CH2MHILL
Plateau Remediation Company

Appendix A

Contract Performance Reports

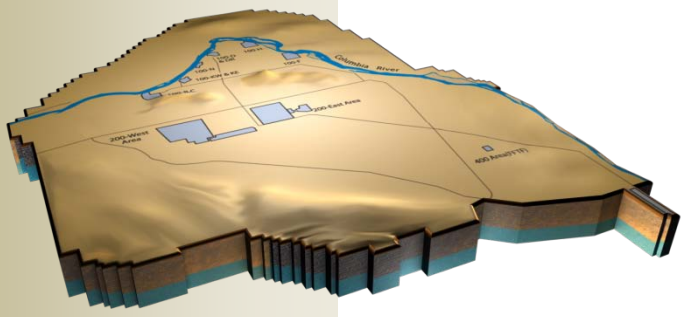
Format 1 - Work Breakdown Structure

Format 2 - Organizational Categories

Format 3 - Baseline

Format 4 - Staffing

Format 5 - Explanation and Problem Analysis



April 2011
CHPRC-2011-04, Rev. 0
Contract DE-AC06-08RL14788
Deliverable C.3.1.3.1 - 1

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

CLASSIFICATION (When Filled In)

CONTRACT PERFORMANCE REPORT
FORMAT 1 - WORK BREAKDOWN STRUCTURE

DOLLARS IN Thousands of $

FORM APPROVED
OMB No. 0704-0188

1. CONTRACTOR	2. CONTRACT	3. PROGRAM	4. REPORT PERIOD
a. NAME CH2M HILL Plateau Remediation Company	a. NAME Plateau Remediation Contract	a. NAME Plateau Remediation Contract	a. FROM (YYYYMMDD) 2011 / 03 / 28
b. LOCATION (Address and ZIP Code) Richland, WA	b. NUMBER RL14788	b. PHASE	b. TO (YYYYMMDD) 2011 / 04 / 24
	c. TYPE CPAF / d. SHARE RATIO	c. EVMS ACCEPTANCE NO YES X 9/18/2009	

5. CONTRACT DATA

a. QUANTITY	b. NEGOTIATED COST	c. ESTIMATED COST OF AUTHORIZED UNPRICED WORK	d. TARGET PROFIT/ FEE	e. TARGET PRICE	f. ESTIMATED PRICE	g. CONTRACT CEILING	h. ESTIMATED CONTRACT CEILING	I. DATE OF OTB/OTS
	5,115,768	1,271,106	247,344	5,363,112	6,634,217	5,363,112	6,634,217	

6. ESTIMATED COST AT COMPLETION

	MANAGEMENT ESTIMATE AT COMPLETION (1)	CONTRACT BUDGET BASE (2)	VARIANCE (3)
a. BEST CASE	6,164,907		
b. WORST CASE	6,500,610		
c. MOST LIKELY	6,386,874	6,500,610	113,736

7. AUTHORIZED CONTRACTOR REPRESENTATIVE

a. NAME (Last, First, Middle Initial)
Bang, M.V.

b. TITLE
Prime Contract Manager

c. SIGNATURE

d. DATE SIGNED (YYYYMMDD)
2011/5/31

8. PERFORMANCE DATA

WBS[1] ITEM (1)	CURRENT PERIOD BUDGETED COST WORK SCHEDULED (2)	CURRENT PERIOD BUDGETED COST WORK PERFORMED (3)	CURRENT PERIOD ACTUAL COST WORK PERFORMED (4)	CURRENT PERIOD VARIANCE SCHEDULE (5)	CURRENT PERIOD VARIANCE COST (6)	CUMULATIVE TO DATE BUDGETED COST WORK SCHEDULED (7)	CUMULATIVE TO DATE BUDGETED COST WORK PERFORMED (8)	CUMULATIVE TO DATE ACTUAL COST WORK PERFORMED (9)	CUMULATIVE TO DATE VARIANCE SCHEDULE (10)	CUMULATIVE TO DATE VARIANCE COST (11)	REPROGRAMMING ADJUSTMENTS COST VARIANCE (12a)	REPROGRAMMING ADJUSTMENTS SCHEDULE VARIANCE (12b)	REPROGRAMMING ADJUSTMENTS BUDGET (13)	AT COMPLETION BUDGETED (14)	AT COMPLETION ESTIMATED (15)	AT COMPLETION VARIANCE (16)
011 RL-11 NM Stabilization and Disposition PFP	13,702	10,726	13,768	(2,975)	(3,042)	354,865	351,101	350,164	(3,763)	937	0	0	0	638,766	651,591	(12,826)
012 RL-12 SNF Stabilization and Disposition	5,906	5,853	6,556	(53)	(703)	215,244	210,461	217,826	(4,783)	(7,365)	0	0	0	580,431	590,442	(10,011)
013 RL-13 Solid Waste Stabilization & Disposition	18,888	20,989	18,722	2,101	2,267	506,216	498,068	507,176	(8,148)	(9,108)	0	0	0	1,921,653	1,872,764	48,888
030 RL-30 Soil & Wtr Remediatn Gmdwtr/Vadose Zone	26,808	27,714	30,113	906	(2,399)	539,714	542,047	552,542	2,334	(10,495)	0	0	0	1,541,514	1,496,494	45,020
040 RL-40 Nuclear Facility D&D Remainder of Hanford	12,718	10,382	12,911	(2,337)	(2,529)	298,902	290,507	263,151	(8,395)	27,355	0	0	0	1,056,163	1,017,298	38,864
041 RL-41 Nuclear Facility D&D - River Corridor	11,327	9,515	8,952	(1,811)	564	210,838	205,798	204,116	(5,040)	1,682	0	0	0	515,032	512,115	2,917
042 RL-42 FFTF Closure	133	133	186	0	(53)	11,016	11,016	10,014	0	1,002	0	0	0	25,085	24,202	883
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	89,481	85,312	91,208	(4,169)	(5,896)	2,136,794	2,108,999	2,104,989	(27,796)	4,009	0	0	0	6,278,643	6,164,907	113,736
f. Management Reserve														221,967		
g. Total	89,481	85,312	91,208	(4,169)	(5,896)	2,136,794	2,108,999	2,104,989	(27,796)	4,009	0	0	0	6,500,610		
9. Reconciliation to CBB																
a. Variance Adjustment																
b. Total Contract Variance									(27,796)	4,009				6,500,610	6,164,907	335,703

