



# River Corridor Closure Project

# Monthly Performance Report



**Safety • Integrity • Teamwork • Disciplined Operations**



Washington Closure Hanford is the River Corridor Closure Contractor for the U.S. Department of Energy, Richland Operations Office



**RIVER CORRIDOR CLOSURE PROJECT**  
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**RIVER CORRIDOR CLOSURE PROJECT  
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**INTRODUCTION:**

On August 27, 2005 the U.S. Department of Energy (DOE) Richland Operations Office (RL) transitioned cleanup along the Columbia River to Washington Closure Hanford (WCH), the new River Corridor Closure (RCC) Project contractor. The RCC Integrated Project Baseline (IPB) Rev. 0 was transmitted on March 23, 2006, and received provisional approval from RL on April 28, 2006. The March 2006 monthly report assumed implementation of the IPB, which provided the basis for performance reporting under the RCC contract. Reporting of change control and associated contingency drawdown to the IPB began with the May 2006 report.

Contract Line Item Number 3 (CLIN 3) (618-10/11) and majority of 100-K Area remaining scope were removed from SPI, CPI, and CSPI calculations beginning in November 2008 per discussions with RL. All other cost and schedule information for this scope still remains.

In May 2009, implementation of Contract Modification 123 (a.k.a. Mod 30), which incorporated material differences into the baseline, was initiated. Due to the extensive Mod 30 implementation effort, May performance was derived from the current period budgeted cost of work scheduled (BCWS). Actual costs were unaffected. No IPB change control actions were enacted in May. IPB Rev. 1 implementation is reflected beginning with the June 2009 report; final negotiated value is reflected in the September 2009 report.

**American Recovery and Reinvestment Act of 2009 (ARRA)**

RL issued two contract modifications (A099 [April 9, 2009] and A105 [April 30, 2009]) revising the RCC contract scope of work to include Environmental Restoration Disposal Facility (ERDF) cell expansion (Super Cells 9/10) with system and equipment upgrades, and to also begin the Field Remediation efforts for 618-10 waste site trenches. The modification provided \$203M to perform ARRA-funded workscope. An ARRA 180-Day Work Plan (WCH-332) was prepared that outlined the workscope, estimated costs, and FTE projections for the period from April 9, 2009 through October 8, 2009. WCH then submitted a Technical, Cost, and Fee Proposal on June 4 to RL to further define the full scope, cost, and schedule for the ARRA portion of the RCC contract. Funding Modification 139 was received in early September that increased the obligated amount to \$253M. Contract Modification 142 was negotiated for all of Phase 1 of the WCH ARRA workscope (\$106M) and provided a not to exceed (NTE) of \$17M for the start of Phase 2 scope (waste site remediation, confirmatory sampling, additional 618-10/11 scope and also additional ERDF scope).

The process for incorporating this new ARRA scope (CLIN 4) into the IPB is a phased approach. The first step (implemented in September 2009) is the deduction of ERDF cell expansion from CLIN 1 (~\$41M deduct baseline change proposal [BCP] RS-03). The negotiated CLIN 4 scope (Mod 142) was input into the IPB in early October and performance was reported against it for month-end October (ARRA Phase 1).

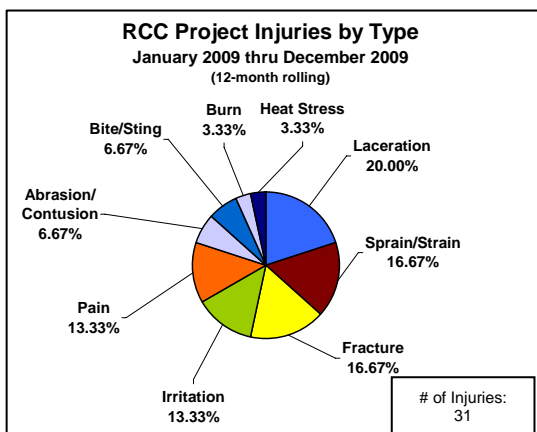
**SAFETY:**

As of December 31, 2009, RCC had worked approximately 1,222,400 hours since the last lost work day case (July 1, 2009). During December there were 1 first aid and 1 recordable-only injuries.

