

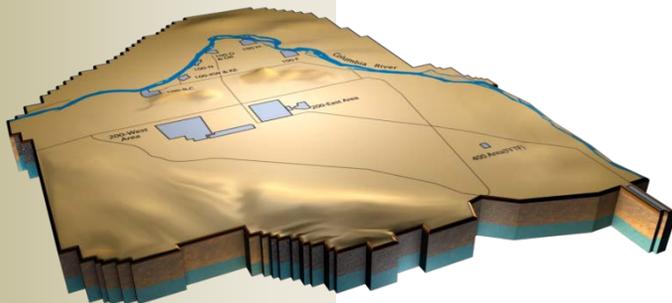
# Appendix A-1

## 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

CLASSIFICATION (When Filled In)																																																												
CONTRACT PERFORMANCE REPORT FORMAT 1 - WORK BREAKDOWN STRUCTURE											DOLLARS IN Thousands of \$		FORM APPROVED OMB No. 0704-0188																																															
<b>1. CONTRACTOR</b>			<b>2. CONTRACT</b>			<b>3. PROGRAM</b>			<b>4. REPORT PERIOD</b>																																																			
a. NAME CH2M HILL Plateau Remediation Company			a. NAME Plateau Remediation Contract			a. NAME Plateau Remediation Contract			a. FROM (YYYYMMDD) 2011 / 04 / 25																																																			
b. LOCATION (Address and ZIP Code) Richland, WA			b. NUMBER RL14788			b. PHASE			b. TO (YYYYMMDD) 2011 / 05 / 22																																																			
c. TYPE CPAF			d. SHARE RATIO			c. EVMS ACCEPTANCE NO YES X 9/18/2009																																																						
<b>5. CONTRACT DATA</b>																																																												
a. QUANTITY		b. NEGOTIATED COST 1,305,191		c. ESTIMATED COST OF AUTHORIZED UNPRICED WORK 10,013		d. TARGET PROFIT/ FEE 70,807		e. TARGET PRICE 1,375,998		f. ESTIMATED PRICE 1,386,011		g. CONTRACT CEILING 1,375,998		h. ESTIMATED CONTRACT CEILING 1,386,011		i. DATE OF OTB/OTS (YYYYMMDD)																																												
<b>6. ESTIMATED COST AT COMPLETION</b>																																																												
		MANAGEMENT ESTIMATE AT COMPLETION (1)		CONTRACT BUDGET BASE (2)		VARIANCE (3)		<b>7. AUTHORIZED CONTRACTOR REPRESENTATIVE</b>			a. NAME (Last, First, Middle Initial) Bang, M.V.			b. TITLE Prime Contract Manager																																														
a. BEST CASE		1,288,007						c. SIGNATURE			d. DATE SIGNED (YYYYMMDD) 2011/5/31																																																	
b. WORST CASE		1,350,981																																																										
c. MOST LIKELY		1,308,584		1,357,697		49,113																																																						
<b>8. PERFORMANCE DATA</b>																																																												
WBS[1]																																																												
CURRENT PERIOD													CUMULATIVE TO DATE			REPROGRAMMING ADJUSTMENTS			AT COMPLETION																																									
BUDGETED COST													ACTUAL COST			VARIANCE			BUDGETED COST			VARIANCE			COST VARIANCE			SCHEDULE VARIANCE			BUDGET			BUDGETED			ESTIMATED			VARIANCE																				
WORK SCHEDULED (2)													WORK PERFORMED (3)			ACTUAL WORK PERFORMED (4)			VARIANCE SCHEDULE (5)			VARIANCE COST (6)			BUDGETED WORK SCHEDULED (7)			BUDGETED WORK PERFORMED (8)			ACTUAL WORK PERFORMED (9)			SCHEDULE (10)			COST (11)			COST VARIANCE (12a)			SCHEDULE VARIANCE (12b)			BUDGET (13)			BUDGETED (14)			ESTIMATED (15)			VARIANCE (16)					
RL-0011.R1 PFP D&D													10,750			8,548			10,768			(2,201)			(2,220)			223,019			217,300			218,792			(5,719)			(1,492)			0			0			0			292,280			286,009			6,271		
RL-0013C.R1.1 MLLW Treatment													1,114			1,545			1,640			431			(95)			42,164			38,368			36,754			(3,797)			1,613			0			0			0			47,781			47,260			521		
RL-0013C.R1.2 TRU Waste													9,075			9,525			9,489			450			36			194,602			192,663			195,935			(1,940)			(3,272)			0			0			0			250,157			249,594			563		
RL-0030.R1.1 GW Capital Asset													11,484			17,568			13,313			6,084			4,255			136,588			142,455			147,780			5,867			(5,326)			0			0			0			174,961			174,941			20		
RL-0030.R1.2 GW Operations													1,821			1,962			2,089			140			(127)			73,170			73,130			68,146			(40)			4,984			0			0			0			92,105			88,470			3,635		
RL-0040.R1.1 U Plant/Other D&D													5,601			5,235			6,010			(366)			(774)			169,834			165,611			155,966			(4,223)			9,645			0			0			0			199,996			187,428			12,569		
RL-0040.R1.2 Outer Zone D&D													3,755			3,705			3,815			(50)			(110)			79,355			74,354			64,018			(5,001)			10,336			0			0			0			98,012			84,477			13,535		
RL-0041.R1.1 100 K Area Remediation													6,477			4,191			3,524			(2,286)			667			161,362			155,803			156,197			(5,559)			(394)			0			0			0			181,829			169,830			11,999		
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					
d. Undist. Budget													0			0			0			0			0			0			0			0			0			0			0			0			0			0			0					
e. Sub Total													50,077			52,280			50,648			2,202			1,632			1,080,093			1,059,683			1,043,588			(20,410)			16,094			0			0			0			1,337,120			1,288,007			49,113		
f. Management Resrv.													0			0			0			0			0			0			0			0			0			0			0			0			0			0			0					
g. Total													50,077			52,280			50,648			2,202			1,632			1,080,093			1,059,683			1,043,588			(20,410)			16,094			0			0			0			1,357,697			1,288,007			69,690		
9. Reconciliation to CBB													0			0			0			0			0			0			0			0			0			0			0			0			0			0								
a. Variance Adjustment													0			0			0			0			0			0			0			0			0			0			0			0			0			0								
b. Total Contract Variance													0			0			0			0			0			0			0			0			0			0			0			0			0			0								

