

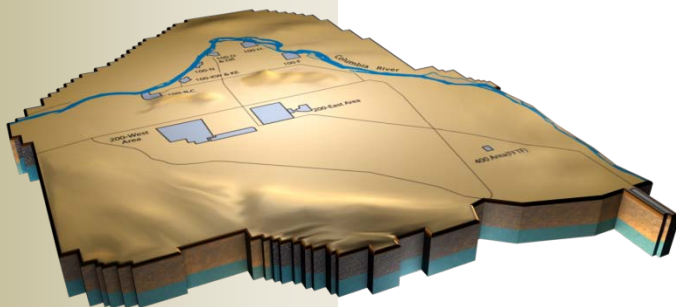
Appendix A-1

Contract Performance Reports ARRA

Format 1 - Work Breakdown Structure

Format 3 - Baseline

Format 5 - Explanation and Problem Analysis



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

CONTRACT PERFORMANCE REPORT													CLASSIFICATION (When Filled In)																																																																																																																																																																																																																																																																																																			
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) 2010 / 05 / 24																																																																																																																																																																																																																																																																																																				
b. LOCATION (Address and ZIP Code) Richland, WA				b. NUMBER RL14788				b. PHASE				b. TO (YYYYMMDD) 2010 / 06 / 20																																																																																																																																																																																																																																																																																																				
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)																																																																																																																																																																																																																																																																																																				
		809,216	530,241		50,021	859,237	1,411,598		859,237	1,411,598																																																																																																																																																																																																																																																																																																						
6. ESTIMATED COST AT COMPLETION																																																																																																																																																																																																																																																																																																																
MANAGEMENT ESTIMATE AT COMPLETION (1)				CONTRACT BUDGET BASE (2)		VARIANCE (3)		7. AUTHORIZED CONTRACTOR REPRESENTATIVE				d. DATE SIGNED (YYYYMMDD)																																																																																																																																																																																																																																																																																																				
a. BEST CASE 1,339,457								a. NAME (Last, First, Middle Initial) Bang, M.V.				b. TITLE Prime Contract Manager																																																																																																																																																																																																																																																																																																				
b. WORST CASE 1,339,457								c. SIGNATURE				2010/06/29																																																																																																																																																																																																																																																																																																				
c. MOST LIKELY 1,339,457				1,339,457		0																																																																																																																																																																																																																																																																																																										
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)																																																																																																																																																																																																																																																																																																					
