

Appendix A-1

Contract Performance Reports

ARRA

Format 1 - Work Breakdown Structure

Format 3 - Baseline

Format 5 - Explanation and Problem Analysis



October 2011
CHPRC-2011-10, Rev. 0
Contract DE-AC06-08RL14788
Deliverable C.3.1.3.1 - 1

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

| CONTRACT PERFORMANCE REPORT | | | | | | | | | | | | | | | CLASSIFICATION (When Filled In) | | | FORM APPROVED | | | | | |
|--|--------------------|---------------------------------------|---|--------------|---|-----------------------|--------------------|--------------------------------|---------------------|---|---|-------------------------|-------------------------------|--|--|---------------|--|------------------------------------|--|--|------------------|--|--|
| FORMAT 1 - WORK BREAKDOWN STRUCTURE | | | | | | | | | | | | | | | 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) | | | | | | | | |
| b. LOCATION (Address and ZIP Code) Richland, WA | | | | | b. NUMBER RL14788 | | | | | b. PHASE | | | | | 2011 / 10 / 01 | | | | | | | | |
| | | | | | c. TYPE CPAF | | | | | d. SHARE RATIO | | | | | c. EVMS ACCEPTANCE NO YES X 9/18/2009 | | | b. TO (YYYYMMDD) 2011 / 10 / 23 | | | | | |
| 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) | | | | | | | | | | |
| | | 1,305,191 | 0 | | | 70,807 | 1,375,998 | 1,375,998 | 1,375,998 | 1,377,984 | | | | | | | | | | | | | |
| 6. ESTIMATED COST AT COMPLETION | | | | | | | | | | | | | | | | | | | | | | | |
| a. BEST CASE | | MANAGEMENT ESTIMATE AT COMPLETION (1) | | | CONTRACT BUDGET BASE (2) | | | VARIANCE (3) | | | 7. AUTHORIZED CONTRACTOR REPRESENTATIVE | | | b. TITLE | | | | | | | | | |
| | | 1,302,904 | | | | | | | | | a. NAME (Last, First, Middle Initial) Bang, M.V. | | | Prime Contract Manager | | | | | | | | | |
| b. WORST CASE | | 1,344,614 | | | | | | | | | c. SIGNATURE | | | d. DATE SIGNED (YYYYMMDD) 2011/9/24 | | | | | | | | | |
| c. MOST LIKELY | | 1,318,122 | | | 1,305,191 | | | (12,931) | | | | | | | | | | | | | | | |
| 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) | | | | | | | | | | | | | |
| RL-0011.R1 PFP D&D | (20,926) | (1,686) | 2,076 | 19,240 | (3,762) | 261,893 | 259,754 | 267,553 | (2,140) | (7,800) | 0 | 0 | 0 | 289,907 | 296,537 | (6,630) | | | | | | | |
| RL-0013C.R1.1 MLLW Treatment | 716 | 609 | 233 | 1,325 | (606) | 48,372 | 46,916 | 41,598 | (1,456) | 5,318 | 0 | 0 | 0 | 50,013 | 42,723 | 7,290 | | | | | | | |
| RL-0013C.R1.2 TRU Waste | 554 | 328 | 1,980 | 2,534 | (1,652) | 255,313 | 254,680 | 253,786 | (632) | 894 | 0 | 0 | 0 | 256,648 | 255,091 | 1,557 | | | | | | | |
| RL-0030.R1.1 GW Capital Asset | 0 | 0 | 560 | 560 | (560) | 175,008 | 175,008 | 174,966 | 0 | 42 | 0 | 0 | 0 | 175,008 | 174,966 | 42 | | | | | | | |
| RL-0030.R1.2 GW Operations | 0 | 0 | (318) | 0 | 318 | 92,146 | 92,146 | 89,069 | (0) | 3,077 | 0 | 0 | 0 | 92,146 | 89,069 | 3,077 | | | | | | | |
| RL-0040.R1.1 U Plant/Other D&D | 623 | 1,140 | 3,103 | 517 | (1,963) | 198,487 | 196,636 | 189,474 | (1,851) | 7,162 | 0 | 0 | 0 | 200,294 | 191,468 | 8,826 | | | | | | | |
| RL-0040.R1.2 Outer Zone D&D | 0 | 0 | 21 | 0 | (21) | 89,086 | 84,673 | 71,568 | (4,413) | 13,106 | 0 | 0 | 0 | 89,086 | 74,988 | 14,098 | | | | | | | |
| RL-0041.R1.1 100 K Area Remediation | 670 | 78 | 511 | (592) | (432) | 174,347 | 173,633 | 175,396 | (714) | (1,763) | 0 | 0 | 0 | 176,293 | 178,061 | (1,769) | | | | | | | |
| 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 | (18,364) | 469 | 8,165 | 18,833 | (7,696) | 1,294,652 | 1,283,446 | 1,263,410 | (11,206) | 20,036 | 0 | 0 | 0 | 1,329,396 | 1,302,904 | 26,492 | | | | | | | |
| f. Management Resrv. | | | | | | | | | | | | | | 15,218 | | | | | | | | | |
| g. Total | (18,364) | 469 | 8,165 | 18,833 | (7,696) | 1,294,652 | 1,283,446 | 1,263,410 | (11,206) | 20,036 | 0 | 0 | 0 | 1,344,614 | | | | | | | | | |
| 9. Reconciliation to CBB | | | | | | | | | | | | | | | | | | | | | | | |
| a. Variance Adjustment | | | | | | | | | | | | | | | | | | | | | | | |
| b. Total Contract Variance | | | | | | | | | (11,206) | 20,036 | | | | 1,344,614 | 1,302,904 | 41,709 | | | | | | | |

