

# Appendix A-1

## Contract Performance Reports

### ARRA

Format 1 - Work Breakdown Structure

Format 3 - Baseline

Format 5 - Explanation and Problem Analysis



January 2012  
CHPRC-2012-01, 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<br>FORMAT 1 - WORK BREAKDOWN STRUCTURE |  |                                 |  |  |  |                                |  |                              |  |                                 |  |                                  | CLASSIFICATION (When Filled In)         |  |                    | FORM APPROVED<br>OMB No. 0704-0188      |                    |                    |   |                    |               |   |                     |                         |               |               |                |               |
|--|--|---------------------------------|--|--|--|--------------------------------|--|------------------------------|--|---------------------------------|--|----------------------------------|---|--|--------------------|---|--------------------|--------------------|---|--------------------|---------------|---|---------------------|-------------------------|---------------|---------------|----------------|---------------|
| 1. CONTRACTOR  |  |                                 |  |  |  |                                |  |                              |  |                                 |  |                                  | 2. CONTRACT                             |  |                    | 3. PROGRAM                              |                    |                    | 4. REPORT PERIOD                                    |                    |               |   |                     |                         |               |               |                |               |
| a. NAME<br>CH2M HILL Plateau Remediation Company                   |  |                                 |  |  |  |                                |  |                              |  |                                 |  |                                  | a. NAME<br>Plateau Remediation Contract |  |                    | a. NAME<br>Plateau Remediation Contract |                    |                    | a. FROM (YYYYMMDD)<br>2011 / 12 / 26                |                    |               |   |                     |                         |               |               |                |               |
| b. LOCATION (Address and ZIP Code)<br>Richland, WA                 |  |                                 |  |  |  |                                |  |                              |  |                                 |  |                                  | b. NUMBER<br>RL14788                    |  |                    | b. PHASE                                |                    |                    | b. TO (YYYYMMDD)<br>2012 / 01 / 22                  |                    |               |   |                     |                         |               |               |                |               |
| 5. CONTRACT DATA   |  |                                 |  |  |  |                                |  |                              |  |                                 |  |                                  | c. TYPE<br>CPAF                         |  |                    | d. SHARE RATIO                          |                    |                    | c. EVMS ACCEPTANCE<br>NO YES X 9/18/2009            |                    |               |   |                     |                         |               |               |                |               |
| a. QUANTITY  |  | b. NEGOTIATED COST<br>1,305,191 |  | c. ESTIMATED COST OF AUTHORIZED UNPRICED WORK<br>0 |  | d. TARGET PROFIT/FEE<br>70,807 |  | e. TARGET PRICE<br>1,375,998 |  | f. ESTIMATED PRICE<br>1,378,381 |  | g. CONTRACT CEILING<br>1,375,998 |   | h. ESTIMATED CONTRACT CEILING<br>1,378,381 |                    | i. DATE OF OTB/OTS (YYYYMMDD)           |                    |                    |   |                    |               |   |                     |                         |               |               |                |               |
| 6. ESTIMATED COST AT COMPLETION                                    |  |                                 |  |  |  |                                |  |                              |  |                                 |  |                                  | 7. AUTHORIZED CONTRACTOR REPRESENTATIVE |  |                    |   |                    |                    |   |                    |               |   |                     |                         |               |               |                |               |
| MANAGEMENT ESTIMATE AT COMPLETION (1)                              |  |                                 |  |  |  |                                |  |                              |  |                                 |  |                                  | CONTRACT BUDGET BASE (2)                |  |                    | VARIANCE (3)                            |                    |                    | a. NAME (Last, First, Middle Initial)<br>Bang, M.V. |                    |               | b. TITLE<br>Prime Contract Manager          |                     |                         |               |               |                |               |
| a. BEST CASE<br>1,307,574  |  |                                 |  |  |  |                                |  |                              |  |                                 |  |                                  |   |  |                    |   |                    |                    | c. SIGNATURE  |                    |               | d. DATE SIGNED (YYYYMMDD)<br>2012 / 01 / 22 |                     |                         |               |               |                |               |