<table border="1"> <tbody> <tr> <td>RL-0011.R1 PFP D&D</td> <td>8,193</td> <td>5,823</td> <td>6,582</td> <td>(2,370)</td> <td>(759)</td> <td>120,042</td> <td>113,443</td> <td>105,903</td> <td>(6,599)</td> <td>7,539</td> <td>0</td> <td>0</td> <td>0</td> <td>292,294</td> <td>292,294</td> <td>0</td> </tr> <tr> <td>RL-0013C.R1.1 MLLW Treatment</td> <td>1,515</td> <td>540</td> <td>549</td> <td>(975)</td> <td>(9)</td> <td>29,922</td> <td>30,029</td> <td>27,947</td> <td>106</td> <td>2,082</td> <td>0</td> <td>0</td> <td>0</td> <td>47,692</td> <td>47,692</td> <td>0</td> </tr> <tr> <td>RL-0013C.R1.2 TRU Waste</td> <td>7,426</td> <td>6,485</td> <td>7,842</td> <td>(941)</td> <td>(1,357)</td> <td>87,120</td> <td>81,887</td> <td>85,640</td> <td>(5,233)</td> <td>(3,753)</td> <td>0</td> <td>0</td> <td>0</td> <td>238,929</td> <td>238,929</td> <td>0</td> </tr> <tr> <td>RL-0030.R1.1 GW Capital Asset</td> <td>6,939</td> <td>8,585</td> <td>5,362</td> <td>1,646</td> <td>3,222</td> <td>38,383</td> <td>44,701</td> <td>39,083</td> <td>6,318</td> <td>5,618</td> <td>0</td> <td>0</td> <td>0</td> <td>182,637</td> <td>182,637</td> <td>0</td> </tr> <tr> <td>RL-0030.R1.2 GW Operations</td> <td>4,420</td> <td>2,444</td> <td>2,555</td> <td>(1,975)</td> <td>(111)</td> <td>44,047</td> <td>40,377</td> <td>28,132</td> <td>(3,669)</td> <td>12,245</td> <td>0</td> <td>0</td> <td>0</td> <td>73,061</td> <td>73,061</td> <td>0</td> </tr> <tr> <td>RL-0040.R1.1 U Plant/Other D&D</td> <td>5,418</td> <td>5,138</td> <td>5,221</td> <td>(281)</td> <td>(83)</td> <td>100,840</td> <td>96,960</td> <td>85,015</td> <td>(3,880)</td> <td>11,945</td> <td>0</td> <td>0</td> <td>0</td> <td>197,671</td> <td>197,671</td> <td>0</td> </tr> <tr> <td>RL-0040.R1.2 Outer Zone D&D</td> <td>2,481</td> <td>2,919</td> <td>3,865</td> <td>438</td> <td>(946)</td> <td>33,235</td> <td>31,936</td> <td>29,346</td> <td>(1,300)</td> <td>2,590</td> <td>0</td> <td>0</td> <td>0</td> <td>86,604</td> <td>86,604</td> <td>0</td> </tr> <tr> <td>RL-0041.R1.1 100 K Area Remediation</td> <td>8,778</td> <td>7,039</td> <td>11,429</td> <td>(1,739)</td> <td>(4,390)</td> <td>103,500</td> <td>94,314</td> <td>76,707</td> <td>(9,185)</td> <td>17,607</td> <td>0</td> <td>0</td> <td>0</td> <td>190,160</td> <td>190,160</td> <td>0</td> </tr> <tr> <td>b. Cost of Money</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td>c. Gen. and Admin.</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td>d. Undist. Budget</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td>e. Sub Total</td> <td>45,169</td> <td>38,972</td> <td>43,405</td> <td>(6,197)</td> <td>(4,433)</td> <td>557,089</td> <td>533,647</td> <td>477,774</td> <td>(23,443)</td> <td>55,873</td> <td>0</td> <td>0</td> <td>0</td> <td>1,309,048</td> <td>1,309,048</td> <td>0</td> </tr> <tr> <td>f. Management Resrv.</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>30,409</td> <td></td> <td></td> </tr> <tr> <td>g. Total</td> <td>45,169</td> <td>38,972</td> <td>43,405</td> <td>(6,197)</td> <td>(4,433)</td> <td>557,089</td> <td>533,647</td> <td>477,774</td> <td>(23,443)</td> <td>55,873</td> <td>0</td> <td>0</td> <td>0</td> <td>1,339,457</td> <td></td> <td></td> </tr> <tr> <td>9. Reconciliation to CBB</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>a. Variance Adjustment</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>0</td> <td>0</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>b. Total Contract Variance</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>(23,443)</td> <td>55,873</td> <td></td> <td></td> <td></td> <td>1,339,457</td> <td>1,309,048</td> <td>30,409</td> </tr> </tbody> </table>																RL-0011.R1 PFP D&D	8,193	5,823	6,582	(2,370)	(759)	120,042	113,443	105,903	(6,599)	7,539	0	0	0	292,294	292,294	0	RL-0013C.R1.1 MLLW Treatment	1,515	540	549	(975)	(9)	29,922	30,029	27,947	106	2,082	0	0	0	47,692	47,692	0	RL-0013C.R1.2 TRU Waste	7,426	6,485	7,842	(941)	(1,357)	87,120	81,887	85,640	(5,233)	(3,753)	0	0	0	238,929	238,929	0	RL-0030.R1.1 GW Capital Asset	6,939	8,585	5,362	1,646	3,222	38,383	44,701	39,083	6,318	5,618	0	0	0	182,637	182,637	0	RL-0030.R1.2 GW Operations	4,420	2,444	2,555	(1,975)	(111)	44,047	40,377	28,132	(3,669)	12,245	0	0	0	73,061	73,061	0	RL-0040.R1.1 U Plant/Other D&D	5,418	5,138	5,221	(281)	(83)	100,840	96,960	85,015	(3,880)	11,945	0	0	0	197,671	197,671	0	RL-0040.R1.2 Outer Zone D&D	2,481	2,919	3,865	438	(946)	33,235	31,936	29,346	(1,300)	2,590	0	0	0	86,604	86,604	0	RL-0041.R1.1 100 K Area Remediation	8,778	7,039	11,429	(1,739)	(4,390)	103,500	94,314	76,707	(9,185)	17,607	0	0	0	190,160	190,160	0	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	45,169	38,972	43,405	(6,197)	(4,433)	557,089	533,647	477,774	(23,443)	55,873	0	0	0	1,309,048	1,309,048	0	f. Management Resrv.														30,409			g. Total	45,169	38,972	43,405	(6,197)	(4,433)	557,089	533,647	477,774	(23,443)	55,873	0	0	0	1,339,457			9. Reconciliation to CBB																	a. Variance Adjustment										0	0						b. Total Contract Variance									(23,443)	55,873				1,339,457	1,309,048	30,409
RL-0011.R1 PFP D&D	8,193	5,823	6,582	(2,370)	(759)	120,042	113,443	105,903	(6,599)	7,539	0	0	0	292,294	292,294	0																																																																																																																																																																																																																																																																																																