FORMAT 3, DD FORM 2734/3, BASELINE

| CONTRACT PERFORMANCE REPORT | | | | | | | | | | | | | | Form Approved OMB No. 0704-0188 | | | |
|--|--|--|-------------------------|--|--------------------|---|-------|---|-------|--|--------------|--|--------------|---|-------------------|--------------------------|--|
| FORMAT 3 - BASELINE | | | | | | | | | | DOLLARS IN THOUSANDS | | | | 4. REPORT PERIOD | | | |
| 1. CONTRACTOR CH2M HILL Plateau Remediation Company b. LOCATION: Richland, WA | | | | 2. CONTRACT a. NAME: Plateau Remediation Contract b. NUMBER: RL14788 c. TYPE: CPAF d. SHARE RATIO: | | | | 3. PROGRAM a. NAME: Plateau Remediation Contract b. PHASE c. EVMS ACCEPTANCE NO YES X 9/18/2009 | | | | a. FROM: 2011/10/1 b. TO: 2011/10/23 | | | | | |
| 5. CONTRACT DATA | | | | | | | | | | | | | | | | | |
| a. ORIGINAL NEGOTIATED COST 0 | | | | b. NEGOTIATED CONTRACT CHANGE \$1,305,191 | | c. CURRENT NEGOTIATED COST (A + B) \$1,305,191 | | d. ESTIMATED COST AUTH UNPRICED WORK \$0 | | e. CONTRACT BUDGET BASE (C + D) \$1,305,191 | | f. TOTAL ALLOCATED BUDGET \$1,344,614 | | g. DIFFERENCE (E - F) (\$39,423) | | | |
| 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) |
| a. PM BASELINE (BEGIN OF PERIOD) | | | 1,312,029 | (18,364) | 4,719 | 5,292 | 515 | 0 | 0 | 0 | 161,538 | 565,906 | 585,572 | 14,588 | 0 | 0 | 1,327,604 |
| b. BASELINE CHANGES AUTH DURING REPORT PERIOD BCR-000-12-001R0 - FY12 PC&PI Functional Realignment BCR-030-12-001R0 - WMA S-SX - Incorporation of Definitized Change Order # 107 BCR-030-12-002R0 - Implementaion of Regulator Interest List in PBS RL-30 BCR-030-12-003R0 - Incorporation of Contract Modification 189 - Change Order #72 for the 200W P&T O&M BCR-041-12-001R0 - FY 2012 PBS RL-0041 WBS Changes BCR-PRC-11-042R0 - FY 2012 & LifeCycle Update (RL-0011PPF) BCR-PRC-12-003R0 - October FY 2012 Rate Changes BCRA-PRC-12-002R0 - Admin BCR for October 2011 | | | | | | | | | | | | | | 0 0 0 0 0 2,153 (361) | | | 0 0 0 0 0 2,153 (361) 0 |
| c. PM BASELINE (END OF PERIOD) | | | 1,294,652 | | 8,399 | 10,251 | 5,791 | 7,149 | 3,135 | 18 | 161,538 | 565,906 | 585,572 | 16,380 | 0 | 0 | 1,329,396 |
| 7. MANAGEMENT RESERVE | | | | | | | | | | | | | | | | | 15,218 |
| 8. TOTAL | | | | | | | | | | | | | | | | | 1,344,614 |