CLASSIFICATION (When Filled In)

CONTRACT PERFORMANCE REPORT FORMAT 2 - ORGANIZATIONAL CATEGORIES			DOLLARS IN _ Thousands of $	FORM APPROVED OMB No. 0704-0188
1. CONTRACTOR	2. CONTRACT	3. PROGRAM		4. REPORT PERIOD
a. NAME CH2M HILL Plateau Remediation Company	a. NAME Plateau Remediation Contract	a. NAME Plateau Remediation Contract		a. FROM (YYYYMMDD) 2011 / 03 / 28
b. LOCATION (Address and ZIP Code) Richland, WA	b. NUMBER RL14788	b. PHASE		b. TO (YYYYMMDD) 2011 / 04 / 24
	c. TYPE CPAF / d. SHARE RATIO	c. EVMS ACCEPTANCE NO YES X 9/18/2009		

5. PERFORMANCE DATA

FOC	CURRENT PERIOD					CUMULATIVE TO DATE					REPROGRAMMING ADJUSTMENTS			AT COMPLETION		
	BUDGETED COST		ACTUAL COST	VARIANCE		BUDGETED COST		ACTUAL COST	VARIANCE							
ITEM	WORK SCHEDULED	WORK PERFORMED	WORK PERFORMED	SCHEDULE	COST	WORK SCHEDULED	WORK PERFORMED	WORK PERFORMED	SCHEDULE	COST	COST VARIANCE	SCHEDULE VARIANCE	BUDGET	BUDGETED	ESTIMATED	VARIANCE
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12a)	(12b)	(13)	(14)	(15)	(16)
30A - Project Services & Support																
011.A - Proj Services & Support	1,711	1,711	1,547	0	164	50,378	50,378	45,420	0	4,959	0	0	0	85,462	80,710	4,753
012.A - Proj Services & Support	836	836	739	0	97	25,450	25,450	25,007	0	443	0	0	0	87,516	86,521	996
013.A - Proj Services & Support	2,282	2,282	2,081	0	201	67,700	67,700	62,828	0	4,873	0	0	0	302,684	300,565	2,119
030.A - Proj Services & Support	1,368	1,368	2,142	0	(774)	55,108	55,108	54,856	0	253	0	0	0	195,576	198,609	(3,033)
040.A - Proj Services & Support	1,851	1,851	1,445	0	405	40,299	40,299	31,162	0	9,137	0	0	0	195,108	187,794	7,314
041.A - Proj Services & Support	1,266	1,266	1,002	0	264	28,791	28,791	25,242	0	3,549	0	0	0	87,963	83,264	4,699
042.A - Proj Services & Support	17	17	21	0	(4)	1,531	1,531	1,390	0	141	0	0	0	4,009	3,862	147
	9,331	**9,331**	**8,977**	**0**	**354**	**269,257**	**269,257**	**245,904**	**0**	**23,354**	**0**	**0**	**0**	**958,319**	**941,324**	**16,995**
30B - WBS 98 PSD Distribution																
011.A1 - Project Specific Distributables	173	173	132	0	41	15,614	15,614	16,437	0	(823)	0	0	0	16,561	17,086	(525)
013.A1 - Project Specific Distributables	180	180	142	0	38	9,664	9,664	14,056	0	(4,392)	0	0	0	10,645	14,729	(4,084)
030.A1 - Project Specific Distributables	114	114	202	0	(88)	7,553	7,553	9,641	0	(2,088)	0	0	0	8,173	10,066	(1,893)
040.A1 - Project Specific Distributables	236	236	158	0	78	18,894	18,894	16,887	0	2,008	0	0	0	20,184	17,771	2,413
041.A1 - Project Specific Distributables	131	131	52	0	79	11,439	11,439	10,011	0	1,427	0	0	0	12,155	10,502	1,653
	833	**833**	**685**	**0**	**148**	**63,164**	**63,164**	**67,031**	**0**	**(3,868)**	**0**	**0**	**0**	**67,718**	**70,154**	**(2,436)**
30C - WBS 98 R&RP Distribution																
011.A2 - PSD R & RP	0	0	1	0	(1)	950	950	1,230	0	(280)	0	0	0	950	1,230	(280)
012.A2 - PSD R & RP	0	0	1	0	(1)	0	0	1,409	0	(1,409)	0	0	0	0	1,409	(1,409)
013.A2 - PSD R&RP	0	0	1	0	(1)	1,132	1,132	2,294	0	(1,162)	0	0	0	1,132	2,294	(1,162)
030.A2 - PSD R&RP	0	0	2	0	(2)	989	989	3,154	0	(2,164)	0	0	0	989	3,154	(2,164)
040.A2 - PSD R&RP	0	0	0	0	(0)	1,076	1,076	705	0	371	0	0	0	1,076	705	371
041.A2 - PSD R&RP	0	0	0	0	(0)	854	854	604	0	250	0	0	0	854	604	250
042.A2 - PSD R&RP	0	0	0	0	(0)	0	0	22	0	(22)	0	0	0	0	22	(22)
	0	**0**	**6**	**0**	**(6)**	**5,000**	**5,000**	**9,417**	**0**	**(4,417)**	**0**	**0**	**0**	**5,000**	**9,417**	**(4,417)**
30E - WBS 98 DWMB Distribution																
011.A4 - PSD DWMB	0	0	0	0	0	0	0	0	0	0	0	0	0	0	840	(840)
012.A4 - PSD DWMB	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,271	(2,271)
013.A4 - PSD DWMB	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,835	(2,835)
030.A4 - PSD DWMB	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4,766	(4,766)
040.A4 - PSD DWMB	0	0	0	0	0	0	0	0	0	0	0	0	0	0	769	(769)
041.A4 - PSD DWMB	0	0	0	0	0	0	0	0	0	0	0	0	0	0	375	(375)
042.A4 - PSD DWMB	0	0	0	0	0	0	0	0	0	0	0	0	0	0	52	(52)
	0	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**11,909**	**(11,909)**