| b. WORST CASE<br>1,331,811   |  |                                 |  |  |  |                                |  |                              |  |                                 |  |                                  |   |  |                    |   |                    |                    |   |                    |               |   |                     |                         |               |               |                |               |
| c. MOST LIKELY<br>1,307,574  |  |                                 |  |  |  |                                |  |                              |  |                                 |  |                                  | 1,305,191                               |  |                    | (2,383)                                 |                    |                    |   |                    |               |   |                     |                         |               |               |                |               |
| 8. PERFORMANCE DATA  |  |                                 |  |  |  |                                |  |                              |  |                                 |  |                                  | WBS[1]                                  |  |                    |   |                    |                    |   |                    |               |   |                     |                         |               |               |                |               |
|  |  |                                 |  |  |  |                                |  |                              |  |                                 |  |                                  | CURRENT PERIOD                          |  |                    |   | CUMULATIVE TO DATE |                    |   |                    |               | REPROGRAMMING ADJUSTMENTS                   |                     |                         | AT COMPLETION |               |                |               |
|  |  |                                 |  |  |  |                                |  |                              |  |                                 |  |                                  | BUDGETED COST                           |  | ACTUAL COST        |   | VARIANCE           |                    | BUDGETED COST                                       |                    | ACTUAL COST   |   | VARIANCE            |                         |               |               |                |               |
|  |  |                                 |  |  |  |                                |  |                              |  |                                 |  |                                  | WORK SCHEDULED (2)                      | WORK PERFORMED (3)                         | WORK PERFORMED (4) | SCHEDULE (5)                            | COST (6)           | WORK SCHEDULED (7) | WORK PERFORMED (8)                                  | 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   |  |                                 |  |  |  |                                |  |                              |  |                                 |  |                                  | 6,138                                   | 5,000                                      | 5,441              | (1,137)                                 | (440)              | 285,223            | 281,344   | 289,953            | (3,878)       | (8,608)                                     | 0                   | 0                       | 0             | 293,726       | 295,838        | (2,112)       |
| RL-0013C.R1.1 MLLW Treatment                                       |  |                                 |  |  |  |                                |  |                              |  |                                 |  |                                  | 0                                       | 0  | 5                  | 0                                       | (5)                | 47,707             | 47,699  | 42,690             | (8)           | 5,009                                       | 0                   | 0                       | 0             | 47,707        | 42,726         | 4,981         |
| RL-0013C.R1.2 TRU Waste  |  |                                 |  |  |  |                                |  |                              |  |                                 |  |                                  | (1,377)                                 | (1,319)                                    | 145                | 58                                      | (1,464)            | 255,312            | 255,312   | 255,003            | (0)           | 308   | 0                   | 0                       | 0             | 255,312       | 253,546        | 1,765         |
| RL-0013C.R1.3 TRU Wst Facil Trans MinSafe                          |  |                                 |  |  |  |                                |  |                              |  |                                 |  |                                  | 1,500                                   | 1,500                                      | 0                  | 0                                       | 1,500              | 1,500              | 1,500   | 0                  | 0             | 1,500                                       | 0                   | 0                       | 0             | 1,500         | 1,417          | 83            |
