

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



May 2012
CHPRC-2012-05, 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) 2012 / 04 / 22		
b. LOCATION (Address and ZIP Code) Richland, WA													b. NUMBER RL14788			b. PHASE			b. TO (YYYYMMDD) 2012 / 05 / 27		
c. TYPE CPAF													d. SHARE RATIO			c. EVMS ACCEPTANCE NO YES X 9/18/2009					
5. CONTRACT DATA													7. AUTHORIZED CONTRACTOR REPRESENTATIVE								
a. QUANTITY			b. NEGOTIATED COST 5,622,293		c. ESTIMATED COST OF AUTHORIZED UNPRICED WORK 24,850		d. TARGET PROFIT/ FEE 238,900		e. TARGET PRICE 5,861,193		f. ESTIMATED PRICE 5,860,297		g. CONTRACT CEILING 5,861,193		h. ESTIMATED CONTRACT CEILING 5,860,297		i. DATE OF OTB/OTS				
6. ESTIMATED COST AT COMPLETION													a. NAME (Last, First, Middle Initial) Bang, M.V.			b. TITLE Prime Contract Manager					
													c. SIGNATURE			d. DATE SIGNED 5/27/2012					
8. PERFORMANCE DATA																					
WBS[1] ITEM (1)	CURRENT PERIOD					CUMULATIVE TO DATE					REPROGRAMMING ADJUSTMENTS			AT COMPLETION							
	BUDGETED COST		ACTUAL COST WORK PERFORMED (4)	VARIANCE		BUDGETED COST		ACTUAL COST WORK PERFORMED (9)	VARIANCE		COST VARIANCE (12a)	SCHEDULE VARIANCE (12b)	BUDGET (13)	BUDGETED (14)	ESTIMATED (15)	VARIANCE (16)					
	WORK SCHEDULED (2)	WORK PERFORMED (3)		SCHEDULE (5)	COST (6)	WORK SCHEDULED (7)	WORK PERFORMED (8)		SCHEDULE (10)	COST (11)											
011 RL-11 NM Stabilization and Disposition PFP	11,523	8,857	11,906	(2,666)	(3,050)	496,300	490,738	504,313	(5,562)	(13,576)	0	0	0	891,691	898,235	(6,544)					
012 RL-12 SNF Stabilization and Disposition	7,395	5,920	7,482	(1,475)	(1,562)	301,978	299,361	303,461	(2,617)	(4,100)	0	0	0	532,221	536,325	(4,103)					
013 RL-13 Solid Waste Stabilization & Disposition	8,129	8,526	7,852	397	674	672,854	672,677	670,524	(177)	2,153	0	0	0	1,411,181	1,409,849	1,332					
030 RL-30 Soil & Wtr Remediatn Grndwtr/Vadose Zone	11,436	11,101	11,865	(336)	(765)	769,606	769,941	776,352	335	(6,412)	0	0	0	1,492,921	1,498,427	(5,507)					
040 RL-40 Nuclear Facility D&D Remainder of Hanford	891	756	1,328	(135)	(572)	359,661	359,338	334,203	(322)	25,135	0	0	0	646,852	623,116	23,737					
041 RL-41 Nuclear Facility D&D - River Corridor	4,810	2,108	3,705	(2,702)	(1,597)	277,936	271,956	262,258	(5,980)	9,698	0	0	0	517,580	506,435	11,145					
042 RL-42 FTFE Closure	180	180	139	(0)	40	13,201	13,201	11,665	0	1,536	0	0	0	26,169	24,968	1,201					
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	44,363	37,447	44,278	(6,916)	(6,831)	2,891,534	2,877,212	2,862,777	(14,323)	14,434	0	0	0	5,518,616	5,497,356	21,260					
f. Management Reserve														124,041							
g. Total	44,363	37,447	44,278	(6,916)	(6,831)	2,891,534	2,877,212	2,862,777	(14,323)	14,434	0	0	0	5,642,657							
9. Reconciliation to CBB																					
a. Variance Adjustment																					
b. Total Contract Variance									(14,323)	14,434				5,642,657	5,497,356	145,301					