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) 2011/10/01 | |
| 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) 2011/10/23 | |
| | | c. TYPE CPAF | d. SHARE RATIO | | | | | | |
| | BCWS | BCWP | ACWP | SV in \$ | SV in % | CV in \$ | CV % | SPI | CPI |
| Current: | -18,364 | 469 | 8,165 | 18,833 | -102.6% | (7,696) | -1639.9% | -0.03 | 0.06 |
| Cumulative: | 1,294,652 | 1,283,446 | 1,263,410 | (11,206) | -0.9% | 20,036 | 1.6% | 0.99 | 1.02 |
| | BAC | EAC | VAC in \$ | VAC in % | CPI to BAC | CPI to EAC | | | |
| At Complete: | 1,329,396 | 1,302,904 | 26,492 | 2.0% | 0.7 | 1.2 | | | |
| Explanation of Variance/Description of Problem: | | | | | | | | | |
| <p>Current Period Schedule Variance: The Current Month favorable Schedule Variance (+\$18.8M) reflects the following: The RL-0011 positive variance (+\$19.2M) is primarily a result of implementation of BCR-PRC-11-042R0, <i>FY2012 and Lifecycle Update (RL-0011 PFP)</i>. Replanned work resulted in single point adjustments of BCWS, causing negative current period BCWS. Application of current rates to adjusted FY2011 activities resulted in negative current period BCWP. The RL-0013 negative variance (-\$0.3M) reflects the following: RL-0013 MLLW Treatment (-\$0.1M) /RL-0013 TRU Waste (-\$0.2M) the negative variance is due to delay in receipt of planned volumes of M-91-42 MLLW returns from PFNW, partially offset by early M-91-43 returns. The RL-0030 Current Month Schedule Variance (-\$0.0M) reflects ARRA work scope being completed in FY2011. The RL-0040 positive variance (+\$0.5M) is within reporting thresholds and reflects, ARRA RL-0040.R1.1 U Plant/Other D&D (+\$0.5M) the positive variance is within reporting thresholds. ARRA RL-0040.R1.2 Outer Zone D&D (-\$0.0M) the negative variance is within reporting thresholds. The RL-0041 positive variance (-\$0.6M) is within reporting thresholds.</p> <p>Current Period Cost Variance: The Current Month unfavorable Cost Variance (-\$7.7M) reflects the following: The RL-0011 negative variance (-\$3.8M) is primarily a result of implementation of BCR-PRC-11-042R0, <i>FY2012 and Lifecycle Update (RL-0011 PFP)</i>. Replanned work resulted in single point adjustments of BCWS, causing negative current period BCWS. Application of current rates to adjusted FY2011 activities resulted in negative current period BCWP. The RL-0013 negative variance (-\$1.3M) is due to the following: RL-0013 MLLW Treatment (+\$0.4M) / RL-0013 TRU Waste (-\$1.7M) the negative variance is primarily due to an accrual error at FY2011 year end, and receipt of subcontract charges (CLTR labor) in excess of system-generated accruals for September subcontract labor. In addition, some start-up anomalies occurred which will require corrections to base-funded work scope. The RL-0030 Current Month unfavorable Cost Variance reflects small cost adjustments related to the closing of ARRA contracts. The RL-0040 negative variance (-\$2.0M) that reflects the following subproject performance, ARRA RL-0040.R1.1 U Plant/Other D&D (-\$2.0M) the negative variance is due to sub-contracts costs for U Canyon were higher than anticipated this period. ARRA RL-0040.R1.2 Outer Zone D&D (-\$0.0M) the negative variance is within reporting thresholds. The RL-0041 negative variance (-\$0.4M) is within reporting threshold.