30W - WBS 98 WFR Distribution																
011.A3 - PSD WFR	606	606	599	0	7	606	606	599	0	7	0	0	0	11,103	11,096	7
013.A3 - PSD WFR	1,944	1,944	1,922	0	22	1,944	1,944	1,922	0	22	0	0	0	5,000	4,978	22
040.A3 - PSD WFR	602	602	595	0	7	602	602	595	0	7	0	0	0	11,550	11,543	7
	3,152	**3,152**	**3,117**	**0**	**35**	**3,152**	**3,152**	**3,117**	**0**	**35**	**0**	**0**	**0**	**27,653**	**27,618**	**35**
34 - Environmental Prog & Regulatory Mgmt																
030.2 - Envr Prog & Regl Mgt	935	824	647	(111)	177	27,217	26,809	25,147	(409)	1,662	0	0	0	66,928	63,774	3,154
	935	**824**	**647**	**(111)**	**177**	**27,217**	**26,809**	**25,147**	**(409)**	**1,662**	**0**	**0**	**0**	**66,928**	**63,774**	**3,154**
35 - Business Services & Project Controls																
012.3 - Transition (PTB)	0	0	0	0	0	21,768	21,768	21,768	0	0	0	0	0	21,768	21,768	0
030.9F - Ramp Up/Transition - Fac	106	106	47	0	59	22,464	22,464	22,908	0	(444)	0	0	0	23,045	23,584	(538)
	106	**106**	**47**	**0**	**59**	**44,232**	**44,232**	**44,677**	**0**	**(444)**	**0**	**0**	**0**	**44,813**	**45,352**	**(538)**
3A - 100K Area Project																
012.1 - 100 K Area Project	1,819	1,819	1,749	0	69	73,253	73,253	77,362	0	(4,109)	0	0	0	203,403	206,471	(3,069)
012.2 - Sludge Treatment Project	3,250	3,198	4,066	(53)	(869)	94,773	89,990	92,280	(4,783)	(2,290)	0	0	0	267,744	272,002	(4,258)
040.1 - PRC D&D	6,529	5,363	7,327	(1,166)	(1,964)	175,638	170,922	162,341	(4,716)	8,581	0	0	0	480,371	458,517	21,854
041.1 - River Zone	6,537	4,866	5,911	(1,671)	(1,044)	127,699	118,314	134,923	(9,385)	(16,609)	0	0	0	287,184	302,179	(14,995)
042.1 - FFTF	116	116	165	0	(49)	9,486	9,486	8,602	0	884	0	0	0	21,075	20,265	810
	18,251	**15,362**	**19,219**	**(2,890)**	**(3,857)**	**480,849**	**461,965**	**475,508**	**(18,884)**	**(13,543)**	**0**	**0**	**0**	**1,259,777**	**1,259,435**	**342**
3B - PFP Closure, BOS & Infrastructure																
011.1 - Plutonium Finishing Plant	11,212	8,236	11,490	(2,975)	(3,253)	287,317	283,553	286,479	(3,763)	(2,925)	0	0	0	524,689	540,629	(15,940)
	11,212	**8,236**	**11,490**	**(2,975)**	**(3,253)**	**287,317**	**283,553**	**286,479**	**(3,763)**	**(2,925)**	**0**	**0**	**0**	**524,689**	**540,629**	**(15,940)**
3C - Waste & Fuels Management Project																
013.1 - Waste Management	14,482	16,583	14,576	2,101	2,007	425,777	417,628	426,076	(8,148)	(8,448)	0	0	0	1,602,193	1,547,364	54,829
	14,482	**16,583**	**14,576**	**2,101**	**2,007**	**425,777**	**417,628**	**426,076**	**(8,148)**	**(8,448)**	**0**	**0**	**0**	**1,602,193**	**1,547,364**	**54,829**
3D - Soil & Groundwater Remediation																
030.1 - Soil & GW Remediation	8,381	8,809	9,300	428	(491)	266,986	266,214	264,169	(773)	2,045	0	0	0	961,510	927,194	34,316
040.2 - D&D Fac Waste Site Remediation	3,501	2,330	3,385	(1,171)	(1,055)	62,392	58,713	51,462	(3,679)	7,251	0	0	0	347,874	340,200	7,674
041.3 - Waste Sites	3,393	3,252	1,987	(141)	1,265	42,056	46,401	33,337	4,345	13,064	0	0	0	126,876	115,190	11,686
	15,275	**14,392**	**14,672**	**(883)**	**(280)**	**371,434**	**371,328**	**348,967**	**(107)**	**22,360**	**0**	**0**	**0**	**1,436,260**	**1,382,584**	**53,676**
3F - Engineering, Procurement & Construction Proj																
030.3 - EPC - Groundwater	15,903	16,492	17,773	589	(1,280)	159,396	162,911	172,668	3,515	(9,758)	0	0	0	285,292	265,347	19,945
	15,903	**16,492**	**17,773**	**589**	**(1,280)**	**159,396**	**162,911**	**172,668**	**3,515**	**(9,758)**	**0**	**0**	**0**	**285,292**	**265,347**	**19,945**
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	**89,481**	**85,312**	**91,208**	**(4,169)**	**(5,931)**	**2,136,794**	**2,108,999**	**2,104,989**	**(27,796)**	**3,974**	**0**	**0**	**0**	**6,278,643**	**6,164,907**	**113,736**
f. Management Resrv.														221,967		
g. Total	**89,481**	**85,312**	**91,208**	**(4,169)**	**(5,896)**	**2,136,794**	**2,108,999**	**2,104,989**	**(27,796)**	**4,009**	**0**	**0**	**0**	**6,500,610**		