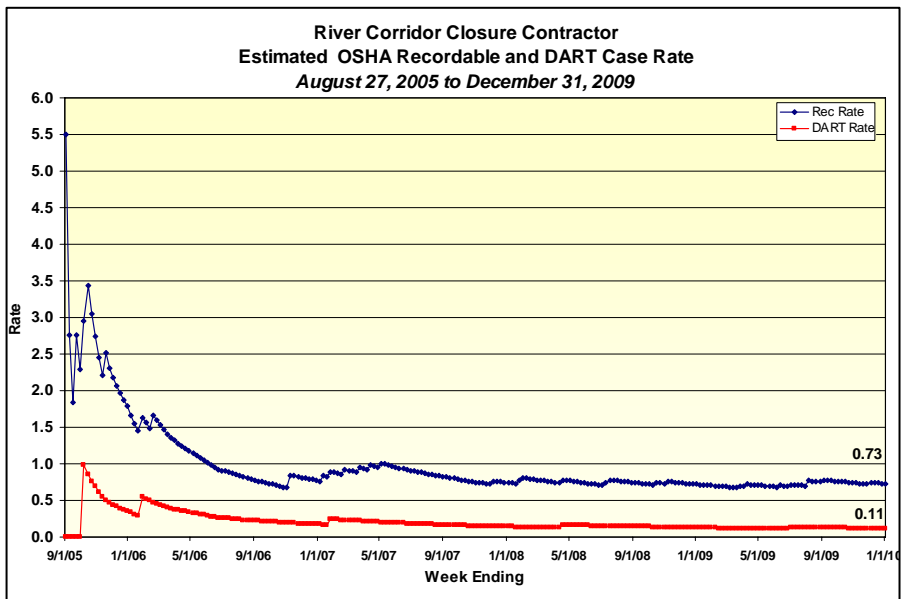
Inception to Date: 156 first aids; 27 recordable-only; 2 lost restricted; 3 lost work days

FYTD: 1 first aid; 1 recordable-only

Current Month: 1 first aid (contusion); 1 recordable-only (little finger fracture)



Graph at right tracks rate of injuries by week. Number of hours worked affects the OSHA rates (calculation is: # cases x 200,000 / actual hours worked). As of December 31, 2009, RCC Project total recordable case (TRC) rate was 0.73; DART rate was 0.11.



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**ACCOMPLISHMENTS:**

***Deactivation, Decontamination, Decommissioning, and Demolition (D4) Closure Project***

- Commenced deactivation of 1902D Water Tower.
- Completed deactivation of 117N Air Filter Building.
- Completed deactivation and demolition of 3718P building.

***Reactor Interim Safe Storage (ISS) Closure Project***

- Continued 105N demolition activities.
- Continued 105N safe storage enclosure (SSE) design.
- Continued review of subcontractor 109N SSE design shop drawings.

***Field Remediation (FR) Closure Project***

- Completed 100-H Area anomaly characterization activities.
- Initiated remedial activities at 600-176.
- Completed excavation and loadout of 333 slab and adjacent sites.

***Waste Operations (WO) Project***

- Received and disposed 72,212 tons of waste (61,193 tons WCH, 11,019 tons OHC) at ERDF during December bringing the total to 2,795,662 tons disposed since WCH assumed River Corridor cleanup responsibilities on 8/27/05.
- Finished revegetation of Cells 3/4 interim cover.
- Transported and disposed 251 roll-on/roll-off (RO/RO) containers for CHPRC.