</p> <p>Cumulative Schedule Variance: An unfavorable cumulative schedule variance (-\$11.2M) is due to the following: The RL-0011 negative variance (-\$2.1M) is within reporting thresholds. The RL-0013 negative variance (-\$2.1M) is due to RL-0013 MLLW Treatment (-\$1.5M) the negative variance is due to delay in receipt of M-91-42 feed from TRU Retrieval (shift to Retrieval trench with higher percentage of TRU waste). The PMB Rev 3 will defer M-91-42 TRU Retrieval MLLW dropouts to occur in conjunction with the resumption of TRU Retrieval. RL-0013 TRU Waste (-\$0.6M) the negative variance is the result of the impact on TRU Retrieval layup activities due to the focus on ARRA KPP completions in FY11 and resource limitations in FY2012. The RL-0030 schedule variance is (\$0.0M) as all ARRA work scope has been completed. The RL-0040 negative variance (-\$6.3M) primary contributors that exceed the reporting thresholds are: RL-0040.R1.1 U Plant/Other D&D (-\$1.9M) the negative variance is due to delays with the 209-E Project. RL-0040.R1.2 Outer Zone D&D (-\$4.4M) the negative variance is primarily due to the waste sites in ARRA that need to be moved to base to support the priority of footprint reduction. The RL-0041 negative variance (-\$1.8M) is within reporting thresholds.</p> <p>Cumulative Cost Variance: The CTD favorable cost variance (+\$20.0M) reflects the following: RL-0011 negative variance (-\$7.8M) is within reporting thresholds. The RL-0013 positive variance (+\$6.2M) reflects: RL-0013 MLLW Treatment (+\$5.3M) the positive variance is due to Mixed Low Level Waste efficiencies created by treating waste at Energy Solutions (ES) - Clive rather than planned treatment at PermaFix Northwest (PFNW) due to a waiver received from the Department of Energy (DOE), ERDF negotiated rate reduction with vendor for waste containers, decreased operations costs at Low Level Burial Grounds (LLBG), efficiencies in Large Type A waste container shipments to PFNW and in Mixed Waste Disposal Trenches (MWDT) upgrades, partially offset by higher costs for ETF Containment Berm repairs. RL-0013 TRU Waste (+\$0.9M) the positive cost variance is due to efficiencies in TRU Characterization and Shipping, TRU Repackaging, T-Plant and WRAP, partially offset by increased materials and labor costs in support of the Trench Face Retrieval and Characterization System (TFRCS), coupled with increased resources for TRU Retrieval deteriorated waste containers, increased allocations for additional office space and other assessments as a result of allocations to Recovery Act expenditures. The RL-0030 positive variance (+\$3.1M) reflects RL-0030.R1.1 Cleanup Operations (+\$0.04M) variance which is within threshold. RL-0030.R1.2 Well Drilling Operations (+\$2.6M)</p> | | | | | | | | | |