CONTRACT PERFORMANCE REPORT
FORMAT 3 - BASELINE
DOLLARS IN THOUSANDS

Form Approved
OMB No. 0704-0188

1. CONTRACTOR	2. CONTRACT	3. PROGRAM	4. REPORT PERIOD
CH2M HILL Plateau Remediation Company	a. NAME: Plateau Remediation Contract	a. NAME: Plateau Remediation Contract	a. FROM: 2011/3/28
b. LOCATION:	b. NUMBER: RL14788	b. PHASE	b. TO: 2011/4/24
Richland, WA	c. TYPE: CPAF	c. EVMS ACCEPTANCE	
	d. SHARE RATIO:	NO YES X 9/18/2009	

5. CONTRACT DATA

a. ORIGINAL NEGOTIATED COST	b. NEGOTIATED CONTRACT CHANGE	c. CURRENT NEGOTIATED COST (A + B)	d. ESTIMATED COST AUTH UNPRICED WORK	e. CONTRACT BUDGET BASE (C + D)	f. TOTAL ALLOCATED BUDGET	g. DIFFERENCE (E - F)
4,312,366	$803,402	$5,115,768	1,271,106	$6,386,874	$6,386,874	$0

h. CONTRACT START DATE	i. DEFINITIZATION DATE	j. PLANNED COMPL DATE	k. CONT COMPLETION DATE	l. EST COMPLETION DATE
6/19/2008	6/19/2008	9/30/2018	9/30/2018	9/30/2018

6. PERFORMANCE DATA

BUDGETED COST FOR WORK SCHEDULED (NON - CUMULATIVE)

ITEM (1)	BCWS CUM TO DATE (2)	BCWS FOR REPORT PERIOD (3)	SIX MONTH FORECAST +1 May-11 (4)	+2 Jun-11 (5)	+3 Jul-11 (6)	+4 Aug-11 (7)	+5 Sep-11 (8)	6+ Oct-11 (9)	FY09 (10)	FY10 (11)	FY11 (12)	FY12 (13)	OUT YEARS (14)	UNDISTRIB BUDGET (15)	TOTAL BUDGET (16)
a. PM BASELINE															
(BEGIN OF PERIOD)	**2,129,948**	**82,635**	**80,005**	**91,768**	**73,963**	**75,325**	**135,580**	**38,741**	**653,426**	**960,017**	**973,145**	**708,486**	**2,941,171**	**0**	**6,236,246**
b. BASELINE CHANGES AUTH DURING REPORT PERIOD															
AWA-R40-11-003R0 Asbestos Abatement on Steam Lines per Change Order #89											266	0	0		**266**
BCR-012-11-004R0 STP Acceleration of Existing 100K Annex Modifications											1,710	(730)	(1,050)		**(70)**
BCR-030-11-012R0 Additional S&GWP FY 2011 Scope Adjustments, Part II											(372)	1,365	179		**1,172**
BCR-040-11-002R0 Additional B-Plant Pre-Filter Change-outs											99	0	0		**99**
BCRA-000-11-002R0 PC&PI Functional Realignment											0	0	0		**0**
BCRA-PRC-11-033R0 Schedule Logic, Milestones & other Gen. Adm. Changes, April 2011											0	0	0		**0**
BCRA-R40-11-002R0 Mobile Ground Survey Equipment, Capital Procurement											0	0	0		**0**
BCR-PRC-11-021R0 Transfer of Workforce Restructuring to ARRA Only											13,524	0	0		**13,524**
BCR-PRC-11-032R0 200W Pump & Treat IFC Cost/Schedule Revision											27,407	0	0		**27,407**
c. PM BASELINE (END OF PERIOD)	**2,136,794**		**85,336**	**97,417**	**78,475**	**79,752**	**151,447**	**38,839**	**653,426**	**960,017**	**1,015,778**	**709,121**	**2,940,301**	**0**	**6,278,643**
7. MANAGEMENT RESERVE															221,967
8. TOTAL															**6,500,610**

CLASSIFICATION (When Filled In)

CONTRACT PERFORMANCE REPORT FORMAT 4 - STAFFING			FORM APPROVED OMB No. 0704-0188
1. CONTRACTOR	2. CONTRACT	3. PROGRAM	4. REPORT PERIOD
a. NAME CH2M HILL Plateau Remediation Company	a. NAME Plateau Remediation Contract	a. NAME Plateau Remediation Contract	a. FROM (YYYYMMDD) 2011 / 03 / 28
b. LOCATION (Address and ZIP Code) Richland, WA	b. NUMBER RL14788	b. PHASE	b. TO (YYYYMMDD) 2011 / 04 / 24
	c. TYPE CPAF / d. SHARE RATIO	c. EVMS ACCEPTANCE NO 9/18/2009	

5. PERFORMANCE DATA (All figures in whole numbers of equivalent month. One equivalent month equals on person working one month)