RL-0013C.R1.1 MLLW Treatment	1,515	540	549	(975)	(9)	29,922	30,029	27,947	106	2,082	0	0	0	47,692	47,692	0																																																																																																																																																																																																																																																																																																
RL-0013C.R1.2 TRU Waste	7,426	6,485	7,842	(941)	(1,357)	87,120	81,887	85,640	(5,233)	(3,753)	0	0	0	238,929	238,929	0																																																																																																																																																																																																																																																																																																
RL-0030.R1.1 GW Capital Asset	6,939	8,585	5,362	1,646	3,222	38,383	44,701	39,083	6,318	5,618	0	0	0	182,637	182,637	0																																																																																																																																																																																																																																																																																																
RL-0030.R1.2 GW Operations	4,420	2,444	2,555	(1,975)	(111)	44,047	40,377	28,132	(3,669)	12,245	0	0	0	73,061	73,061	0																																																																																																																																																																																																																																																																																																
RL-0040.R1.1 U Plant/Other D&D	5,418	5,138	5,221	(281)	(83)	100,840	96,960	85,015	(3,880)	11,945	0	0	0	197,671	197,671	0																																																																																																																																																																																																																																																																																																
RL-0040.R1.2 Outer Zone D&D	2,481	2,919	3,865	438	(946)	33,235	31,936	29,346	(1,300)	2,590	0	0	0	86,604	86,604	0																																																																																																																																																																																																																																																																																																
RL-0041.R1.1 100 K Area Remediation	8,778	7,039	11,429	(1,739)	(4,390)	103,500	94,314	76,707	(9,185)	17,607	0	0	0	190,160	190,160	0																																																																																																																																																																																																																																																																																																
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	45,169	38,972	43,405	(6,197)	(4,433)	557,089	533,647	477,774	(23,443)	55,873	0	0	0	1,309,048	1,309,048	0																																																																																																																																																																																																																																																																																																
f. Management Resrv.														30,409																																																																																																																																																																																																																																																																																																		
g. Total	45,169	38,972	43,405	(6,197)	(4,433)	557,089	533,647	477,774	(23,443)	55,873	0	0	0	1,339,457																																																																																																																																																																																																																																																																																																		
9. Reconciliation to CBB																																																																																																																																																																																																																																																																																																																
a. Variance Adjustment										0	0																																																																																																																																																																																																																																																																																																					
b. Total Contract Variance									(23,443)	55,873				1,339,457	1,309,048	30,409																																																																																																																																																																																																																																																																																																