FORMAT 2, DD FORM 2734/2, ORGANIZATIONAL CATEGORIES

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				b. FROM (YYYYMMDD) 2012 / 04 / 23								
b. LOCATION (Address and ZIP Code) Richland, WA		b. NUMBER RL14788				b. PHASE				b. TO (YYYYMMDD)								
c. TYPE CPAF		d. SHARE RATIO				c. EVMS ACCEPTANCE YES X 9/18/2009				2012 / 05 / 27								
5. PERFORMANCE DATA																		
ITEM (1)	FOC	CURRENT PERIOD					CUMULATIVE TO DATE					REPROGRAMMING ADJUSTMENTS			AT COMPLETION			
		BUDGETED COST		ACTUAL COST WORK PERFORMED (4)	VARIANCE		BUDGETED COST		ACTUAL COST WORK PERFORMED (9)	VARIANCE		COST VARIANCE (12a)	SCHEDULE VARIANCE (12b)	BUDGET (13)	BUDGETED (14)	ESTIMATED (15)	VARIANCE (16)	
		WORK SCHEDULED (2)	WORK PERFORMED (3)		SCHEDULE (5)	COST (6)	WORK SCHEDULED (7)	WORK PERFORMED (8)		SCHEDULE (10)	COST (11)							
30A - Project Services & Support																		
011.A - Proj Services & Support																		
012.A - Proj Services & Support																		
013.A - Proj Services & Support																		
030.A - Proj Services & Support																		
040.A - Proj Services & Support																		
041.A - Proj Services & Support																		
042.A - Proj Services & Support																		
30B - WBS 98 PSD Distribution																		
011.A1 - Project Specific Distributables																		
013.A1 - Project Specific Distributables																		
030.A1 - Project Specific Distributables																		
040.A1 - Project Specific Distributables																		
041.A1 - Project Specific Distributables																		
30C - WBS 98 R&RP Distribution																		
011.A2 - PSD R&RP																		
012.A2 - PSD R&RP																		
013.A2 - PSD R&RP																		
030.A2 - PSD R&RP																		
040.A2 - PSD R&RP																		
041.A2 - PSD R&RP																		
042.A2 - PSD R&RP																		
30W - WBS 98 WFR Distribution																		
011.A3 - PSD WFR																		
012.A3 - PSD WFR																		
013.A3 - PSD WFR																		
040.A3 - PSD WFR																		
041.A3 - PSD WFR																		
34 - Environmental Prog & Strategic Planning																		
030.2 - Envir Prog & Strategic Planning																		
35 - Business Services																		
012.3 - Transition (PTB)																		
030.9F - Ramp Up/Transition - Fac																		
3B - PFP Closure, BOS & Infrastructure																		
011.1 - Plutonium Finishing Plant																		
3C - W&FMP/D&D Project																		
012.1 - 100 K Area Project																		
012.2 - Sludge Treatment Project																		
013.1 - Waste Management																		
040.1 - PRC D&D																		
040.2 - D&D Fac Waste Site Remediation																		
041.1 - River Zone																		
041.3 - Waste Sites																		
042.1 - FFTF																		
040.3 - PRC Fac & Waste Site Maint																		
013.3 - Solid Waste Variable																		
3D - Soil & Groundwater Remediation																		
030.1 - Soil & GW Remediation																		
3F - Engineering, Projects & Construction																		
030.3 - EPC - Groundwater																		
b. Cost of Money																		
c. Gen. and Admin.																		
d. Undist. Budget																		
e. Sub Total																		
f. Management Resrv.																		
g. Total																		

