75,294</b>
<b>3D - Soil &amp; Groundwater Remediation</b>													
030.1 - Soil & GW Remediation	214	13,722	262	262	284	282	331	334	606	3,589	18,308		37,980
	<b>214</b>	<b>13,722</b>	<b>262</b>	<b>262</b>	<b>284</b>	<b>282</b>	<b>331</b>	<b>334</b>	<b>606</b>	<b>3,589</b>	<b>18,308</b>		<b>37,980</b>
<b>3F - Engineering, Projects &amp; Construction</b>													
000.F - Eng/Procurement & Construction	15	1,086	18	18	18	18	18	18	35	187	766		2,179
030.3 - EPC - Groundwater	96	3,128	79	64	57	29	18	10	8	26	128		3,546
	<b>111</b>	<b>4,214</b>	<b>97</b>	<b>81</b>	<b>75</b>	<b>46</b>	<b>35</b>	<b>27</b>	<b>43</b>	<b>213</b>	<b>894</b>		<b>5,725</b>
<b>Grand Totals:</b>	<b>1,755</b>	<b>111,506</b>	<b>1,896</b>	<b>1,884</b>	<b>1,865</b>	<b>1,863</b>	<b>1,939</b>	<b>1,968</b>	<b>3,854</b>	<b>21,940</b>	<b>97,260</b>		<b>245,973</b>