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

The positive variance is due to efficiencies and savings obtained in drilling for 100-NR-2 and 200-BP-5 wells. Cost efficiencies have been obtained through an aggressive drilling schedule with savings in support personnel and faster drilling methods. Well decommissionings have also been completed for less than planned. ARRA RL-0030.R1.3 Support Operations (+\$0.5M) the positive variance is due to Regulatory Decision and Closure Integration (+\$1.7M) completing work scope more efficiently than planned, primarily in the areas of multi-incremental sampling (using existing documentation and direct haul rather than staging), and borehole drilling and landfill characterization (competitive subcontracting of drilling support and efficient field support). Also, positive variances in PRC Rewards and recognition (+0.6M) and G&A/Direct Distributable (+\$0.5) accounts. These are offset by Ramp-up and Transition (-\$2.4M) negative variance driven by increased Project Services Distribution to RL-0030. The RL-0040 positive variance (+\$20.3M) reflects the following: ARRA RL-0040.R1.1 U Plant/Other D&D (+\$9.1M) The positive variance is largely due to favorable performance of the Cold and Dark teams and the Sampling and Characterization/Waste Identification Form teams (D4) (+\$4.2M), overhead allocations (+\$11.5 M), less for Program Management than planned (+\$2.4M), less resources than planned for C-3 Sampling (+\$0.7M), lower than planned costs for capital equipment (D4) (+\$3.0M), less asbestos abatement required for 200W buildings (+\$3.5M), offset by increased material and equipment costs, increased use of masks and respirators due to the unexpected asbestos levels in the ancillary buildings in U Ancillary (D4) (-\$8.1M), coupled with increased insulator staff and overtime to recover schedule, 200E Administration (-\$1.7M) and 209E Project delays (-\$4.7M), additional resources being applied at U Canyon (D4) to regain schedule (+\$1.1M), and Usage Based Services (-\$3.1M), ARRA RL-0040.R1.2 Outer Zone D&D (+\$13.1M) the positive variance is due to efficiencies in Arid Lands Ecology (ALE), North Slope Facilities, disposition of railcars D&D (+\$7.0M), and Outer Area waste sites (+\$7.2M). The waste site favorable cost-to-date variance is primarily due to an O-Zone Remove, Treat, and Dispose (RTD) Waste Sites adjustments (pass back) to ERDF waste disposal costs reflecting the operational efficiencies of the super dump trucks. Within the waste sites area, this favorable cost variance is partially offset by higher than planned costs associated with remediation of pipelines. A negative cost variance is associated with increased costs for the 212N/P/R Project (-\$1.1M) due to the walls of the basins being much thicker than estimated. The RL-0041 negative variance (-\$0.7M) is within reporting threshold.

Impact:

Current Period Schedule: For RL-11R.1 the scheduled completion of ARRA work scope was extended through February 29, 2012 (BRC-PRC-11-0042R0). For RL-13C.R1.1 the primary impact is the delay in receipt of planned volumes of M-91-42 MLLW returns from PFNW. For RL-0030, there are no impacts, work complete. For RL-40.R1.1, and RL-40.R1.2, the current period schedule impacts are the same as the CTD schedule impacts (see below). 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-41.R1.1 the current period schedule impacts are the same as the CTD schedule impacts (see below).

Current Period Cost: For RL-11.R1, see CTD Cost impact. For RL-13CR.1.1 the primary impact is an accrual error at F20Y11 year end, and receipt of subcontract charges (CLTR labor) in excess of system-generated accruals for September subcontract labor. For RL-0030, there is no significant cost impact for the current period. For RL-40.R1.1, and RL-40.R1.2, there is no significant cost impact for the current period. 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 there is no required corrective action for the current period cost variance. For RL-41.R1.1 no impacts at this time.

CTD Schedule: For RL-11.R.1 work scope is projected to finish on schedule. For RL-13C.R1.1 deferral of M-91-42 TRU Retrieval MLLW dropouts to occur in conjunction with the resumption of TRU Retrieval. For RL-30.R1.1, there are no impacts, work complete. For RL-40.R1.1 D&D of 209E Project is impacted more 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 will not be achieved due to placing priority on footprint reduction. For RL-40.R1.2 O-Zone waste sites the schedule variance will be accepted in order to achieve the footprint reduction goals. For RL-40.R.1.1 D&D structure demolition activities are being accelerated where they can to offset where other demolition activities are delayed. For RL-41.R1.1 no impacts at this time.

CTD Cost: For RL-11.R1 the overrun at completion results from unrecoverable prior years' cost variances. For RL-13C.R1.1 & RL-13C.R1.1 there is overall positive cost impact due to project efficiencies. For RL-0030.R1.1 there are no impacts as the variance is minimal. For RL-40.R1.1, and RL-40.R.1.2 there is overall positive cost impact due to project efficiencies. For RL-40.R1.1, and RL-40.R1.2 no corrective actions are required at this time. For RL-41.R1.1, costs will be monitored.

Corrective Action:

Current Period Schedule: For RL-11.R.1 BCR-PRC-11-0042R0, FY 2012 & Lifecycle Update (RL-0011 PFP), was implemented in October 2011. Remaining lifecycle work scope was replanned. For RL-13C.R1.1 MLLW, no corrective actions required. For RL-0030, there are no impacts, work complete. For RL-41.R1.1 the current period schedule corrective actions are the same as CTD schedule corrective actions (see below).