FORMAT 3, DD FORM 2734/3, BASELINE

May 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: 2012/04/23 b. TO: 2012/05/27						
5. CONTRACT DATA																
a. ORIGINAL NEGOTIATED COST 4,312,366			b. NEGOTIATED CONTRACT CHANGE \$1,309,927		c. CURRENT NEGOTIATED COST (A + B) \$5,622,293		d. ESTIMATED COST AUTH UNPRICED WORK 24,850		e. CONTRACT BUDGET BASE (C + D) \$5,647,143		f. TOTAL ALLOCATED BUDGET \$5,642,657		g. DIFFERENCE (E - F) \$4,486			
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						BUDGETED COST FOR WORK SCHEDULED (NON - CUMULATIVE)				OUT YEARS (14)	UNDISTRIB BUDGET (15)	TOTAL BUDGET (16)	
			+1 Jun-12 (4)	+2 Jul-12 (5)	+3 Aug-12 (6)	+4 Sep-12 (7)	+5 Oct-12 (8)	+6 Nov-12 (9)	FY09 (10)	FY10 (11)	FY11 (12)	FY12 (13)				
a. PM BASELINE (BEGIN OF PERIOD)	2,847,171	36,629	32,313	31,221	43,015	43,137	28,032	43,615	653,426	960,017	1,002,105	426,027	2,484,113	0	5,525,688	
b. BASELINE CHANGES AUTH DURING REPORT PERIOD																
BCRA-030-12-002R0 - RL-30 May General Administrative Changes															0	
BCRA-040-12-004R0 - RL-40 CEIS & Activity Name Wording Correction															0	
BCR-013-12-003R0 - Cesium & Strontium Capsules Mission Needs Statement															0	
BCR-040-12-003R0 - RL-40 Surveillance & Maintenance Corrections for PMB Rev3												(1,365)	(5,707)		(7,072)	
c. PM BASELINE (END OF PERIOD)	2,891,535		32,088	31,002	42,726	42,859	27,983	43,541	653,426	960,017	1,002,105	424,662	2,478,406	0	5,518,616	
7. MANAGEMENT RESERVE																
														124,041		
8. TOTAL																
														5,642,657		

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 / 04 / 23	
b. LOCATION (Address and ZIP Code) Richland, WA		b. NUMBER RL14788		b. PHASE		b. TO (YYYYMMDD)	
		c. TYPE CPAF	d. SHARE RATIO	c. EVMS ACCEPTANCE NO 9/18/2009		2012 / 05 / 27	

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 Jun	+2 Jul	+3 Aug	+4 Sep	+5 Oct	+6 Nov	REM FY13	FY14-18	(12)	(13)			
ITEM (1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(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	0	1	
013.A1 - Project Specific Distributables	0	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	0	
040.A1 - Project Specific Distributables	0	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	0	1	
31 - Communications & Outreach															
000.1 - Communications & Outreach	6	501	7	7	7	7	7	7	7	70	420			1,035	
	6	501	7	7	7	7	7	7	7	70	420			1,035	
32 - Safety, Health, Security & Quality															