FORMAT 3, DD FORM 2734/3, BASELINE

CONTRACT PERFORMANCE REPORT FORMAT 3 - BASELINE											DOLLARS IN THOUSANDS				Form Approved 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: 2010/05/24 b. TO: 2010/06/20					
5. CONTRACT DATA			a. ORIGINAL NEGOTIATED COST 0		b. NEGOTIATED CONTRACT CHANGE \$809,216		c. CURRENT NEGOTIATED COST (A + B) \$809,216		d. ESTIMATED COST AUTH UNPRICED WORK 530,241		e. CONTRACT BUDGET BASE (C + D) \$1,339,457		f. TOTAL ALLOCATED BUDGET \$1,339,457		g. DIFFERENCE (E - F) \$0	
h. CONTRACT START DATE 4/9/2009			i. DEFINITIZATION DATE				j. PLANNED COMPL DATE 9/30/2011		k. CONT COMPLETION DATE				l. EST COMPLETION DATE 9/30/2011			
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 Jul-10 (4)	+2 Aug-10 (5)	+3 Sep-10 (6)	+4 Oct-10 (7)	+5 Nov-10 (8)	+6 Dec-10 (9)							
a. PM BASELINE (BEGIN OF PERIOD)		557,888	45,968	56,082	50,084	82,800	32,726	40,632	40,059	161,538	585,316	518,241	0	0	0	1,265,095
b. BASELINE CHANGES AUTH DURING REPORT PERIOD																
AWA-040-10-003R0 Continuation of Waste Site 600-38 as RTD Site (Failed CSNA)										0	(194)	199	0	0		6
BCR-013-10-009R0 Alternative Analysis Impact to RH Large Package Capability										0	(822)	663	0	0		(159)
BCR-PRC-10-041R0 ARRA Reapportionment, June 2010										0	9,555	34,459	0	0		44,014
BCR-R11-10-001R0 241-Z Underground Trench - Scope Deferral										0	(242)	249	0	0		7
BCR-R30-10-002R0 TPA M-24 Replacement Well										0	86	0	0	0		86
BCRA-PRC-10-043R0 General Administrative Changes for June 2010										0	0	0	0	0		0
c. PM BASELINE (END OF PERIOD)		557,090		56,532	51,376	90,241	35,036	43,841	43,374	161,538	593,700	553,810	0	0	0	1,309,048
7. MANAGEMENT RESERVE																30,409
8. TOTAL																1,339,457