***End State and Final Closure (ESFC) Project***

- Completed indicator contaminant screening Phase IIb fieldwork for the groundwater upwelling surveys using the Trident Probe technology. A total of 228 of 231 planned Phase IIb samples were collected with the remainder to be addressed as part of Phase III activities. Completed briefings with RL and the regulators to identify locations for Phase III characterization activities at 100-H, 100-D, and 100-K Areas.
- Continued implementation of the 100-K SAP (spatial/temporal groundwater samples collected and analyzed).
- Submitted Draft A version of the *Inter-Areas Segment 1 Orphan Sites Evaluation Summary Report* to RL for review and subsequent transmittal to EPA for review.

***Mission/General Support***

- Completed all activities associated with the Conduct of Operations (ConOps) Excellence/Safety Ownership Program (SOP) initiative with more than 500 people earning final awards.
- Finalized Shuttle Truck Safe Cable Management video and established WCH Training Course 105538.
- Completed and documented corrective actions in response to the opportunities for improvement identified in DOE Voluntary Protection Program (VPP) report.
- Successfully tested, implemented, and activated the new text messaging system which allows WCH to quickly inform employees of changes in site conditions.

***ARRA Workscope***

- Excavated ~ 1,615,528 cubic yards (CY) of the estimated 1,700,000 CY for ERDF Super Cell 9 as of 12/31/09 (includes ~ 263,913 CY stockpile removal).
- Received RL conditional approval for design of Super Cells 9/10.
- Submitted procurement package for construction of ERDF Super Cell 9 (remainder) and Super Cell 10 for RL concurrence.
- Completed 618-10 trench cone penetrometer installation activities.
- Completed 618-10 record research activities and associated report.
- Commenced work on ARRA confirmatory sampling scope for 100-K sites.

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**TPA MILESTONES:**

To date, 24 RCC Project TPA milestones were accomplished on (4) or ahead (20) of schedule.

<b>TPA Milestone Statistics</b> (Includes Targets and Commitment Milestones)				
Total	Remaining	Completed	Completed On	Completed Ahead
44	20	24	4	20

RCC Project FY10/11 TPA milestones include:

- **M-16-64** - Due 9/30/10 Complete Interim Remedial Actions, Except Revegetation, for 300-259, 303-M SA, 303-M UOF, UPR-300-46, UPR-300-17, and 618-1. *On schedule.*
- **M-16-94** - Due 11/30/10 Complete Interim Remedial Actions of 22 Waste Sites at 100-B/C. *On schedule.*
- **M-16-51-T02** - Due 12/31/10 Complete Excavation of 3 of 5 100-H Burial Grounds (118-H-1,-2,-3,-4, or -5). *On schedule.*

**PERFORMANCE MILESTONES:**

All RCC Project prior-year quarterly performance milestones were completed on or ahead of schedule. RCC Project FY10/11 performance milestones include:

- 12/31/09 **Complete** Complete Construction of ERDF Cells 7/8 and Complete 618-1 Loadout. *ERDF cells completed 5/7/09; 618-1 loadout completed 5/19/09 (for IPB planned quantity).*
- 3/31/10 TBD\* Complete 116-KW-2 Loadout. *Most of 100-K Area scope was transitioned to CH2M Hill Plateau Remediation Company (CHPRC) 10/1/08.*
- 6/30/10 TBD\* Complete 327 Demolition.
- 9/30/10 TBD\* Complete 324 Demolition.
- 12/31/10 TBD\* Complete 350 Demolition and 118-D-4 Loadout.
- 3/31/11 TBD\* Complete 340, 340A, and 340B Above-Grade Demolition.
- 6/30/11 TBD\* Complete 328, 328A, and 328BA Demolition.
- 9/30/11 TBD\* Complete 384 Demolition.