000.2 - Safety,Health,Security/Quality	57	4,212	73	65	65	64	61	61	61	608	2,889			8,099	
	57	4,212	73	65	65	64	61	61	61	608	2,889			8,099	
34 - Environmental Prog & Strategic Planning															
000.4 - Environmental Prog & Strategic Planning	20	896	22	20	20	20	21	21	21	222	957			2,199	
030.2 - Envr Prog & Strategic Planning	13	1,330	24	23	23	23	22	22	22	216	1,702			3,384	
	34	2,226	46	43	43	43	43	43	43	437	2,660			5,583	
35 - Business Services															
000.6A - Expense PSD	0	1,302	0	0	0	0	0	0	0	0	0			1,302	
000.8 - Chief Financial Officer	92	4,871	99	92	91	91	99	99	99	992	5,579			12,013	
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	
	92	6,517	99	92	91	91	99	99	99	992	5,579			13,659	
36 - Prime Contract & Project Integration															
000.7 - Contract and Baseline Management	34	1,717	36	35	36	36	42	42	42	420	2,373			4,737	
	34	1,717	36	35	36	36	42	42	42	420	2,373			4,737	
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	
3B - PFP Closure															
011.1 - Plutonium Finishing Plant	386	24,675	482	465	465	468	516	529	529	5,282	8,515			41,398	
	386	24,675	482	465	465	468	516	529	529	5,282	8,515			41,398	
3C - W&FMP/D&D Project															
012.1 - 100 K Area Project	107	6,034	94	94	94	94	105	105	105	1,048	2,266			9,933	
012.2 - Sludge Treatment Project	122	4,883	184	185	182	177	156	156	156	1,194	2,641			9,757	
013.1 - Waste Management	300	29,699	351	341	335	333	361	361	361	3,625	25,043			60,449	
013.3 - Solid Waste Variable	9	592	9	9	9	9	9	9	9	90	540			1,276	
040.1 - PRC D&D	4	7,472	(26)	0	0	0	0	0	0	0	3,563			11,010	
040.2 - D&D Fac Waste Site Remediation	0	1,341	0	0	0	0	0	0	0	0	1,425			2,766	
040.3 - PRC Fac & Waste Site Maint	34	1,891	43	40	40	40	51	49	49	425	2,318			4,897	
041.1 - River Zone	58	5,355	77	76	71	71	48	48	48	478	3,626			9,852	
041.3 - Waste Sites	10	1,032	9	7	7	7	3	1	3	898				1,967	
042.1 - FFTF	6	557	8	8	8	8	7	7	7	69	413			1,083	
	649	58,857	749	759	746	740	740	736	736	6,931	42,733			112,990	
3D - Soil & Groundwater Remediation															
030.1 - Soil & GW Remediation	206	14,538	255	266	251	249	276	280	280	3,177	16,238			35,530	
	206	14,538	255	266	251	249	276	280	280	3,177	16,238			35,530	
3F - Engineering, Projects & Construction															
000.F - Eng/Procurement & Construction	15	1,146	18	18	18	18	16	16	16	156	766			2,168	
030.3 - EPC - Groundwater	33	3,276	67	29	10	3	0	0	0	26	128			3,538	
	48	4,421	84	46	27	21	16	16	16	182	894			5,707	
Grand Totals:	1,512	117,668	1,831	1,779	1,731	1,719	1,800	1,812	18,100	82,300				228,740	