FORMAT 3, DD FORM 2734/3, BASELINE

1. CONTRACTOR		2. CONTRACT		3. PROGRAM		4. REPORT PERIOD	
CH2M HILL Plateau Remediation Company b. LOCATION: Richard, WA		Plateau Remediation Contract a. NAME: RL 14788 b. NUMBER: CPAF c. TYPE: YES X d. SHARE RATIO: NO		Plateau Remediation Contract a. NAME: Plateau Remediation Contract b. PHASE: YES X c. EWS ACCEPTANCE: NO		OMB No. 0704-0188 a. FROM: 2011/4/25 b. TO: 2011/5/22	
5. CONTRACT DATA		a. ORIGINAL NEGOTIATED COST		f. TOTAL ALLOCATED BUDGET		g. DIFFERENCE (E - F)	
0		\$1,305,191		\$1,315,204		\$10,013	
h. CONTRACT START DATE		i. DEFINITIZATION DATE		j. PLANNED COMPL DATE		k. CONT COMPLETION DATE	
4/9/2009		9/30/2011		9/30/2011		9/30/2011	
6. PERFORMANCE DATA							
BUDGETED COST FOR WORK SCHEDULED (NON-CUMULATIVE)							
a. PM BASELINE (BEGIN OF PERIOD)		b. NEGOTIATED CONTRACT CHANGE		c. CURRENT NEGOTIATED COST (A + B)		d. ESTIMATED COST AUTH UNPRICED WORK	
1,080,496		50,489		46,712		0	
BOWS CUM TO DATE (2)		BOWS FOR REPORT PERIOD (3)		SIX MONTH FORECAST			
				+1 Jun-11 (4)		+2 Jul-11 (5)	
				+3 Aug-11 (6)		+4 Sep-11 (7)	
				+5 Oct-11 (8)		+6 Nov-11 (9)	
				+7		+8	
				+9		+10	
				+11		+12	
				+13		+14	
				+15		+16	
				+17		+18	
				+19		+20	
				+21		+22	
				+23		+24	
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				+471		+472	