\*Performance milestones subject to renegotiation

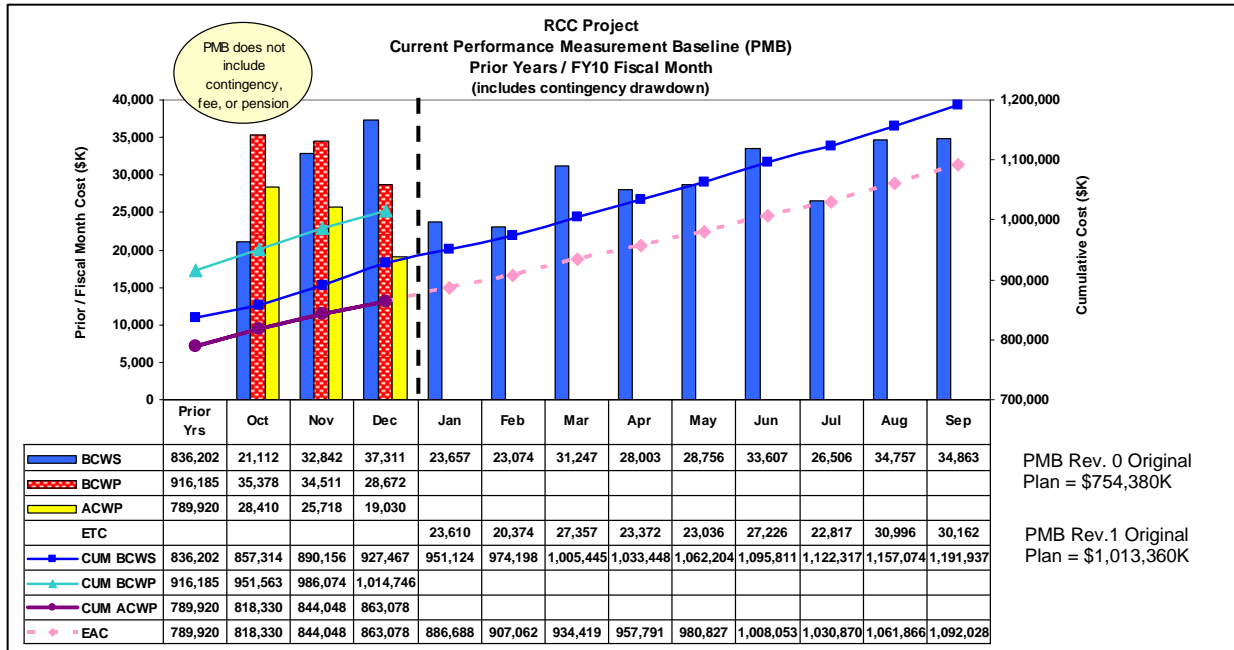
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**TARGET COST STATUS:**

Summary of FY10 IPB Target Cost and Cumulative Contract Cost:

	FY10 IPB Plan (\$K)	Cum to Date Plan (\$K) (through FY10)
PMB	\$355,735	\$1,191,937
Contingency	\$12,456	\$12,456
<b>Target Cost</b>	<b>\$368,191</b>	<b>\$1,204,393</b>
Pension	\$4,210	\$16,528
Target Fee	\$13,132	\$59,603
<b>Contract Cost</b>	<b>\$385,533</b>	<b>\$1,280,524</b>



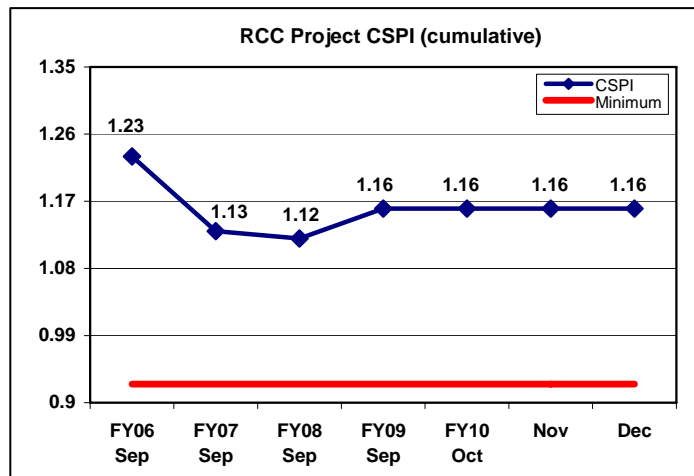
Note: ACWP does not include costs associated with \$1.2M funds transferred to Savannah River via DOE Inter-Entity Work Orders (IEWOs) for support services.