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

CLASSIFICATION (When Filled In)									
CONTRACT PERFORMANCE REPORT FORMAT 5 - EXPLANATIONS AND PROBLEM ANALYSES							FORM APPROVED OMB No. 0704-0188		
1. CONTRACTOR			2. CONTRACT			3. PROGRAM		4. REPORT PERIOD	
a. NAME CH2M HILL Plateau Remediation Company			a. NAME Plateau Remediation Contract			a. NAME Plateau Remediation Contract		a. FROM (YYYY/MM/DD) 2012/04/23	
b. LOCATION (Address and ZIP Code) Richland, WA 99354			b. NUMBER RL		b. PHASE Base and ARRA		b. TO (YYYY/MM/DD) 2012/05/27		
			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:	44,363	37,447	44,278	(6,916)	-15.6%	(6,831)	-18.2%	0.84	0.85
Cumulative:	2,891,534	2,877,212	2,862,777	(14,323)	-0.5%	14,434	0.5%	1.00	1.01
	BAC	EAC	VAC in \$	VAC in %	CPI to BAC	CPI to EAC			
At Complete:	5,518,616	5,497,356	28,939	0.5%	1.0	1.0			
Explanation of Variance/Description of Problem:									
<p>Current Period Schedule Variance: The unfavorable Schedule Variance (-\$6.9M) reflects the following: The PBS RL-11 negative variance (-\$2.7M) primarily results from D&D field work teams dispatched to HAMMER training for two full weeks to complete most of the required annual training in a single block. The week following completion of block training, intrusive D&D work was suspended as additional repairs were completed on several exhaust fans. The suspension of field work activities in PRF also contributed to the variance. The RL-12 combined 100K and STP negative variance (-\$1.5M) is due to K West fuel processing delays impacting the KOP Project construction testing and readiness activities. KOP Operations will begin in June. The RL-13 positive variance (+\$0.4M) is within reporting thresholds. The RL-30 negative variance (-\$0.3M) is within reporting thresholds. The RL-40 negative variance (-\$0.1M) is within reporting threshold. The RL-41 negative variance (-\$2.7M) is due to Area AG being behind on sampling due to limited resources. K East Sedimentation Basin, 165KE Structure and 105KE Water Tunnel being behind schedule. Sampling resources have not been available for the K East Sedimentation Basin and fitter resources for the 105KE Water Tunnel have been assigned to higher priority workscope. The RL-42 variances are within reporting thresholds (-\$0.0M).</p> <p>Current Period Cost Variance: The unfavorable Cost Variance (-\$6.8M) reflects the following: The PBS RL-11 negative variance (-\$3.0M) primarily results from the inability of D&D field work teams to earn progress, due to the reasons listed above. Also contributing to the variance are higher cost to decontaminate and down-post the ZB-Complex demolition area, costs to repair/maintain the 291-Z Exhaust Fans, block training, and MSC rate increases (retroactive to October 1, 2012). The RL-12 combined 100K and STP negative variance (-\$1.6M) is due to Fuel packaging operations took longer than planned due to additional debris in the containers requiring more resource time to complete and the cost to install trailers to support ECRTS Construction have been greater than expected. The RL-13 positive variance (+\$0.7M) is due to accelerated Cs/Sr capsule critical decision (CD) – 0 activity – planned in 2015. The RL-30 negative variance (-\$0.8M) is a result of the MSA retroactive rate year-to-date adjustment for WSCF laboratory analysis services for FY2012. WSCF rates were increased by approximately 25% retroactive to the beginning of the fiscal year. It is anticipated that the WSCF lab costs will be within overall S&GW WSCF budget for the fiscal year. The RL-40 negative variance (-\$0.6M) is due to cost collection without associated budget for laydown of cover in prior demolition sites. This will be transferred to new ARRA subproject. The RL-41 negative variance (-\$1.6M) is primarily due to revised WSCF sampling costs from prior months and remediation efforts for 100-K-3 have exceeded the planned due to additional contamination. The RL-42 positive variances are within reporting thresholds (+\$0.0M).</p>									
<p>Cumulative Schedule Variance: The unfavorable Cumulative Schedule Variance (-\$14.3M) is within reporting thresholds and reflects the following: The PBS RL-11 negative variance (-\$5.6M) is within reporting thresholds. The RL-12 negative variance (-\$2.6M) is within reporting thresholds. The RL-13 negative variance (-\$0.2M) is within reporting thresholds. The RL-30 positive variance (+\$0.7M) is within reporting thresholds. The RL-40 negative variance (-\$0.3M) is within reporting thresholds. The RL-41 negative variance (-\$6.0M) is due to being behind on K East Sedimentation, 105KE Water Tunnel, 1908K Structure and 165KE Structure due to limited resources. A Baseline Change Request will process in June to defer 1908K and 165KE to out years. The RL-42 variances are within reporting thresholds.</p> <p>Cumulative Cost Variance: The favorable cost variance (+\$14.4M) is within reporting thresholds and consists of favorable and unfavorable cost variances in direct projects (-\$7.4M) and prior year G&A/DD/PSD distribution variances (+21.9M).</p>									
Impact:									
<p>Current Period Schedule: For PBS RL-11, schedule performance declined this period. For RL-12, no significant impact. KOP testing will complete in June with the start of operations also beginning in June. 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.</p> <p>Current Period Cost: For PBS RL-11, cost performance declined this period. For RL-12, no significant impact. For RL-13, there is no Cost impact. For RL-30, it is anticipated that the WSCF lab costs will be within overall S&GW WSCF budget for the fiscal year. 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.</p>									