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

<b>CLASSIFICATION (When Filled In)</b>									
<b>CONTRACT PERFORMANCE REPORT</b> 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)  2011/4/25	
b. LOCATION (Address and ZIP Code)  Richland, WA 99354		b. NUMBER RL		b. PHASE ARRA		b. TO (YYYY/MM/DD)  2011/5/28			
		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:	50,077	52,280	50,648	2,202	4.4%	1,632	3.1%	1.04	1.03
<i>Cumulative:</i>	1,080,093	1,059,683	1,043,588	(20,410)	-1.9%	16,094	1.5%	0.98	1.02
	BAC	EAC	VAC in \$	VAC in %	CPI to BAC	CPI to EAC			
At Complete:	1,337,120	1,288,007	49,113	3.7%	.9	1.1			
<b>Explanation of Variance/Description of Problem:</b>									
<p><b>Current Period Schedule Variance:</b> A favorable schedule variance occurs in the Direct Projects, specifically, RL- 13C.R1.1 (+\$.4M), RL-13C.R1.2 (+\$.5M), RL-30.R1.1 (+\$.6.1M), RL-30.R1.2 (+\$.1M), and RL-40.R1.2 (-\$.0M), which is partially offset by an unfavorable schedule variances in RL11.R1 PFP D&amp;D (-\$.2.2M), RL-40.R1.1 (-\$.4M), and RL-41.R1.1 (-\$.2.3M). For RL11.R1 PFP D&amp;D, the unfavorable variance is a result of delays in completing D&amp;D of 234-5Z process and lab areas, which has been impacted by work package development delays, resource demand for electrical isolations, and more complex glovebox removal. In addition, since resources are focused on higher priority KPP work, other planned D&amp;D work has been deferred. For RL-13C.R1.1 Mixed Low Level Waste (MLLW) the favorable variance occurs in M-91-43 activities from accelerated waste shipments after resolution of permit/building modifications for treatment facility. For RL-13C.R1.2 TRU Waste favorable variance is within reporting thresholds. For RL-30.R1.1 Groundwater Capital Assets the favorable variance primarily due to realignment of the contractor's schedule ensuring performance is claimed upon receipt of material procurements for the ZP-1 Pump and Treat modifications and expansion. For RL-30.R1.2 Groundwater Operations the favorable variance is within reporting thresholds. For RL-40.R1.1 U Plant/Other D&amp;D and RL-40.R1.2, Outer Zone D&amp;D the unfavorable variances are within reporting thresholds. For RL-41.R1.1 100K Area Remediation the primary unfavorable variance resulted from the 100-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.</p> <p><b>Current Period Cost Variance:</b> The favorable cost variance occurred in: RL-13C.R1.2 TRU Retrieval (+\$.0M) which is within reporting thresholds; RL-30.R1.1 Groundwater Capital Assets (+\$.4.3M) primarily due to realignment of the contractor's schedule ensuring performance is claimed upon receipt of material procurements with costs being realized in the previous months for these material procurements for the ZP-1 Pump and Treat modifications and expansion; and RL-41.R1.1 100K Area Remediation (+\$.7M) where performance was taken in May for 100K General Site Cleanup that had been completed in prior months but no performance had been taken and other numerous insignificant positive and negative variances. The favorable variance is mostly offset by unfavorable cost variances occurring in: RL-11.R1 PFP D&amp;D (-\$.2.2M) inefficiencies associated with 234-5Z process area D&amp;D teams providing support for electrical isolations, the lack of work packages limited progress while still incurring the cost of the full team, and to recover schedule another team has been assigned. In addition, higher cost has resulted from more complex glovebox removal in Labs, additional resources required to bring the Z/ZB complex to a Cold and Dark status, and higher use of MSA brokered craft to support D&amp;D; RL-13C.R1.1 MLLW Treatment (-\$.1M) which is within reporting thresholds; RL-30.R1.2 Groundwater Operations (-\$.1M) which is within reporting thresholds; RL-40.R1.1 U Plant/Other D&amp;D (-\$.8M) primarily in U Plant Zone D&amp;D due to mobilization and startup costs for the U Canyon grouting contractor as well as additional core drills; and RL- 40.R1.2 Outer Zone D&amp;D (-\$.1M) which is within reporting thresholds.</p> <p><b>Cumulative Schedule Variance:</b> An unfavorable cumulative schedule variance (-\$.20.4M) exists, however all ARRA Subprojects schedule variances are within reporting thresholds with exception of RL- 40.R1.2 Outer Zone D&amp;D (-\$.5.0M/-6.3%) where work has been intentionally delayed on lower priority facilities D&amp;D and waste sites and pipelines.</p> <p><b>Cumulative Cost Variance:</b> The favorable cumulative cost variance (+\$.16.1M) occurs in all Direct Projects supporting ARRA work scope and are within reporting thresholds except for the following: RL-30.R1.2 Groundwater Operations (+\$.5.0M/+6.8%) resulting from efficiencies in well drilling and decommissioning coupled with sampling expenses; RL-40.R1.1 U Plant/Other D&amp;D (+\$.9.6M/+5.8%) resulting primarily from lower than planned overhead distributions and efficiencies in remediation of Hazardous Facilities; and RL- 40.R1.2 Outer Zone D&amp;D (+\$.10.3M/+13.9%) resulting primarily from efficiencies in demolishing 600 Area Facilities and remediation of outer area waste sites.</p>									