**Schedule Variance (PMB): \$87,279K; 9.4%**

- Acceleration of 300 Area and 100-N Area building demolitions.
- Stop-work at KE/KW Reactors ISS (RL direction).
- Accelerated work at 100-D/H burial grounds and accelerated completion of 100-B-14 and 100-C-9. Partially offset by delays at 100-K burial grounds, 300 Area waste sites, 100-IU-2/6, and 618-10/11 Burial Grounds.
- Transportation, treatment, and disposal support to accelerated work in FR and D4 Projects.

**Cost Variance (PMB): \$151,668K; 14.9%**

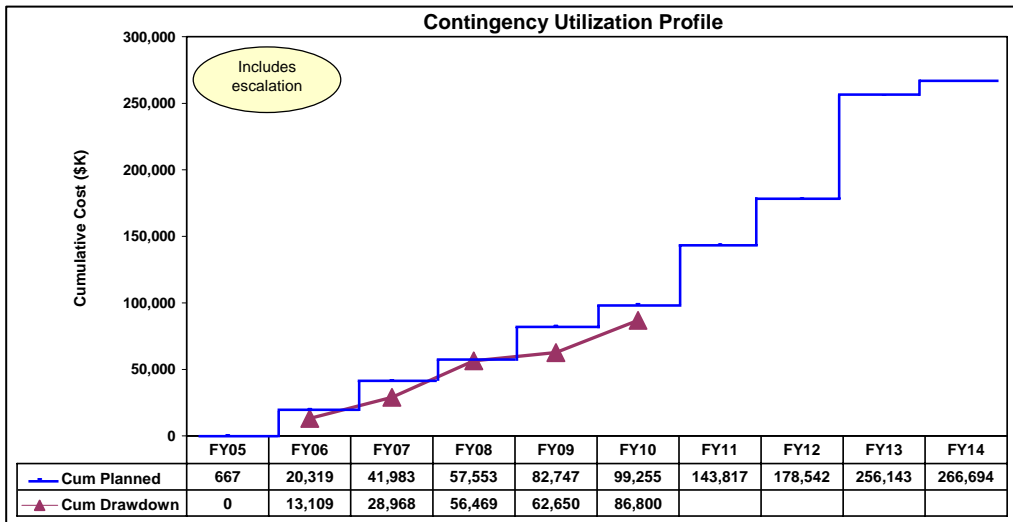