| RL-0030.R1.1 GW Capital Asset                                      |  |                                 |  |  |  |                                |  |                              |  |                                 |  |                                  | 0                                       | 0  | 114                | 0                                       | (114)              | 175,008            | 175,008   | 174,703            | 0             | 305   | 0                   | 0                       | 0             | 175,008       | 174,972        | 36            |
| RL-0030.R1.2 GW Operations   |  |                                 |  |  |  |                                |  |                              |  |                                 |  |                                  | 0                                       | 0  | 11                 | 0                                       | (11)               | 92,146             | 92,146  | 89,327             | (0)           | 2,818                                       | 0                   | 0                       | 0             | 92,146        | 89,327         | 2,818         |
| RL-0040.R1.1 U Plant/Other D&D                                     |  |                                 |  |  |  |                                |  |                              |  |                                 |  |                                  | 126                                     | 343  | 643                | 217                                     | (300)              | 199,391            | 199,298   | 192,427            | (92)          | 6,871                                       | 0                   | 0                       | 0             | 199,391       | 192,595        | 6,796         |
| RL-0040.R1.2 Outer Zone D&D  |  |                                 |  |  |  |                                |  |                              |  |                                 |  |                                  | 0                                       | 0  | 2                  | 0                                       | (2)                | 84,279             | 84,279  | 71,662             | 0             | 12,617                                      | 0                   | 0                       | 0             | 87,273        | 75,083         | 12,190        |
| RL-0041.R1.1 100 K Area Remediation                                |  |                                 |  |  |  |                                |  |                              |  |                                 |  |                                  | 538                                     | 64   | 1,003              | (474)                                   | (939)              | 177,650            | 177,408   | 178,964            | (242)         | (1,556)                                     | 0                   | 0                       | 0             | 179,749       | 182,069        | (2,321)       |
| 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   |  |                                 |  |  |  |                                |  |                              |  |                                 |  |                                  | 6,924                                   | 5,588                                      | 7,363              | (1,336)                                 | (1,775)            | 1,318,214          | 1,313,993   | 1,294,729          | (4,221)       | 19,264                                      | 0                   | 0                       | 0             | 1,331,811     | 1,307,574      | 24,237        |
| f. Management Resrv.   |  |                                 |  |  |  |                                |  |                              |  |                                 |  |                                  |   |  |                    |   |                    |                    |   |                    |               |   |                     |                         |               | 0             |                |               |
| g. Total   |  |                                 |  |  |  |                                |  |                              |  |                                 |  |                                  | 6,924                                   | 5,588                                      | 7,363              | (1,336)                                 | (1,775)            | 1,318,214          | 1,313,993   | 1,294,729          | (4,221)       | 19,264                                      | 0                   | 0                       | 0             | 1,331,811     |                |               |
| 9. Reconciliation to CBB   |  |                                 |  |  |  |                                |  |                              |  |                                 |  |                                  |   |  |                    |   |                    |                    |   |                    |               |   |                     |                         |               |               |                |               |
| a. Variance Adjustment   |  |                                 |  |  |  |                                |  |                              |  |                                 |  |                                  |   |  |                    |   |                    |                    |   |                    |               |   |                     |                         |               |               |                |               |
| b. Total Contract Variance   |  |                                 |  |  |  |                                |  |                              |  |                                 |  |                                  |   |  |                    |   |                    |                    |   |                    |               |   |                     |                         |               | 1,331,811     | 1,307,574      | 24,237        |