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) 2010/05/24	
b. LOCATION (Address and ZIP Code) Richland, WA 99354		b. NUMBER RL		b. PHASE ARRA		c. EVMS ACCEPTANCE 2009/09/18 NO YES X		b. TO (YYYY/MM/DD) 2010/06/20	
		c. TYPE CPAF	d. SHARE RATIO						
	BCWS	BCWP	ACWP	SV in \$	SV in %	CV in \$	CV %	SPI	CPI
Current:	45,169	38,972	43,405	(6,197)	-15.9%	(4,433)	-11.4%	0.86	0.90
Cumulative:	557,089	533,647	477,774	(23,443)	-4.4%	55,873	10.5%	0.96	1.12
	BAC	EAC	VAC in \$	VAC in %	CPI to BAC	CPI to EAC			
At Complete:	1,309,048	1,309,048	0	0.0%	0.9	0.9			
Explanation of Variance/Description of Problem:									
<p>Current Period Schedule Variance: The unfavorable schedule variance occurs in the Direct Projects, specifically RL11.R1 (-\$2.4M), RL-13C.R1.1/RL-13C.R1.2 (both -\$1.0M), RL-30/R1/2 (-\$2.0M) and RL-41.R1.1 (-\$1.7M), which are partially offset by favorable schedule variances in RL-30.R1.1 (+\$1.6M) and RL-40.R1.2 (+\$0.4M). For RL-11.R1 the primary unfavorable variance occurs in D&D activities associated with 234-5Z RMA/RMC lines, 234-5A laboratories, 242-Z, 2736-Z/ZB Complex, and the D&D of the balance of 234-5Z. For RL-41.R1.1 the primary unfavorable variance occurs in the RTD⁽³⁾ of 100-K Group 1, 100-K-47 and 100-K-55 waste sites, which are partially offset by favorable schedule performance in the CSNA⁽⁴⁾ efforts on the 100-K Group 1 waste sites and the 100K Reactor Power/River Waste Isolation efforts. For RL-30.R1.2, 41.R1.1, the primary unfavorable variance occurs in the capital EPC Construction Complex & GPP Soil & Groundwater and the barrier efforts on the 100-NR-2 wells. For RL-30.R1.1, the primary favorable variance occurs in capital construction efforts on the ZP-1 & DX Pump & Treat facilities. For RL-13C.R1.2 the unfavorable schedule variance occurs in TRU Retrieval and Next Generation Retrieval TFRCS⁽²⁾ effort, which are partially offset by notable progress on the conceptual design for the Alpha Caisson Waste Removal Project (ACWRP). For RL-13C.R1.1, the primary unfavorable variance occurs in the M-91-42/M-91-43 mixed low level waste efforts and Stimulus 435.1 Compliance.</p> <p>Current Period Cost Variance: The unfavorable cost variance occurs in the following two (2) areas: (1) Unfavorable variances (-\$2.3M) in the Direct projects, specifically RL-13C.R1.2 (-\$1.2M), RL-11.R1 (-\$0.6M), RL-41.R1.1 (-\$3.3M), RL-40.R1.2 (-\$0.9M), which are partially offset by favorable cost variances in RL-30.R1.1 (\$3.2M) and RL-40.R1.1 (\$0.4M); and, (2) Unfavorable G&A distributables (-\$2.5M) due to lower than planned receipt of G&A from the projects with costs for GPP and CENRTC being processed later than scheduled and a one-time point adjustment for the transfer of Recognition Program BCWS from the G&A account to the newly established PSD R&RP⁽⁵⁾ account plus a point adjustment resulting from a DCAA⁽⁶⁾ finding associated with the G&A rate application of cost distributions. For the Direct Projects, the primary unfavorable cost variances occur in: (a) RL-13C.R1.2 due to increased costs for TRU Retrieval and Next Generation Retrieval TFRCS⁽²⁾, which are partially offset by favorable costs on ACWRP design and Waste Retrieval project support; (b) RL-11.R1 continues to use overtime as appropriate to recover from the recent safety stand-down and two stop works resulting in increased costs this month; (c) RL-41.R1.1 due to unfavorable cost performance on KW Sedimentation Basin Complex efforts, demolition of the 115KE/116KE/1706KER/1706KE structures, KW Basin deactivation efforts and 100K Reactor Power/River Water isolation; and, (d) RL-40.R1.2 due primarily to unfavorable cost performance on RTD of O-Zone waste sites. These unfavorable cost variances are partially offset by a favorable variance in RL-30.R1.1 (\$3.2M) on the capital projects for the new ZP-1 and DX Pump & Treat facilities.</p> <p>Cumulative Schedule Variance: The unfavorable cumulative schedule variance occurs in the Direct Projects, specifically RL-41.R1.1 (-\$9.2M), RL-13CR1.2 (-\$5.2M), RL-11.R1 (-\$6.6M), RL-30.R1.2 (-\$3.7M), RL-40R1.1 (-\$3.9M), and RL-40R1.2 (-\$1.3M). These unfavorable variances are partially offset by a favorable cumulative schedule variance in RL-30R1.1 (+\$6.3M). For RL-41.R1.1, delays continue to occur in the isolation of 100K River Water and Reactor power efforts and in KW Sedimentation Basin Complex D&D and RTD of 100-K Group 1 waste sites, both of which are notably offset by the ahead of schedule performance on the removal/disposal of KW Basin debris and equipment. For RL-13C.R1.2 delays occur in TRU Retrieval, Next Generation Retrieval TFRCS⁽²⁾ and TRU Characterization/Shipping, which are partially offset by favorable variances in additional WRAP/T-Plant repackaging efforts. For RL-11.R1 delays continue on D&D efforts on 234-5Z RMC/RMA lines and labs, 2736-Z/ZB, 242-Z and the Alternate Exhaust System, Part 1 and the PFP Air Conditioning project. For RL-40.R1.1 delays occur in demolition of U-Plant/Ancillary Facilities and 200E administrative buildings due to ERDF higher priority support for ERDF containers. For RL-40.R1.2 delays in remediation of the O-Zone waste sites (RTD/CSNA) continue to occur. For RL-13C.R1.1 a noted ahead of schedule performance continues on the Stimulus 435.1 Compliance activities but is almost entirely offset by behind schedule performance on the procurement of Type A waste containers and M-91-42 mixed low level waste efforts. For RL-30.R1.1, the primary favorable schedule performance occurs in the capital and GPP projects for the new ZP-1 and DX Pump & Treat facilities and the 100-NR-2 Drill Well Barrier efforts. For RL-30.R1.2, delays continue in the capital & EPC Construction Complex and GPP S&GW efforts.</p> <p>Cumulative Cost Variance: The favorable cumulative cost variance occurs primarily in the following areas: (1) Favorable variances (+\$43.1M) in all Direct Projects supporting ARRA work scope, except RL-13C.R1.2 (-\$0.1M); and, (2) Favorable variances (+\$12.9M) resulted from lower than expected G&A costs due to company level and Other Hanford pass-backs coupled with a labor underrun in project support staff related to ARRA ramp-up. For the specifics on the variances in Direct Projects see Section A, Sections C through F of this Monthly Report.</p>									