FOC Group by FOC ITEM (1)	ACTUAL CURRENT PERIOD (2)	ACTUAL END OF CURRENT PERIOD (Cumulative) (3)	FORECAST (Non-Cumulative) SIX MONTH FORECAST +1 May (4)	+2 June (5)	+3 July (6)	+4 Aug (7)	+5 Sep (8)	+6 Oct (9)	SPECIFIED PERIODS REM FY12 (11)	FY13 (12)	FY14-18 (13)	AT COMPLETION (15)
30B - WBS 98 PSD Distribution												
011.A1 - Project Specific Distributables	0	1	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
030.A1 - Project Specific Distributables	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	**1**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**1**
31 - Communications & Outreach												
000.1 - Communications & Outreach	14	373	15	15	15	15	15	0	101	81	22	650
	14	**373**	**15**	**15**	**15**	**15**	**15**	**0**	**101**	**81**	**22**	**650**
32 - Safety, Health, Security & Quality												
000.2 - Safety,Health,Security/Quality	141	3,079	141	140	141	140	140	0	758	599	162	5,300
	141	**3,079**	**141**	**140**	**141**	**140**	**140**	**0**	**758**	**599**	**162**	**5,300**
34 - Environmental Prog & Regulatory Mgmt												
000.4 - Environmental Prog & Regl Mgt	22	644	24	24	24	24	24	0	205	163	44	1,177
030.2 - Envr Prog & Regl Mgt	32	1,065	43	42	44	43	44	0	410	287	84	2,062
	55	**1,709**	**67**	**66**	**68**	**67**	**68**	**0**	**615**	**450**	**128**	**3,239**
35 - Business Services												
000.6A - Expense PSD	7	1,283	3	1	0	0	0	0	0	0	0	1,287
000.8 - Chief Financial Officer	130	3,518	128	128	127	127	127	0	1,049	862	245	6,310
000.9 - Chief Information Officer	0	1	0	0	0	0	0	0	0	0	0	1
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	5	266	1	1	1	1	1	0	0	0	0	271
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
	142	**5,135**	**133**	**130**	**128**	**128**	**128**	**0**	**1,049**	**862**	**245**	**7,937**
36 - Prime Contract & Project Integration												
000.7 - Contract and Baseline Management	46	1,189	41	44	45	45	45	0	311	248	67	2,034
	46	**1,189**	**41**	**44**	**45**	**45**	**45**	**0**	**311**	**248**	**67**	**2,034**
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**
3A - 100K Area Project & BOS D&D												
012.1 - 100 K Area Project	124	4,448	134	125	139	139	120	0	1,408	1,380	183	8,075
012.2 - Sludge Treatment Project	136	3,413	137	135	122	122	153	0	1,461	637	31	6,212
040.1 - PRC D&D	298	7,472	289	281	259	252	234	0	2,451	2,527	521	14,287
041.1 - River Zone	203	4,091	161	161	169	173	164	0	440	299	100	5,758
042.1 - FFTF	8	537	6	5	6	7	6	0	83	83	34	767
	769	**19,961**	**727**	**707**	**695**	**693**	**676**	**0**	**5,844**	**4,926**	**868**	**35,099**
3B - PFP Closure												
011.1 - Plutonium Finishing Plant	744	18,022	727	720	701	700	696	0	8,538	2,867	1	32,972
	744	**18,022**	**727**	**720**	**701**	**700**	**696**	**0**	**8,538**	**2,867**	**1**	**32,972**
3C - Waste & Fuels Management Project												
013.1 - Waste Management	859	23,354	846	846	860	848	824	0	8,319	6,564	2,495	44,955
013.3 - Solid Waste Variable	21	408	24	25	25	24	24	0	776	99	22	1,428
	880	**23,762**	**870**	**871**	**885**	**872**	**848**	**0**	**9,095**	**6,664**	**2,517**	**46,383**
3D - Soil & Groundwater Remediation												
030.1 - Soil & GW Remediation	443	11,057	407	391	404	386	360	0	5,521	4,327	1,453	24,304
040.2 - D&D Fac Waste Site Remediation	61	1,130	70	62	57	43	45	0	1,113	1,046	331	3,898
041.3 - Waste Sites	46	773	51	55	57	47	43	0	276	227	95	1,623
	549	**12,959**	**527**	**508**	**518**	**477**	**449**	**0**	**6,909**	**5,600**	**1,878**	**29,825**
3F - Engineering, Procurement & Construction Proj												
000.F - Eng/Procurement & Construction	47	802	47	47	47	47	47	0	213	169	46	1,465
030.3 - EPC - Groundwater	176	1,980	148	137	173	171	118	0	87	245	15	3,075
	222	**2,782**	**195**	**184**	**220**	**218**	**165**	**0**	**300**	**414**	**61**	**4,540**
Grand Totals:	**3,562**	**88,974**	**3,442**	**3,386**	**3,417**	**3,355**	**3,229**	**0**	**33,518**	**22,709**	**5,950**	**167,979**

CLASSIFICATION (When Filled In)

CONTRACT PERFORMANCE REPORT
FORMAT 5 - EXPLANATIONS AND PROBLEM ANALYSES

FORM APPROVED
OMB No. 0704-0188

1. CONTRACTOR	2. CONTRACT		3. PROGRAM	4. REPORT PERIOD
a. NAME CH2M HILL Plateau Remediation Company	a. NAME Plateau Remediation Contract		a. NAME Plateau Remediation Contract	a. FROM (YYYY/MM/DD) 2011/3/28
b. LOCATION (Address and ZIP Code) Richland, WA 99354	b. NUMBER RL		b. PHASE Base and ARRA	b. TO (YYYY/MM/DD) 2011/4/24
	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:	89,481	85,312	91,208	(4,169)	-4.7%	(5,896)	-6.9%	0.95	0.94
Cumulative:	2,136,794	2,108,999	2,104,989	(27,796)	-1.3%	4,009	0.2%	0.99	1.00
	BAC	**EAC**	**VAC in $**	**VAC in %**	**CPI to BAC**	**CPI to EAC**			
At Complete:	6,278,643	6,164,907	113,736	1.8%	1.0	1.0			