**FORMAT 3, DD FORM 2734/3, BASELINE**

| CONTRACT PERFORMANCE REPORT  |                         |                               |  |                     |   |                     |   |                     |  |                                     |  |              | Form Approved<br>OMB No. 0704-0188  |                          |                      |  |
|--|-------------------------|-------------------------------|--|---------------------|---|---------------------|---|---------------------|--|-------------------------------------|--|--------------|-------------------------------------|--------------------------|----------------------|--|
| FORMAT 3 - BASELINE  |                         |                               |  |                     |   |                     |   |                     |  |                                     | DOLLARS IN THOUSANDS                     |              |                                     |                          | 4. REPORT PERIOD     |  |
| 1. CONTRACTOR<br>CH2M HILL Plateau Remediation Company<br>Richland, WA                 |                         |                               | 2. CONTRACT<br>a. NAME: Plateau Remediation Contract<br>b. NUMBER: RL14788<br>c. TYPE: CPAF<br>d. SHARE RATIO: |                     |   |                     | 3. PROGRAM<br>a. NAME: Plateau Remediation Contract<br>b. PHASE<br>c. EVMS ACCEPTANCE<br>NO YES X 9/18/2009 |                     |  |                                     | a. FROM: 2011/12/26<br>b. TO: 2012/01/22 |              |                                     |                          |                      |  |
| 5. CONTRACT DATA   |                         |                               |  |                     |   |                     |   |                     |  |                                     |  |              |                                     |                          |                      |  |
| a. ORIGINAL NEGOTIATED COST<br>0   |                         |                               | b. NEGOTIATED CONTRACT CHANGE<br>\$1,305,191   |                     | c. CURRENT NEGOTIATED COST (A + B)<br>\$1,305,191 |                     | d. ESTIMATED COST AUTH UNPRICED WORK<br>\$0   |                     | e. CONTRACT BUDGET BASE (C + D)<br>\$1,305,191 |                                     | f. TOTAL ALLOCATED BUDGET<br>\$1,331,811 |              | g. DIFFERENCE (E - F)<br>(\$26,620) |                          |                      |  |
| h. CONTRACT START DATE<br>4/9/2009   |                         |                               | i. DEFINITIZATION DATE   |                     | j. PLANNED COMPL DATE<br>9/30/2012                |                     | k. CONT COMPLETION DATE   |                     |  | l. EST COMPLETION DATE<br>9/30/2012 |  |              |                                     |                          |                      |  |
| 6. PERFORMANCE DATA  |                         |                               |  |                     |   |                     |   |                     |  |                                     |  |              |                                     |                          |                      |  |
| ITEM<br>(1)  | BCWS CUM TO DATE<br>(2) | BCWS FOR REPORT PERIOD<br>(3) | SIX MONTH FORECAST   |                     |   |                     |   |                     | FY09<br>(10)                                   | FY10<br>(11)                        | FY11<br>(12)                             | FY12<br>(13) | OUT YEARS<br>(14)                   | UNDISTRIB BUDGET<br>(15) | TOTAL BUDGET<br>(16) |  |
|  |                         |                               | +1<br>Feb-12<br>(4)  | +2<br>Mar-12<br>(5) | +3<br>Apr-12<br>(6)                               | +4<br>May-12<br>(7) | +5<br>Jun-12<br>(8)   | +6<br>Jul-12<br>(9) |  |                                     |  |              |                                     |                          |                      |  |
| a. PM BASELINE<br>(BEGIN OF PERIOD)  | 1,311,290               | 6,924                         | 6,654  | 2,446               | 231   | 617                 | 1,110   | 1,066               | 161,538  | 565,906                             | 585,572                                  | 18,672       | 0                                   | 0                        | 1,331,688            |  |
| b. BASELINE CHANGES AUTH DURING REPORT PERIOD<br>BCR-R13-12-001R0 - W&FM ARRA Buy-Back |                         |                               |  |                     |   |                     |   |                     |  |                                     |  | 123          |                                     |                          | 0<br>123             |  |
| c. PM BASELINE (END OF PERIOD)   | 1,318,214               |                               | 6,654  | 2,446               | 231   | 617                 | 1,110   | 1,066               | 161,538  | 565,906                             | 585,572                                  | 18,795       | 0                                   | 0                        | 1,331,811            |  |
| 7. MANAGEMENT RESERVE  |                         |                               |  |                     |   |                     |   |                     |  |                                     |  |              |                                     |                          | 0                    |  |
| 8. TOTAL   |                         |                               |  |                     |   |                     |   |                     |  |                                     |  |              |                                     |                          | 1,331,811            |  |