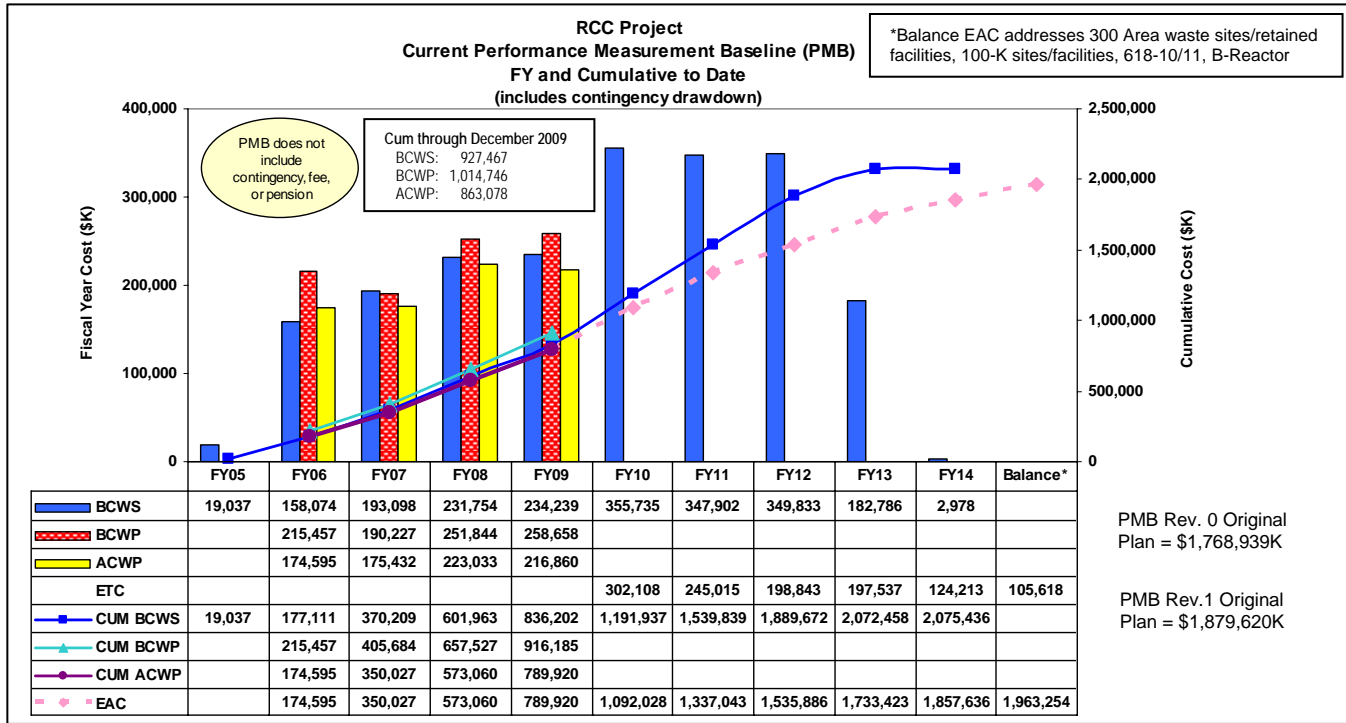
- Significant underruns experienced in 300 Area building characterization, deactivation, and demolition activities.
- Significant underruns in 300 Area utility charges and S&M activities.
- 100-D/F/H and 300 Area burial grounds remediation underruns. Partially offset by increased costs for 118-K-1 FY06-08 remediation/shutdown costs and FY09-10 restart costs, and by significant project support costs at all active dig sites.