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

CTD Schedule: For PBS RL-11, performance has leveled off at a rate below the baseline plan; however, it is expected with implementation of initiatives identified during the Value Engineering Workshop that this trend will be reversed. PFP Management decided to retain the Q shift for PRF size reduction of pencil tank assemblies, which brings completion back to baseline plan. D&D of 242-Z has been deferred to FY2013, delaying completion a little over seven months. Delayed reassignment of D&D field teams is pushing completion of follow-on work, causing closeout activities to slip five months. The top ten critical float paths contain activities associated with 291-Z-001 Stack demolition, process vacuum removal, process support equipment removal, D&D RMA/RMC lines (in-situ size reduction), duct and filter removal, 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 31, 2015. TPA Milestone M-083-00A, Complete PFP Facility Transition and Selected Disposition Activities. Due: September 30, 2016 Forecast: April 19, 2016. For RL-12, no significant impact. KOP testing will complete in June with the start of operations also beginning in June. 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, a slight over-run at completion is forecast, primarily due to prior years' unrecoverable cost variance. The FYTD trend has been factored into the FY2012 ETC. Cost savings or cost impact, resulting from schedule impacts discussed above, continue to be evaluated. For RL-12, no significant impact. There are no cost impacts for 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 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 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: PFP will begin to develop the implementation plan. STATUS: Evaluation and implementation continues. 2. Balance of 234-5Z: Areas to be accessed in the future are being reviewed to see if interferences can be removed to enhance worker and equipment movement. STATUS: COMPLETE. 3. RMA/RMC Lines: Develop schedule recovery actions for Rooms 228C & 235A-2--Evaluate scope reduction in HC-17 series gloveboxes; Evaluate more efficient approaches for the HC-18M and HC-18BS glovebox removals; Reduce scope for external mechanical removals. STATUS: COMPLETE. 4. 234-5Z Backside Room: PFP management decided to lay-up the PRF Column GB D&D work effort, which allows RCT resources to be returned to the PFP pool. Additional RCTs in the pool is expected to alleviate the shortage for the Backside Room project. 5. Balance of 234-5Z: Two teams will be fully staffed in early June, which will allow more efficient coordination of 26" process vacuum removal and transfer line removal, as well as more timely size reduction of removed piping. Work packages will be re-sequenced and released to allow the two teams to work independently in separate locations of the duct level (ECD June 2012). 6. PRF field work suspension: All actions in the *PRF Work Resumption Plan* were completed and field work resumed (COMPLETED May 15, 2012). 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, 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 unfavorable schedule variance is primarily due to the RL-11 negative variance (-\$2.7M) primarily results from D&D field work teams dispatched to HAMMER training for two full weeks to complete most of the required annual training in a single block. The week following completion of block training, intrusive D&D work was suspended as additional repairs were completed on several exhaust fans. The suspension of field work activities in PRF also contributed to the variance. The RL-12 combined 100K and STP negative variance (-\$1.5M) is due to K West fuel processing delays impacting the KOP Project construction testing and readiness activities. KOP Operations will begin in June. The RL-41 negative variance (-\$2.7M) is due to Area AG being behind on sampling due to limited resources. K East Sedimentation Basin, 165KE Structure and 105KE Water Tunnel being behind schedule. Sampling resources have not been available for the K East Sedimentation Basin and filter resources for the 105KE Water Tunnel have been assigned to higher priority workscope. The current month unfavorable cost variance is primarily due to RL-11 negative variance (-\$3.0M) primarily results from the inability of D&D field work teams to earn progress, due to the reasons listed above. Also contributing to the variance are higher cost to decontaminate and down-post the ZB-Complex demolition area, costs to repair/maintain the 291-Z Exhaust Fans, block training, and MSC rate increases (retroactive to October 1, 2012). The RL-12 combined 100K and STP negative variance (-\$1.6M) is due to Fuel packaging operations took longer than planned due to additional debris in the containers requiring more resource time to complete and the cost to install trailers to support ECRTS Construction have been greater than expected. The RL-41 negative variance (-\$1.6M) is primarily due to revised WSCF sampling costs from prior months and remediation efforts for 100-K-3 have exceeded the planned due to additional contamination.

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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 \$21.3 million and +0.4%. This variance is within threshold for the Project. The VACs for each project baseline summary (PBS) are also within the threshold limit. For information, the VAC threshold limit is +or- 5% and +or- \$15 million.

Format 1 and 3 Contract Data:

Contract Price Adjustments

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

Use of Management Reserve (MR):

Management Reserve Utilization

BCR Number	Title	Fiscal Year	MR (ARRA) & PBS	MR (Base) & PBS
BCR-040-12-003R0	RL-40 Surveillance & Maintenance Corrections for PMB Rev3	2012-2018	N/A	\$7.1M
Overall MR Change in May 2012 increased \$7.1M				

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: 6/20/2012	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)