Explanation of Variance/Description of Problem:

Current Period Schedule Variance: An unfavorable current period schedule variance occurs in RL-11 (-$3.0M), RL-12 (-$.1M), RL-40 (-$2.3M) and RL-41 (-$1.8M) partially offset by a favorable variance in RL-13 (+$2.1M) and RL-30 (+$.9M). RL-11 unfavorable variance is a result of delays in completing D&D of 234-5Z and 242Z caused by contamination events and unexpected elevated levels of airborne radioactivity. RL-13 favorable variance is due to efficiencies in RH/Large Package Commercial Repack and from activities in the 200 Area Liquid Effluent Facilities where performance from prior month schedule variances was taken this month for procurement of the Thin Film Dryer vessel and for early receipt of RO Membranes that were scheduled for August and September. RL-30 favorable variance is primarily due to 100HX P&T construction being ahead of schedule. The RL-40 unfavorable variance is due to prior months completion of 209E Simi Works Zone and completion of 209EA in March when it was scheduled for completion in May, performance taken in previous months for the T-Plant zone building prep and Demo, and for Outer Area Waste Sites relating to 200-W-33, 216-N-6 and 6607 1/2/3. The PBS RL-41 unfavorable variance resulted from the100-KW Fuel Debris campaign being completed ahead of schedule and delays in the 105KE Reactor Interim Safe Storage activities due to delays in schedule slippages in other 100K activities. RL-12, RL-30, and RL-42 variances are within reporting thresholds.

Current Period Cost Variance: An unfavorable current period cost variance occurs in the Direct Projects. The notable unfavorable cost variances occur in: PBSs RL-11 (-$3.0M), the unfavorable variance is primarily a result of D&D work crews' inability to complete planned work (due to down time caused by contamination events or high-levels of airborne radioactivity), and working on activities to recover from the contamination event, for which no progress could be claimed. Also contributing to the variance is the continued surveillance/monitoring and maintenance of vital systems required to support D&D (which were originally planned to be deactivated) and additional resources and overtime used to complete pencil tank size reduction activities in PRF; RL-12 (-$.7M) driven by the ECRTS subproject where work for acceleration of the modification to the existing Annex was initiated, but without BCWS approval by BCR (now scheduled for May); RL-30 (-$2.4M) primarily due to ZP-1 Pump-and-Treat procurements and construction; and RL-40 (-$2.5M) primarily in U Plant Zone D&D due to mobilization and startup costs for the U Canyon grouting contractor as well as additional core drills and Outer Area Waste Sites were re-vegetation was mostly in March, but a large portion of the costs weren't received until April. The notable favorable cost variances occur in: RL-13 (+$2.3M) due to efficiencies in alternative approach for RH/Large Package Commercial Repack and from activities in the 200 Area Liquid Effluent Facilities procurements; and RL-41 (+$.6M) where the100-K Group 1 Remediation activities in Area AG are costing less, in the 100-K Group 3 structures where costs for the 183.1E Head house above-grade demolition occurred and reflected in the BCWP but the BCWS was in prior months, and partially offset by numerous insignificant positive and negative variances; RL-42 variance is within reporting thresholds.

Cumulative Schedule Variance: ***All PBSs are within variance thresholds.*** The unfavorable cumulative schedule variance, (-$27.8M), occurs in the Direct Projects with all PBSs behind schedule, except RL-30 (slightly ahead of schedule) and RL-42 (on schedule). For the Direct Projects, the following cumulative unfavorable schedule variances are noted: for PBS RL-11 (-$3.7M) due to work complexity of glove box removal (primarily in D&D of 234-5Z), contamination events, and additional respiratory protection requirement; for PBS RL-12 (-$4.8M) the primary unfavorable variance occurs in the design and sampling of Engineered Containerized sludge, the design and testing for the Knock Out Pot Processing system and procurement of the MCOs; for PBS RL-13 (-$8.2M) the primary unfavorable variance occurs in MLLW Treatment where shipment delays have occurred due to receiving facility's inability to accept extra-large sized waste shipments pending permit/building modification and delay in receipt of M-91-42 waste feed from TRU Retrieval, TRU Retrieval delays due to container shipping authorization, and cancellation of remote controlled unit (robot) procurement; for PBS RL-40 (-$8.4M) the primary unfavorable variance is due to delays in 200-E Admin Zone Facilities going to cold and dark due to Bio-hazard and Radiological contamination issues that took longer than planned to resolve thereby delaying asbestos abatement work at the 284E Powerhouse and also delays in grouting of the U-Plant Canyon cells due to contracting issues which have now been resolved. For RL-41 (-$5.0M) the primary unfavorable variance resulted from the100-K Group 1 Remediation ahead of schedule performance taken in prior months on numerous sites and 100-K Group 3 structures remediation being placed on hold due to Utilities Upgrades not being completed.

Explanation of Variance/Description of Problem (Continued):

Cumulative Cost Variance: ***All PBSs are within variance thresholds.*** The significant favorable cumulative cost variance, (+$4.0M), occurs in three primary areas: (1) Unfavorable cost variances (-$11.1M) in direct projects, specifically PBSs RL-12,RL-13, and RL-30; (2) Favorable G&A/DD distribution variances (+$19.4M) resulting from lower than expected G&A costs due to company level and Other Hanford Pass-back, lower assessments from MSA for Other Provided Services to PRC and a labor under run in project support staff related to ARRA ramp-up; and, (3) Unfavorable PSD Distribution (-$3.3M) due to the increased cost of establishing the ARRA Mobile office complex and distribution of the CHPRC Rewards and Recognition Program which did not have BCWS. For the specifics on the favorable variances in Direct Projects see Sections A through G of this Monthly Report. For specifics on favorable variances in G&A and Direct Distributables see Appendix C.