Current Period Cost: For RL-11.R1 no corrections are planned. For RL-13C.R1.1 MLLW, no corrective actions required. For RL-0030, no significant cost impact, 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).

CTD Schedule: For RL-11.R1 outyear funding constraints and comments resulting from the joint CHPRC and DOE-RL review of the replanned baseline will be addressed and reflected in the revised lifecycle plan (BCR-PRC-12-001R0), to be implemented in December 2011. For RL13C.R1.2 no corrective action required. For RL-0030, work is complete. For RL-41.R1.1 has implemented a baseline change request (BCR) to address additional soil contamination (realized risk). Schedule recovery actions are being evaluated 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.

CTD Cost: For RL-11.R1 outyear funding constraints and comments resulting from the joint CHPRC and DOE-RL review of the replanned baseline will be addressed and reflected in the revised lifecycle plan (BCR-PRC-12-001R0), to be implemented in December 2011. For RL-13C.R1.1 the favorable cost variance is expected to continue. For RL-13C.R1.2 no corrective actions are required at this time. For RL-0030, no corrective actions are required at this time. For RL-41.R1.1 no corrective actions are required at this time.

Monthly Summary: (to include technical causes of VARs, Impacts, and Corrective Action(s):

All ARRA Subproject's cumulative to date cost and schedule variances are within reporting thresholds except for RL-11.R1 PFP D&D which has a negative schedule variance above threshold. Overall, the current period schedule and cost variances are mixed between favorable and unfavorable performance. The cumulative to date schedule variance decreased with use of overtime and deferral of work-scope to FY2012, however the favorable cost variance trend continues to erode. RL-11.R.1 PFP D&D, monthly unfavorable schedule and cost variances will

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

continue until the a baseline change request planned for October revises the baseline for D&D of process and lab areas and getting Z/ZB Complex ready for demolition. RL-13C.R1.1 MLLW Treatment unfavorable cumulative to date schedule variance should continue to decrease for the remainder of the year as progress is made on M-91-42 MLLW treatment. RL-13C.R1.2 TRU Waste unfavorable cumulative to date schedule variance is the result of the delay of TRU Retrieval layup activities due to focus on ARRA KPP goals. Overall, the ARRA workscope in WL-30 was completed in FY2011. There will be a few remaining costs transactions as contracts are closed and final billing completed. RL-40 R1.1 U Plant/Other D&D unfavorable cumulative to date schedule variance was reduced slightly this month with the favorable cost variance slightly eroding due to current month cost and schedule variances resulting from reduced work schedule due to heat stress and increase effort required for the mock up for the 209E Stimulus-Semi Works Zone project. RL-40.R1.2 Outer Zone D&D unfavorable current month schedule variance results from delaying RTD Waste Sites and pipelines and performance taken in prior months for disposition of rail cars and the favorable cumulative cost variance continue to increase mainly from pass-backs from ERDF. The RL-41.R1.1 100K Area Remediation unfavorable cumulative schedule variance was significantly reduced by moving work to FY2012 but the large favorable current period cost variance is skewed by \$4.7M due to pending cost transfers from Base.

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 positive \$26.5 million and 2.0%. This variance is within threshold for the Project. For information, the VAC threshold limit is +or- 5% and +or- \$15 million.

Format 1 and 3 Contract Data:

Contract Price Adjustments

| ARRA ONLY | | |
|---|--------------------------------|------------------|
| CPs - In Process | | |
| | Total Authorized Unpriced Work | - |
| Approved Adjustments to Contract Price (not reflected in B.4-1 T table) | | |
| | Total Negotiated Cost Changes | 1,986,330 |
| | Grand Total Adjustments | 1,986,330 |

Format 3 block 5g: This difference is to be reconciled following submittal of PMB Revision 3 in November 2011.

Use of Management Reserve: There was no change to the ARRA Management Reserve for October 2011.

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: Hewitt, Craig T. | Date: 10/23/2011 | Approved by: | Date: |
|---|----------------------------|---------------------|--------------|

(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