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

<p><b>Impact:</b></p> <p><b>Current Period Schedule:</b> For RL-40.R1.1 and RL-41.R1.1 the current period schedule impacts are the same as the CTD schedule impacts (see below). For RL-11R.1 the primary impact is in D&amp;D of process and lab areas and getting Z/ZB Complex ready for demolition. DOE and CHPRC jointly decided to extend the September 30, 2011, KPP completion date to December 31, 2011. For RL-13C.R1.2 recovery plans are being implemented for the CH TRU Retrieval issues associated with the significantly deteriorated containers. For RL-30.R1.1 - there are no impacts as the variance is minimal. For RL-40.R1.2, there are no impacts As the current period schedule variance is favorable and reduces the overall schedule variance.</p> <p><b>Current Period Cost:</b> For RL-40.R1.2, RL-40.R1.1, RL-30.R1.2 and RL-13CR1.1 there is no significant cost impact for the current period. For RL-30.R1.2, the positive cost variances on the 200W P&amp;T is the result in a correction in performance with the subcontractor and not an impact. For RL-41.R1.1 the unfavorable cost variances on the 100K Reactor Power/River Water isolation work will be monitored. For RL-11.R1 non-KPP-related deferred work scope has been removed and the KPP extension added to the forecast.</p> <p><b>CTD Schedule:</b> 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 recovery plans are being implemented for the CH TRU Retrieval issues associated with the significantly deteriorated containers. For RL-11R.1 focusing D&amp;D field work teams on completing the KPP for glovebox removal and readying the Z/ZB complex for demolition has delayed other planned FY11 work scope; the schedule for completing that scope will be impacted by lower-than-expected out-year funding. For RL-30.R1.1 the positive SV is the result of managing the primary contractor to an accelerated completion date.. For RL-30.R1.2 there are no impacts as the variance is minimal. For RL-40.R1.1 D&amp;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. For RL-40.R1.2 remediation of O-Zone sites, completion of the intentionally delayed waste sites is in jeopardy; informally, it has been agreed to remove the low priority waste sites from the baseline which would remove this impact.</p> <p><b>CTD Cost:</b> For RL-40.R1.1, RL-40.R.1.2 and RL-41.R1.1 there is overall positive cost impact due to project efficiencies. There is no impact to cost for all other subprojects, except RL-13C.R1.2, which has increased material and labor costs in support of the Trench Face Retrieval and Characterization System (TFRCs), coupled with increased support and management costs for CH TRU retrieval issues associated with significantly deteriorated containers. For RL-30.R1.1 the variance will continue to be monitored. For RL-30.R1.2 efficiencies in well drilling activities (NR-2 &amp; HR-3) as well as multi-incremental sampling, borehole drilling, and landfill characterization activities have resulted in additional favorable cost variances. For RL-11.R1 a slight under-run at completion is forecast.</p>
<p><b>Corrective Action:</b></p> <p><b>Current Period Schedule:</b> For RL-11.R1 on May 31, 2011, Nuclear Safety implemented the RL-approved Justification for Continued Operation to address the 242Z Leak Path Factor/periphery confinement barrier issues. Based on DOE and CHPRC joint decision, the September 30, 2011, Key Performance Parameter (KPP) was extended to December 31, 2011, and will be addressed in BCR-R11-11-003R0 "PFP Recovery Act Goal Change". For RL-40.R1.1 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 waste sites, there is no corrective action required. For RL-30.R1.1 no corrective actions required. For RL-30.R1.2 no corrective actions required. For RL-13C.R1.1 MLLW, no corrective actions required (M-91-42 waiting feed from TRU Retrieval Recovery Plan).</p> <p><b>Current Period Cost:</b> For RL-11.R1 the cost associated with the extended KPP completion date will be addressed in BCR-R11-11-003R0. For RL-30.R1.1 no corrective action required. For RL-30.R1.2 no corrective action 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&amp;D areas. For RL-40.R1.2 O-Zone Waste Site there is no required corrective action for the current period cost variance.</p> <p><b>CTD Schedule:</b> RL-41.R1.1 has implemented a BCR to address additional soil contamination (realized risk). Schedule recovery actions are being evaluated to recover the D&amp;D structure demolition and waste site remediation schedule activities where they can to offset where other demolition and remediation activities have been delayed. For RL13C.R1.2 recovery plans are being implemented for the CH TRU Retrieval issues associated with deteriorated containers. For RL-11.R1 work that does not support the KPP has been canceled or deferred to out-years and will be addressed in an upcoming life-cycle BCR. For RL-40.R1.2 O-Zone waste sites, informal agreement has been reached to remove the low priority waste sites from the baseline; this resolution will be pursued. For RL-40.R1.1 D&amp;D structure demolition activities are being accelerated where they can to offset where other demolition activities are delayed. For RL-30.R1.1 no corrective action required. For RL30.R1.2 no corrective action required.</p> <p><b>CTD Cost:</b> For RL-40.R1.2 no corrective actions are required. For RL-13C.R1.1 the favorable cost variance is expected to continue. For RL-30.R1.1 the 200W P&amp;T cost variance is being evaluated and monitored. For RL-30.R1.2 efficiencies in well drilling activities (NR-2 &amp; 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 costs associated with completing deferred work scope will be addressed in an upcoming life-cycle BCR. For RL-13C.R1.2, RL-40.R1.1 and RL-41.R1.1 no corrective actions are required at this time.</p>
<p><b>Monthly Summary:</b> (to include technical causes of VARs, Impacts, and Corrective Action(s):</p> <p><b>All ARRA Subproject's cumulative to date cost and schedule variances are within reporting thresholds or favorable except for RL-13C.R1.1 Mixed Low Level Waste (MLLW), RL-30.R1.2 Groundwater Operations, RL-40.R.1.1 U Plant/Other D&amp;D and RL- 40.R1.2 Outer Zone D&amp;D.</b> Overall, the current period schedule and cost variances are mixed between favorable and unfavorable performance and the cumulative to date schedule variance decline from previous months has reversed and the favorable cost variance decline has been reversed. RL-11.R.1 PFP D&amp;D Recovery Plan has impacted both monthly and cumulative to date schedule variances however, continued challenges in preparing glove boxes in 234-5Z continues to drive up the variances this month. RL-13C.R1.1 MLLW Treatment unfavorable cumulative to date schedule variance was slightly reduced again this month with increased waste shipments. RL-13C.R1.2 TRU Waste, unfavorable cumulative to date cost and schedule variance was slightly reduced this month resulting from continued efficiencies for RH/Large Package TRU Commercial Repackaging resulting in an accelerated shipments/completions. RL-30.R1.1 Groundwater Capital Assets cumulative to date favorable schedule variance continues to improve which reflects receipt of procurements and construction of the ZP-1 P&amp;T. RL-30.R1.2 Groundwater Operations cumulative to date schedule variance is improving and is approaching positive. Cost Variance is positive. RL-40 R1.1 U Plant/Other D&amp;D current</p>