Impact:

Current Period Schedule: For PBS RL-11 the primary impact is in D&D of process and lab areas and getting Z/ZB Complex ready for demolition. For PBS RL-40 the primary impacts occur in U-Plant D&D activities. For PBS RL-13 the primary impact is the delay in receipt of M-91-42 waste feed from TRU Retrieval. For PBSs RL-40 and RL-41, current period schedule impacts are the same as the CTD schedule impacts (see below). For PBS RL-12 KOP design and pretreatment activities are nearly recovered to meet the window of opportunity to sort and separate the KOP sludge in the KW Basin prior to shipment of Fuel MCOs. For PBS RL-30 the primary favorable impacts occur on the Construction Complex construction activities. For RL30 there is no impact associated with the current month positive schedule variance. For PBS RL-13 there is no current impact.

Current Period Cost: For RL-12, the cost incurred for the Annex design subcontractor inception to date was authorized by CHPRC contracts. In addition, the project also initiated modifications to the existing 100K W Annex facility in preparation for the follow-on construction work. Once the BCRs are processed, this will correct the most of the one-month variance. For PBS RL-11 the current period cost impact is reflected in the variance at completion, which is further discussed in the CTD explanation below. For PBS Rl-13 cost impact is in overruns for Trench Face Retrieval and Characterization System (TRFCS) site prep and start up work and increased labor costs for TRU Retrieval recovery. For PBS RL-40, U-Ancillary project is using more resources than planned to recover schedule, at 212 N/P/R, more demolition debris than planned was disposed of at ERDF resulting in higher than anticipated disposal costs. Both are offset by efficiencies in other areas and no long-term impact is expected. Also, regulatory review delays have increased costs. For PBS RL-41 minimal impact is expected due to the overall positive variance.

CTD Schedule: For PBS RL-30 no major project completion impacts are expected at this time. For PBS RL-40 finalizing the grouting contract for U-Canyon; delays with 200E Admin Buildings; delays with turnover of ALE facilities; evaluation of site priorities; and extensive regulatory reviews (realized risk) are delaying waste site remediation completion. For RL-41, 100K Utilities Reroute delays have delayed structure demolition and waste site remediation. Additional soil contamination (realized risk) has impacted the schedule. For PBS RL-13, MLLW shipment delays due to receiving facility's inability to accept extra-large sized waste shipments pending permit/building modifications, and delay in receipt of feed from TRU Retrieval. , T-Plant Repack impacted by need to vent drums with 90 mil liners, TRU Retrieval delays due to container shipping authorization, cancellation of remote controlled unit (robot) procurement and delayed closeout of Trench ace Processing System (TFPS) procurement. For PBS RL-11 focusing D&D field work teams on achieving the September 30, 2011, Key Performance Parameter (KPP) impacts other work. Even though there is a seven-month impact to PRF and 242-Z D&D completion, the TPA Milestone M-083-43, Complete Transition Of The 242-Z Waste Treatment Facility and 236-Z Plutonium Reclamation Facility To Support PFP Decommissioning, will be completed by its 9/30/2013 due date. Schedule delays, due to stop works and contamination events, have put the September 30, 2011, ARRA KPP completion at risk. For PBS RL-12 there is no CTD impact to the STP Project critical path. The subcontracts have been awarded for the Annex design and the existing annex modification and the work will be completed in time to support contract deliverables.

CTD Cost: For all PBSs, except RL-12, there is an overall positive cost impact due to project efficiencies. However, negative cost variances are increasing for waste site remediation due to additional soil contamination removal (realized risk). There is no impact to cost for all other PBSs, except PBS RL-12, which had increased costs due to greater contamination removal required on the KE Basin Substructure (now complete) and in KW Operations due to increased staffing in FY2009, both of which are costs that will not recover further. The PBS RL-30 cost overruns are being managed and actions are being taken to funds manage cost over-runs and under-runs. For RL-11 an unfavorable variance at completion is forecast, due to realized risk, schedule delays, and corrective actions being undertaken to regain schedule, which include increased overtime, additional shifts, and extended resources/teams. The cost impact of extending D&D of 236-Z and 242-Z into FY13, due to teams re-assigned to support priority RMA/RMC KPP glovebox removal, is reflected in the spend forecast and contributes $16.5M to the unfavorable variance at completion.

Corrective Action:

Current Period Schedule: For PBS RL-11 the focus continued on achieving the September 30, 2011, glovebox Key Performance Parameter (KPP). For PBS RL-12, the KOP processing equipment is near completely fabricated, it just wasn't delivered due to the re-work of the pretreatment material. The project expects delivery of the majority of the equipment in the April/May timeframe to allow for the fuel MCOs to be processed this year. For PBSs RL-40 and RL-41 the current period schedule corrective actions are the same as CTD schedule corrective actions (see below). For PBS RL30 no corrective actions are required. For PBS RL-13 no corrective action required.

Current Period Cost: For PBS RL-40 and 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. No cost corrective actions are required for PBS RL-13. For RL12, STP will work with the CHPRC change management organization and process the required change requests. For RL-11, cost variance is partially due to corrective action taken to resolve schedule impact.