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

| CLASSIFICATION (When Filled In)   |             |  |                       |                         |  |   |             |   |            |
|---|-------------|--|-----------------------|-------------------------|--|---|-------------|---|------------|
| CONTRACT PERFORMANCE REPORT<br>FORMAT 5 - EXPLANATIONS AND PROBLEM ANALYSES   |             |  |                       |                         |  |   |             | FORM APPROVED<br>OMB No. 0704-0188            |            |
| <b>1. CONTRACTOR</b>  |             | <b>2. CONTRACT</b>                             |                       |                         | <b>3. PROGRAM</b>                                |   |             | <b>4. REPORT PERIOD</b>                       |            |
| <b>a. NAME</b><br>CH2M HILL<br>Plateau Remediation Company  |             | <b>a. NAME</b><br>Plateau Remediation Contract |                       |                         | <b>a. NAME</b><br>Plateau Remediation Contract   |   |             | <b>a. FROM (YYYY/MM/DD)</b><br><br>2011/12/26 |            |
| <b>b. LOCATION (Address and ZIP Code)</b><br><br>Richland, WA 99354   |             | <b>b. NUMBER</b><br>RL                         |                       | <b>b. PHASE</b><br>ARRA |  | <b>b. TO (YYYY/MM/DD)</b><br><br>2012/01/22 |             |   |            |
|   |             | <b>c. TYPE</b><br>CPAF                         | <b>d. SHARE RATIO</b> |                         | <b>c. EVMS ACCEPTANCE 2009/09/18</b><br>NO YES X |   |             |   |            |
|   | <b>BCWS</b> | <b>BCWP</b>                                    | <b>ACWP</b>           | <b>SV in \$</b>         | <b>SV in %</b>                                   | <b>CV in \$</b>                             | <b>CV %</b> | <b>SPI</b>                                    | <b>CPI</b> |
| Current:  | 6,924       | 5,589  | 7,364                 | (1,336)                 | -19.3%   | (1,775)                                     | -31.8%      | 0.81  | 0.76       |
| Cumulative:   | 1,318,214   | 1,313,993                                      | 1,294,729             | (4,221)                 | -0.3%  | 19,264                                      | 1.5%        | 1.00  | 1.01       |
|   | <b>BAC</b>  | <b>EAC</b>                                     | <b>VAC in \$</b>      | <b>VAC in %</b>         | <b>CPI to BAC</b>                                | <b>CPI to EAC</b>                           |             |   |            |
| At Complete:  | 1,331,811   | 1,307,574                                      | 24,237                | 1.8%                    | 0.5  | 1.4   |             |   |            |
| <b>Explanation of Variance/Description of Problem:</b>  |             |  |                       |                         |  |   |             |   |            |
| <p><b>Current Period Schedule Variance:</b> The Current Month unfavorable Schedule Variance (-\$1.3M) reflects the following:<br/>                     RL-0011 negative variance (-\$1.1M) is a result of inability to work planned shifts in RMA/RMC process lines due to key resource absence during holiday week, lack of work package backlog, and D&amp;D work restriction. Delays in demolition of the ZB Complex result from more effort required to ready 2736-ZB for demolition and time lost recovering from an un-sampled waste water incident. The Hanford site closure for inclement weather also contributes to the unfavorable variance. RL-0013 positive variance (+\$0.1M) is within reporting thresholds and reflects the following: RL-13C.R1.1 MLLW Treatment (+\$0.0M), RL13C.R1.2 TRU Waste (+\$0.1M) and RL13C.R1.3 TRU Waste Facility Trans MinSafe (+\$0.0M). The RL-0030 Current Month Schedule Variance is within thresholds. The RL-0040 positive variance (+\$0.2M) is within reporting threshold. However, the positive variance is due to schedule recovery for completion of 209E site stabilization and demobilization activities (scheduled in previous months, but behind due to issues with demolition of structures). The RL-0041 negative variance (-\$0.5M) is within reporting thresholds.