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<p>month cost and schedule variances primarily reflect the U-Plant Zone D&amp;D contractor mobilization and start up cost with limited performance is taken. RL- 40.R1.2 Outer Zone D&amp;D continues to have an unfavorable current month cost and schedule due to site availability delays which are now within thresholds and the cumulative schedule variance should be overcome by year end. RL-41.R1.1 100K Area Remediation unfavorable monthly and cumulative schedule and cost variances should improve by using improved estimates for the 100K Core and ISS baseline to be implemented next month. And all is well that ends well.</p>			
<p><b>Contractually Required Cost, Schedule, EAC variance, Management Reserve Use</b></p>			
<p><b>Variance in Performance BAC and EAC:</b> The variance at complete (VAC) between the BAC and EAC this month is positive \$49.1 million and 3.7%. 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 +/- 5% and +/- \$15 million.</p>			
<p><b>Use of Management Reserve:</b> Management reserve, in the amount \$2.3 million, is added in May 2011, as documented in change request BCR-RCH-11-001R0. Specifically, \$1.7 million in PBS RL-0011 and \$.6M in PBS RL-0040 was added to management reserves reflecting the removal of FY 2011 Budget for 222-S Laboratory Support since costs will never be applied to the CHPRC. Overall, management reserve in May 2011 is <b>increased</b> from \$18.3 million to \$20.6 million.</p>			
<p><b>Best/Worst/Most Likely Estimate:</b> 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.</p>			
<p><b>Prepared by:</b> Schilling, Bert</p>	<p><b>Date:</b> 6/28/11</p>	<p><b>Approved by:</b></p>	<p><b>Date:</b></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