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

<p>Impact:</p> <p>Current Period Schedule: For RL-40.R1.1, RL-40.R1.2 and RL-41.R1.1 the current period schedule impacts are the same as the CTD schedule impacts (see below). For RL-11R.1 a 3-month impact to the completion of demolition ready (9/30/12) is forecast due primarily to the recent safety stand-down and two stop works associated with beryllium control areas and increased safety incidents. A recovery plan has been developed. For RL-40.R1.2 the primary impact occurs in the start of field work on several O-Zone RTD sites, For RL-40.R1.1 the primary impact occurs in the D&D 200E Admin. Buildings and U-Plant. For RL-13.C.R1.2 continued delays are anticipated in TRU Retrieval and Next Generation TRU Retrieval, and delay in the full implementation of the TRU along with ERDF additional disposal capabilities, in the near term. However, the ERDF additional disposal capabilities will correct within the next two months and recovery plans are in development for the CH TRU Retrieval issues associated with deteriorated containers and upset conditions. For RL-30.R1.1 Drilling, 100DX P&T and 200W P&T had favorable schedule performance for the period. For RL-30.R1.2 the unfavorable impact occurs in well drilling activities, which are being addressed to minimize work scope carryover into FY 2011 and the Construction Complex schedule performance continues to struggle.</p> <p>Current Period Cost: For RL-11.R1 labor costs will increase due to overtime utilization to recover schedule on D&D of PRF, 234-5Z Active RMA/RMC lines and the labs due primarily to the recent safety stand-down and two stop works associated with beryllium control areas and increased safety incidents. For RL-40.R1.2 remediating more soil than planned has increased costs, as do regulatory review delays. For RL-40.R1.1, RL-13C.R1.2, RL-13C.R1.1, For RL-30.R1.1 favorable variance will continue on the 100DX P&T and the 200W P&T variance will be monitored, RL-30.R1.2 there is no current period cost impact, and RL-41.R1.1 there is no current period cost impact.</p> <p>CTD Schedule: For RL-41.R1.1 100K River Water and Reactor Power Isolation delays ultimately delay structure demolition and waste site remediation. Additional soil contamination (realized risk) is beginning to impact the schedule. For RL-13C.R1.2 continued delays in the near term are anticipated in next generation CH TRU Retrieval and ERDF additional disposal capabilities. However, the ERDF additional disposal capabilities will correct within the next two months and recovery plans are in development for the CH TRU Retrieval issues associated with deteriorated containers and upset conditions. For RL-11.R1 a 3-month impact to the completion of demolition ready (9/30/12) is forecast due primarily to the recent safety stand-down and two stop works associated with beryllium control areas and increased safety incidents. A recovery plan has been developed and completion of slab-on-grade by 9/30/13 is still anticipated. For RL-30.R1.2 the Construction Complex is four months behind schedule. For RL-40.R1.1 D&D of U-plant Cell 30 is impacted by holdup material being greater than anticipated (realized risk) causing project re-evaluation and no progress being made; insulator shortage for asbestos abatement is slowing down completion; more soil contamination than expected (realized risk) and extensive regulatory reviews (realized risk) are delaying waste site remediation completion. Also, for RL-40.R1.2 remediation of O-Zone waste is impacted and presents a challenge to on-time completion of work.</p> <p>CTD Cost: For RL-40.R1.1 and RL-41.R1.1 there is overall positive cost impact due to project efficiencies. However, negative cost variances are increasing for waste site remediation (RL-40.R1.2) due to additional soil contamination removal (realized risk). There is no impact to cost for all other subprojects, except RL-13C.R1.2, which has increased costs due to CH TRU retrieval issues associated with deteriorated containers and upset conditions. For RL-30.R1.1 favorable variance will continue on the 100DX P&T and the 200W P&T variance will be monitored. For RL-30.R1.2 the Construction Complex costs are well below weighted performance taken to date. Efficiencies in well drilling activities (NR-2 & HR-3) as well as multi-incremental sampling, borehole drilling, and landfill characterization activities have resulted in additional favorable cost variances. For RL-11 a favorable variance at completion is still forecast.</p>