</p> <p><b>Current Period Cost Variance:</b> The Current Month unfavorable Cost Variance (-\$1.8M) reflects the following:<br/>                     RL-0011 negative variance (-\$0.4M) is within reporting thresholds. The RL-13C.R1.1 MLLW Treatment (-\$0.0M), RL13C.R1.2 TRU Waste (-\$1.5M) and RL13C.R1.3 TRU Waste Facility Trans MinSafe (+\$1.5M) variances are within threshold. However, ARRA layup activities were replanned to a newly established DOE requested/authorized ARRA subproject. Costs associated with replanned scope will be corrected and/or transferred to the new subproject in the next reporting period (February 2012). The RL-0030 Current Month Cost Variance is within threshold. The RL-0040 negative variance (-\$0.3M) is within reporting threshold. The RL-0041 negative variance (-\$0.9M) is within reporting thresholds.</p>  |             |  |                       |                         |  |   |             |   |            |
| <p><b>Cumulative Schedule Variance:</b> An unfavorable cumulative schedule variance (-\$4.2M) is due to the following:<br/>                     The RL-0011 negative variance (-\$3.9M) is within reporting thresholds. The RL-0013 negative variance (-\$0.0M) is within reporting thresholds. The RL-0030 schedule variance is (\$0.0M) as all ARRA work scope has been completed. The RL-0040 negative variance (-\$0.1M) is within reporting thresholds. The RL-0041 negative variance (-\$0.2M) is within reporting thresholds.</p> <p><b>Cumulative Cost Variance:</b> The CTD favorable cost variance (+\$19.3M) reflects the following:<br/>                     RL-0011 negative variance (-\$8.6M) is within reporting thresholds. The RL-0013 positive variance (+\$6.8M) is due to efficiencies in TRU Characterization and Shipping, TRU Repackaging, T Plant and WRAP, Mixed Low Level Waste (MLLW) efficiencies created by treating waste at Energy Solutions (ES) - Clive rather than planned treatment at PFNW due to a waiver received from the Department of Energy (DOE), Environmental Restoration Disposal Facility (ERDF) negotiated rate reduction with vendor for waste containers, partially offset by increased materials and labor costs in support of the Trench Face Retrieval and Characterization System (TFRCS), and 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 Contract to Date Cost variance is within threshold. The RL-0040 positive variance (+\$19.5M) reflects the following: RL-0040.R1.1 U Plant/Other D&amp;D (+\$6.9M) positive variance is due to performance of the Cold and Dark and Sampling and Characterization/Waste Identification Form teams (D4); overhead allocations, less than anticipated resources for Program Management and C-3 Sampling; lower than planned costs for capital equipment (D4), and less asbestos abatement required for 200W buildings. This is 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), coupled with increased insulator staff and the use of overtime to recover schedule, 200E Administration and 209E Project delays, less resources required at U Canyon (D4), and Usage Based Services higher than planned. The RL-0040.R1.2 Outer Zone D&amp;D positive variance (+\$12.6M) is due to efficiencies in Arid Lands Ecology (ALE), North Slope Facilities, disposition of railcars D&amp;D, and Outer Area waste sites. 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 due to the walls of the basins being much thicker than estimated. The RL-0041 negative variance (-\$1.5M) is due to higher costs for the Utilities Project than planned.</p> |             |  |                       |                         |  |   |             |   |            |