**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		
<b>1. CONTRACTOR</b>		<b>2. CONTRACT</b>			<b>3. PROGRAM</b>		<b>4. REPORT PERIOD</b>		
<b>a. NAME</b> CH2M HILL Plateau Remediation Company		<b>a. NAME</b> Plateau Remediation Contract			<b>a. NAME</b> Plateau Remediation Contract		<b>a. FROM (YYYY/MM/DD)</b>  2011/12/26		
<b>b. LOCATION (Address and ZIP Code)</b>  Richland, WA 99354		<b>b. NUMBER</b> RL		<b>b. PHASE</b> Base and ARRA		<b>b. TO (YYYY/MM/DD)</b>  2012/01/22			
		<b>c. TYPE</b> CPAF	<b>d. SHARE RATIO</b>		<b>c. EVMS ACCEPTANCE</b> 2009/09/18 NO YES X				
	<b>BCWS</b>	<b>BCWP</b>	<b>ACWP</b>	<b>SV in \$</b>	<b>SV in %</b>	<b>CV in \$</b>	<b>CV %</b>	<b>SPI</b>	<b>CPI</b>
Current:	34,773	31,162	32,486	(3,611)	-10.4%	(1,324)	-4.3%	0.90	0.96
Cumulative:	2,728,282	2,722,735	2,699,430	(5,546)	-0.2%	23,305	0.9%	1.00	1.01
	<b>BAC</b>	<b>EAC</b>	<b>VAC in \$</b>	<b>VAC in %</b>	<b>CPI to BAC</b>	<b>CPI to EAC</b>			
At Complete:	6,330,233	6,298,118	32,115	0.5%	1.0	1.0			
<b>Explanation of Variance/Description of Problem:</b>									
<p><b>Current Period Schedule Variance:</b> The unfavorable Schedule Variance (-\$3.6M) reflects the following:                      The RL-11 variance (-\$1.4M) is primarily a result of inability to work planned shifts in RMA/RMC process lines due to key resource absence during holiday week, lack of work package backlog, and D&amp;D work restriction. Delays in demolition of the ZB Complex result from more effort required to ready 2736-ZB for demolition and time lost recovering from an un-sampled waste water incident. The Hanford site closure for inclement weather also contributes to the unfavorable variance. The RL-12 combined 100K and STP negative variance (-\$0.2M) is within reporting thresholds. The RL-13 (-\$0.0M) negative variance is within reporting thresholds. The RL-30 negative variance (-\$0.4M) is primarily due to deferral of ATP work scope sliding in November and December while tank repairs and TPA work were being completed. Also contributing are the continued delays in the Sludge Stabilization System due to significant delays in long lead equipment, field installation issues, and design changes. The RL-40 positive variance (+\$0.2M) is within reporting threshold, but is due to demobilization and surveys requiring increased resources and costs for MSA fleet services significantly greater than plan. The RL-41 (-\$1.2M) negative variance is within reporting threshold. The RL-42 variances are within reporting thresholds (+\$0.0M).</p> <p><b>Current Period Cost Variance:</b> The unfavorable Cost Variance (-\$1.3M) is due to the RL-11 negative variance (-\$0.1M) which is within reporting thresholds. The RL-12 combined 100K and STP positive variance (+\$0.5M) is within reporting thresholds. The positive variance in RL-13 (+\$0.6M) is primarily due to the correction of a MLLW contract cost error made in the prior period (December accrual was incorrectly made for the remaining value of the contract and corrected in this reporting period). In addition, staff utilization was below plan due to holidays and weather impacts. Partially offset by resources being transferred from ARRA to Base. Because ARRA funding is exhausted, remaining work required to reach and maintain planned facility conditions will be executed and costed under the Base funding. ARRA layup activities were replanned to a newly established DOE requested/authorized ARRA subproject. Costs associated with replanned scope will be corrected and/or transferred to the new subproject in the next reporting period (February 2012). The RL-30 negative variance (-\$0.9M) is primarily due to the Sludge Stabilization System costing more than planned. There have been significant delays in long lead equipment, field installation issues, and design changes which have resulted in additional cost the project. The RL-40 negative variance (-\$0.4M) is within reporting thresholds. The RL-41 (+\$0.2M) positive variance is within reporting thresholds. The RL-42 variances are within reporting thresholds (+\$0.1M).</p>									
<p><b>Cumulative Schedule Variance:</b> The unfavorable Cumulative Schedule Variance (-\$5.5M) is within reporting thresholds. The RL-11 (-\$4.7M) negative variance is within reporting thresholds. The RL-12 (+\$0.5M) positive variance is within reporting thresholds. The RL-13 negative variance (-\$0.9M) variance is in within threshold however, it reflects delay of the 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 negative variance (-\$0.5M) is within reporting thresholds. The RL-40 negative variance (-\$0.0M) is within reporting thresholds. The RL-41 variance (+\$0.2M) is within reporting thresholds. The RL-42 variances are within reporting thresholds.</p> <p><b>Cumulative Cost Variance:</b> The favorable cost variance (+\$23.3M) is within reporting thresholds and consists of favorable and unfavorable cost variances in direct projects (+\$1.4M) and prior year G&amp;A/DD/PSD distribution in variances (+21.9M).</p>									
<b>Impact:</b>									
<p><b>Current Period Schedule:</b> For RL-11, performance reflects a very slight downward change of 2%. For RL-12, no significant impact. For PBS 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 PBS RL-40 current period schedule variance is within threshold and there is no significant impact. 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, performance is trending upward, improving 5% from last month. For RL-12, no significant impact. For PBS RL-13 there is no cost impact (correction of a MLLW contract cost error made in the prior period [December accrual was incorrectly made for the remaining value of the contract and corrected in this reporting period]). For RL-30, The cost for the Sludge Stabilization System will exceed the original plan. For PBS RL-40, current period cost variance is within threshold and there is no significant impact. 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. No schedule impacts for PBS RL-13. For PBS RL-30, the variance better reflects work completed to date. For PBS RL-40 CTD schedule variance is within threshold and there is no significant impact. 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 VAC reflects expected improved efficiency in completing remaining work scope and the removal of PMB R3 error in PRF TRU waste disposal cost. For RL-12, no significant impact. There are no cost impacts for PBS RL-13. For RL-30, no significant impact. RL-40 cost variance 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 see CTD Schedule. 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 PBS RL-40, no corrective actions are required at this time. 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, no corrective actions are required at this time. 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:** For PBS RL-11, overtime will be used in selected areas to recover schedule, a focused effort has been put in place to have multiple work packages available so alternative scope can be worked should problems arise with the package being worked, resources have been identified in the detailed field execution schedule to assist with more efficient resource utilization, ZB Complex is using two excavators to speed up size reduction of buildings and lighting will improve ERDF can load out efficiency, and sequencing 234-5Z pipe cutting to eliminate any inefficiency associated with two crews working the same area. The lifecycle performance measurement baseline underwent an independent joint CHPRC and DOE-RL review in December 2011; comment resolution is expected by February 2012. 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. 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 underwent an independent joint CHPRC and DOE-RL review in December 2011; comment resolution is expected by February 2012. For PBS RL-12, no corrective actions required. For PBS RL-13 no corrective action required. For PBS RL-30, Cost overruns for the 200 West Pump and Treat System are being addressed and additional funding will be identified as 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%, 5.0% and 11.9% respectively. Variance by PBS follows: RL-11 PFP, the cumulative to date cost and schedule variances are within reporting thresholds. RL-12 has no significant impacts. The RL-13 Solid Waste Stabilization and Disposition favorable monthly cost variance reflects the correction of a MLLW contract cost error made in the prior period (December accrual was incorrectly made for the remaining value of the contract and corrected in this reporting period). In addition, staff utilization was below plan due to holidays and weather impacts and was partially offset by resources being transferred from ARRA to base. The RL-13 Solid Waste Stabilization and Disposition unfavorable monthly schedule variance is within threshold. For RL-30 there is no impact associated with the current month positive variance. The favorable schedule variance in RL-40 is within reporting threshold and is the result of demobilization and surveys requiring increased resources and costs for MSA fleet services significantly greater than plan. The unfavorable cost variance in RL-40 is within reporting threshold. 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 \$32.1 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	364,401,620
Approved Adjustments to Contract Price (not reflected in B.4-1 Table)		
	Total Negotiated Cost Changes	122,898,037
	<b>Grand Total Adjustments</b>	<b>487,299,657</b>

**Use of Management Reserve (MR):** Base MR was reduced by (\$686K) for January 2012.

**Management Reserve Utilization**

BCR Number	Title	Fiscal Year	MR (ARRA) & PBS	MR (Base) & PBS
BCR-041-12-002R0	Waste Site 100-K-102 Realized Risks	2012 & 2017	N/A	RL-041/ 2012/ \$422.3K & RL-041/ 2017/ \$149.8K
BCR-041-12-005R0	Realized Risk for the 116-KE-3; 105-KE Fuel Storage Basin Sub-Basin Drainage Disposal System Crib and Storage Basin French Drain	2012	N/A	RL-041/ 2012/ \$113.9K
<b>Overall MR Change in January 2012 – (\$686K)</b>				

**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.

<b>Prepared by:</b> Project Control Staff	<b>Date:</b> 1/31/2012	<b>Approved by:</b>	<b>Date:</b>
--	---------------------------	---------------------	--------------

(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)