<p>Corrective Action:</p> <p>Current Period Schedule: For RL-11.R1 overtime is being used to recover schedule on D&D activities along with specific recovery actions in many D&D and support areas, such as enhanced SCO process, new routes for direct loading of large equipment, Aspigel for chemical decontamination, transition to PAPR⁽⁵⁾ vs supplied fresh air in 242-Z, in-situ size reduction in labs, et cetera. For RL-40.R1.1, RL-40.R1.2 and RL-41.R1.1 the current period schedule corrective actions are the same as CTD schedule corrective actions (see below). For RL-40.R1.2 O-Zone RTD work will use overtime on field excavations as ERDF opens longer hours and assess methods to streamline documentation. For RL-30.R1.1 no corrective actions required. For RL-30.R1.2 the under-performing contractor on the Construction Complex is being de-scoped where possible and the next phases of work are being aggressively planned. For RL-13C.R1.2 an understatement in Next Gen TRU Retrieval performance will be corrected in the next reporting period, TRU Characterization and Shipping corrective actions by Central Characterization Project (CCP) are in process, and a recovery plan for CH TRU Retrieval is in development.</p> <p>Current Period Cost: For RL-13C.R1.2 the cost variance is primarily a result of lack of progress in TRU Retrieval due to the realization of risk associated with deteriorated containers. A draw down of Management Reserve will be implemented accounting for this increased cost and the projected recovery actions. For RL-11.R1. For RL-11, a reduction to the balance of waste volumes/waste disposal costs is anticipated. This reduction will more than offset the increased costs for overtime to recovery schedule. For RL-30.R1.1 the 200W P&T cost variance is being evaluated and monitored. For RL-30.R1.2 no corrective actions required. For RL-41.R1.1 current period cost corrective actions are the same as the CTD cost corrective actions (see below). For RL-40.R1.1 U-Plant current cost variances can be covered by efficiencies in other D&D areas. For RL-40.R1.2 O-Zone Waste Site remediation current cost variances will be monitored over the next few months to determine longer-term impacts and the need for change control and Request for Equitable Adjustments (REAs).</p> <p>CTD Schedule: For RL-41.R1.1 change control, and REAs, will be used to address additional soil contamination required not originally priced in the contract. Schedule recovery actions, such as multiple shifts and vendor schedule acceleration incentives are being evaluated to recover the 100K River Water and Reactor Power Isolation schedule. D&D structure demolition and waste site remediation activities are being accelerated where they can to offset where other demolition and remediation activities are delayed. For RL13C.R1.2 ERDF additional disposal capabilities will correct later in FY 2010 and recovery plans are in development for the CH TRU Retrieval issues associated with deteriorated containers and upset conditions. For RL-11.R1 a 3-month impact to the completion of demolition ready (9/30/12) is forecast due primarily to the recent safety stand-down and two stop works associated with beryllium control areas and increased safety incidents. A recovery plan has been developed and completion of slab-on-grade by 9/30/13 is still anticipated. For RL-40.R1.2 O-Zone RTD work will use overtime on field excavations as ERDF opens longer hours and assess methods to streamline documentation. Also, insulators from other projects are being re-assigned to help recover schedule. For RL-30.R1.1 no corrective action required. For RL30.R1.2 efforts continue to work the contractors on the Construction Complex to improve performance and schedule.</p> <p>CTD Cost: For RL-40.R1.2 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 activities in RL-40.R1.2. For RL-13C.R1.1 the favorable cost variance is expected to</p>