CTD Schedule: For PBS RL-30 no corrective action required. For PBS RL-40 insulators and other resources from other projects are being re-assigned to help recover schedule; additional management attention is focused on grouting contract for U-Canyon finalization and 209E project execution. For PBS RL-40 waste sites, informal agreement has been achieved on site priorities, which is expected to be formalized and efforts continue to reduce the timeline for regulatory reviews. 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. PBS RL-11 PFP is briefing CHPRC senior management on actions that can be taken to mitigate the risk of achieving the September 30, 2011 KPP. Impacts to the baseline 9/30/13 project completion date continue to be evaluated. For PBS RL-13 recovery plans are being implemented for the CH TRU Retrieval issues. For PBS RL-12, the ECRTS[(2)] Annex design and existing annex modification BCRs will allow for the taking of appropriate performance for the work completed CTD. Sampling and analysis work is recovering at the laboratory, and the KOP Pretreatment activities have installed the equipment, performed Construction Acceptance Testing and are proceeding into the Readiness activities.

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CTD Cost: 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-13 no corrective action required. For PBS RL-30 no corrective action required. For PBS RL-12, no corrective actions are required as this is mostly FY2009 actuals in the project area and the allocations were FY10 distributions. Also, a cost transfer to PBS RL-41 K West Basin Debris removal was considered and deemed unnecessary. For PBS RL-11, efficiencies expected from use of Aspigel®, new containment approach, revised SCO process, and leaving equipment in place for removal during demolition are not expected to fully mitigate the increased staff/overtime required to mitigate schedule delays. The total impact to RL-11 is not recoverable; no further corrective actions are planned. For PBS RL-12, the ECRTS(2) Annex design and existing annex modification change requests will allow for the taking of appropriate performance for the work completed CTD.

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. Overall, the current period schedule and cost variances are mixed between favorable and unfavorable performance and the cumulative to date schedule variance worsened while the favorable cost variance continued to decline. Variance by PBS follows: RL-11 PFP D&D work complexity of glove box removal and 234-5Z D&D preparations has impacts both monthly and cumulative to date schedule variances however, the cumulative to date cost variances continue to be slightly positive for work completed due to efficiencies from overhead distributions; RL-12 Spent Nuclear Fuel reflects an insignificant current period unfavorable cost and schedule variances that continues to be driven by the ECRTS(2) subproject where work was initiated, but without approval of the change requests for acceleration of the modification to the existing Annex thus also further degrading the cumulative variances; RL-13 Solid Waste Stabilization and Disposition favorable monthly cost and schedule variances reflect efficiencies in RH/Large Package Commercial Repack and from activities in the 200 Area Liquid Effluent Facilities procurements thereby reducing the cumulative to date cost and schedule variances that have resulted from mixed low level waste shipment delays due to receiving facility's inability to accept extra-large sized waste shipments pending permit/building modification and delay in receipt of M-91-42 waste feed from TRU Retrieval; RL-30 Soil & Water Remediation continues to reflect a slight positive schedule variance and the negative cost variance continues for the ZP-1 and 100HX Pump-and-Treat projects; RL-40 Nuclear Facilities D&D Remainder of Hanford current period variances reflect earn value performance taken ahead of schedule for completion of 209E Simi Works Zone and completion of 209EA in March when it was scheduled for completion in May, performance taken in previous months for the T-Plant zone building prep and Demo, and for Outer Area Waste Sites relating to 200-W-33, 216-N-6 and 6607 1/2/3 and unfavorable cumulative period schedule variance primarily occurred in the 200 East Administrative Zone were completion of the cold and dark activities due to Bio-hazard and radiological contamination issues took longer than planned to resolve; RL-41 Nuclear Facilities D&D RC Closure Project unfavorable monthly and cumulative period schedule variances are driven by 100-K Group 3 structures remediation being placed on hold due to Utilities Upgrades not being completed; and RL-42 FFTF continues to have no schedule variances and a favorable cost variance as it is being maintained in a cold and dry status. For the specifics on the corrective action plans in Direct Projects see Sections A through G of this Monthly Report.

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 $113.7 million and 1.8%. 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.

Use of Management Reserve: Management reserve, in the amount $10 million, is used in April 2011 as follows: (1) $1.3 million Base in project baseline summary (PBS) RL-0030 scope as documented in change request BCR-030-11-012R0 due to two (2) realized risks, (a) SGW-017, "Groundwater Flow less than Planned – 200W Pump & Treat, Phase 1", in which the fouling of the 200-ZP-1 Operable Unit wells impacts the groundwater flow required for the 200W Pump-and-Treat facility; and, (b) unassigned risk PRC-010, "Requirements Change", in which the change in electrical code results in the need for electrical grounding for groundwater wells; (2) $0.1 million Base in PBS RL-0040 for realized risk D4-043, "Unforeseen Facility Event Impacts Safety or Environment", associated with the unexpected frequency change for B-Plant Pre-filters to the main exhaust stack as documented in change request BCR-040-11-002R0; and, (3) $8.6 million [$5.2 million American Recovery & Reinvestment Act (ARRA) and $3.4 million Base] in PBS RL-0030 for four (4) realized risks associated with design and construction of the 200W Pump-and-Treat facility as documented in change request BCR-PRC-11-032R0. Overall, management reserve in April 2011 is ***reduced*** from $232.0 million to $222.0 million.

Best/Worst/Most Likely Estimate: The Best EAC is the EAC reported this month, which assumes all efficiencies gained contract-to-date will remain at completion with no use of management reserve. The most likely EAC is the EAC reported this month plus the to-go (available) management reserve, which assumes all efficiencies gained contract-to-date will remain at completion but all available management reserve is used (e.g., all identified risks realized). The worst EAC is the BAC reported this month plus the to-go (available) management reserve, which assumes all efficiencies gained contract-to-date will be eroded at completion and all available management reserve is used (e.g., all identified risks realized). The Best/Worst and Most Likely EAC values are documented in the Format 1 Report.

Prepared by:	**Date:**	**Approved by:**	**Date:**
Schilling, Bert	5/31/11		

(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)