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

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|---|
| <p><b>Impact:</b></p> <p><b>Current Period Schedule:</b> For RL-11R.1 current period reflects upward trend in schedule performance. The RMA/RMC process line schedule performance improved 3%. For RL-0013, current period, there is no impact. 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-41.R1.1 the current period schedule impacts are the same as the CTD schedule impacts (see below).</p> <p><b>Current Period Cost:</b> For RL-11.R1, cost performance improved this period 4.7%, and 11.6% in the RMA/RMC process line work. For RL-0013 no impacts at this time. For RL-0030, there are no impacts, work complete. 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, and RL-40.R1.2, there is no significant cost impact for the current period. For RL-41.R1.1 no impacts at this time.</p> <p><b>CTD Schedule:</b> For RL-11.R.1 work scope is projected to finish on schedule. Although the trend in the first quarter of FY12 is not favorable, the impacts during this period have (for the most part) been resolved and are not indicative of future work. For RL-0013 CTD there is no impact. For RL-0030, there are no impacts, work complete. 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&amp;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.</p> <p><b>CTD Cost:</b> For RL-11.R1 the VAC reflects expected improved efficiency in completing remaining ARRA work scope. Also, the ARRA to Base change has been reflected in the EAC, but is not yet reflected in the BAC. BCR 011-R11-12-001R0, <i>Realignment of ARRA KPP Work Scope</i>, will be implemented in February. For RL-13, the overall positive cost impact is due to project efficiencies. For RL-0030, there are no impacts, work complete. For RL-40.R1.1, and RL-40.R.1.2 there is overall positive cost impact due to project efficiencies. For RL-41.R1.1, costs will be monitored.</p>  |
| <p><b>Corrective Action:</b></p> <p><b>Current Period Schedule:</b> For RL-11.R.1 see CTD Schedule. For RL-0013, no corrective actions required. For RL-0030, no corrective actions required, work is complete. 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 corrective actions are the same as CTD schedule corrective actions (see below).</p> <p><b>Current Period Cost:</b> For RL-11.R1 no corrections are planned. For RL-0013, no corrective actions required. For RL-0030, no corrective actions required, work is complete. 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. For RL-41.R1.1 current period cost corrective actions are the same as the CTD cost corrective actions (see below).</p> <p><b>CTD Schedule:</b> For RL-11.R1 overtime will be used in selected areas to recover schedule, and a focused effort is in place to have multiple work packages available so alternative scope can be worked should problems arise with the package being worked. Resources have been identified in the detailed field execution schedule, which assists with more efficient resource utilization. The lifecycle performance measurement baseline underwent an independent joint CHPRC and DOE-RL review in December 2011; comment resolution is expected by February 2012. For RL-0013, no corrective action required. For RL-0030, no corrective actions required, work is complete. 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&amp;D structure demolition activities are being accelerated where they can to offset where other demolition activities are delayed. 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&amp;D structure demolition and waste site remediation schedule activities where they can to offset where other demolition and remediation activities have been delayed.</p> <p><b>CTD Cost:</b> For RL-11.R1 no specific actions are planned at this time. The lifecycle performance measurement baseline underwent an independent joint CHPRC and DOE-RL review in December 2011; comment resolution is expected by February 2012. For RL-0013, no corrective action required. For RL-0030, no corrective actions required, work is complete. For RL-40.R1.1 and RL-40.R.1.2, no corrective actions are required at this time. For 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>All ARRA Subproject's 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. The RL-0011 current month schedule variance is a result of inability to work planned shifts in RMA/RMC process lines due to key resource absence during holiday week, lack of work package backlog, and D&amp;D work restriction. Delays in demolition of the ZB Complex result from more effort required to ready 2736-ZB for demolition and time lost recovering from an un-sampled waste water incident. The Hanford site closure for inclement weather also contributes to the unfavorable variance. The RL-0013 negative schedule variance is within reporting thresholds and is the result of schedule recovery for Layup activities partially offset by early completion of MLLW returns. The RL-0013 negative cost variance is the result of ARRA Layup schedule without commensurate costs, accruals reversed in December (no invoice or re-accrual made) and corrections of start-up anomalies from ARRA to base-funded work scope. Overall, the ARRA workscope in RL-30 was completed in FY2011. There will be a few remaining costs transactions as contracts are closed and final billing completed. The RL-40 R1.1 U Plant/Other D&amp;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&amp;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 is within reporting thresholds.</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 \$24.2 million and 1.8%. This variance is within threshold for the Project. For information, the VAC threshold limit is +or- 5% and +or- \$15 million.</p>   |

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

|   |                           |                                       |                  |
|---|---------------------------|---------------------------------------|------------------|
| <b>Format 1 and 3 Contract Data:</b>  |                           |                                       |                  |
| <b>Contract Price Adjustments</b>   |                           |                                       |                  |
| <b>ARRA ONLY</b>  |                           |                                       |                  |
| <b>CPs - In Process</b>   |                           |                                       |                  |
|   |                           | <b>Total Authorized Unpriced Work</b> | -                |
| <b>Approved Adjustments to Contract Price (not reflected in B.4-1 Table)</b>  |                           |                                       |                  |
|   |                           | <b>Total Negotiated Cost Changes</b>  | <b>1,986,330</b> |
|   |                           | <b>Grand Total Adjustments</b>        | <b>1,986,330</b> |
| <b>Use of Management Reserve:</b> ARRA MR was unchanged (\$0.0) in January 2012.  |                           |                                       |                  |
| <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> |                           |                                       |                  |
| <b>Prepared by:</b><br>Project Control Staff  | <b>Date:</b><br>1/31/2012 | <b>Approved by:</b>                   | <b>Date:</b>     |

(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