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

<p>continue. For RL-30.R1.1 the 200W P&T cost variance is being evaluated and monitored. For RL-30.R1.2 performance is overstated on the Construction Complex and this will be corrected over the next 3 to 4 periods resulting in a correction of the cost variance. Efficiencies in well drilling activities (NR-2 & HR-3) as well as multi-incremental sampling, borehole drilling, and landfill characterization activities will remain requiring no corrective action at this time. For RL-11.R1 a reduction to the balance of waste volumes/waste disposal costs is anticipated. This reduction will more than offset the increased costs for overtime to recovery schedule. For RL-13C.R1.2, RL-40.R1.1 and RL-41.R1.1 no corrective actions are required at this time.</p>			
<p>Monthly Summary: (to include technical causes of VARs, Impacts, and Corrective Action(s):</p>			
<p>Overall, the current period schedule and cost variances are due essentially to unfavorable schedule and cost performance in most ARRA work scope coupled with cost efficiencies as discussed above, except ARRA subproject RL-30.R1.1 which has noted favorable current period schedule and cost variances. For RL-41.R1.1 change control, and REAs, will be used to address additional soil contamination required not originally priced in the contract. Schedule recovery actions, such as multiple shifts and vendor schedule acceleration incentives are being evaluated to recover the 100K River Water and Reactor Power Isolation schedule. D&D structure demolition and waste site remediation activities are being accelerated where they can to offset where other demolition and remediation activities are delayed. For RL-40.R1.2 O-Zone RTD work will use overtime on field excavations as ERDF opens longer hours and assess methods to streamline documentation. Also, insulators from other projects are being re-assigned to help recover schedule. For RL13C.R1.1 ERDF additional disposal capabilities are correcting and for RL13C.R1.2 recovery plans are in development for the CH TRU Retrieval issues associated with deteriorated containers and upset conditions. For RL-30.R1.1, the primary favorable schedule performance occurs in the GPP DX and capital ZP-1 Pump & Treat systems. For RL-30.R1.2 delays continue on the GPP S&GW and the Capital EPC construction Complex, which are partially offset by favorable performance on the 100-NR-2 Drill Well Barrier efforts. The favorable cumulative to date cost variances, except in RL-13C.R1.2 for the capital Trailer Complex, are expected to continue. For RL-11.R1 a 3-month impact to the completion of demolition ready (9/30/12) is forecast due primarily to the recent safety stand-down and two stop works associated with beryllium control areas and increased safety incidents. A recovery plan has been developed and completion of slab-on-grade by 9/30/13 is still anticipated.</p>			
<p>Contractually Required Cost, Schedule, EAC variance, Management Reserve Use</p>			
<p>Major Difference in EAC: There is a noted change in the EAC this month over last month. The overall change in EAC, specifically an increase of \$37.8M, is due primarily to an increase in American Recovery & Reinvestment Act (ARRA) work scope (\$37.9M) consistent with the ARRA Reapportionment, Revision 2, forecast profile as submitted by RL to DOE-HQ and incorporated into the PRC Baseline this month via change request BCR-PRC-10-041R0, "ARRA Reapportionment, June 2010", as directed by RL. In addition, management reserve, in the amount of \$6.2M, is used in response to realized risks WDS-007, "CH-TRU Retrieval Complexities", WSD-013A, "TRU Waste Volumes or Characteristics", SGW-006, "Field Issues Impact Well Drilling Performance" and SGW-107, "Unplanned New Wells Required". A slight reduction to the EAC is anticipated next month.</p>			
<p>Variance in Estimated Contract Budget Base at Completion: There is a noted change in the estimated contract budget base at completion over last month, specifically \$37.8M. This change is due primarily to an increase in American Recovery & Reinvestment Act (ARRA) work scope (\$37.9M) consistent with the ARRA Reapportionment, Revision 2, forecast profile as submitted by RL to DOE-HQ and incorporated into the PRC Baseline this month via change request BCR-PRC-10-041R0, "ARRA Reapportionment, June 2010", as directed by RL. Based on contract modification 087 issued in December 2009, which revised the contract budget base upward by \$310M, the PRC Baseline, as adjusted by the ARRA-related change requests processed through June 2010, does include more work scope than documented in contract modification 087. Since all of the work scope documented in the PRC Baseline has not been approved by RL for definitization into the contract, there is variance at completion over the current contract budget base. A slight reduction to the estimated contract budget base is anticipated next month.</p>			
<p>Use of Management Reserve: Management reserve, in the amount of \$6.2M, is used in response to realized risks WDS-007, "CH-TRU Retrieval Complexities", WSD-013A, "TRU Waste Volumes or Characteristics", SGW-006, "Field Issues Impact Well Drilling Performance" and SGW-107, "Unplanned New Wells Required".</p>			
<p>Best/Worst/Most Likely Estimate: Like last month, there is no difference in the Best, Worst and Most Likely estimates at completion – all are equal. However, there is a noted change in the estimate values for June 2010 over May 2010 due to the implementation of change requests as discussed above in Major Difference in EAC.</p>			
<p>Prepared by: Schilling, Bert</p>	<p>Date: 7/28/10</p>	<p>Approved by:</p>	<p>Date:</p>

(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