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**TARGET COST STATUS: (CONT'D)**



**Contingency Summary (\$K)**  
 Total: \$266,694  
 Drawdown thru 12/09: 86,800  
 Contingency Balance: \$179,894

**Cum Through FY10 Summary (\$K)**  
 Total: \$99,255  
 Drawdown thru 12/09: 86,800  
 Contingency Balance: \$12,455

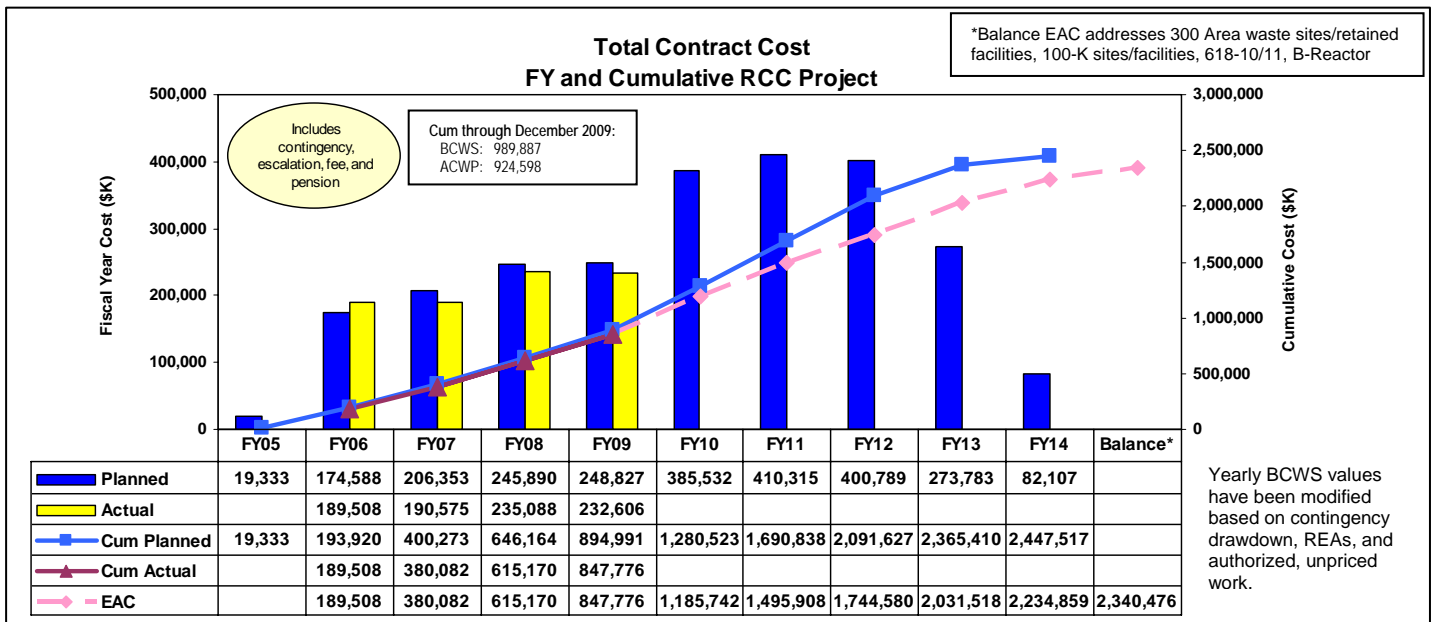
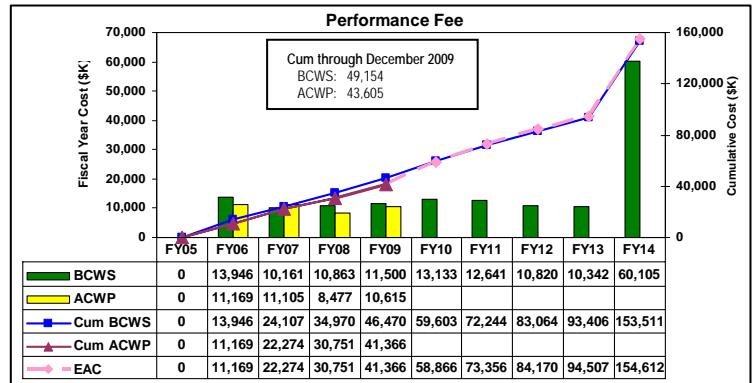
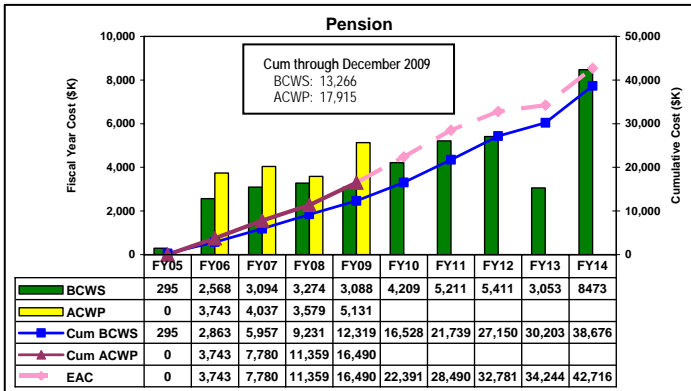
Distribution of \$86,800K cumulative contingency drawdown:

- \$ 8,619K - D4
- \$53,073K - FR
- \$10,551K - WO
- \$ 3,319K - ESFC
- \$11,237K - M/G Support

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**TOTAL CONTRACT COST:**



**FUNDING:**

Funding Summary (\$K) Period Ending 12/31/09										
	FY05	FY06	FY07	FY08	FY09	FY10	FY11	FY12	FY13	FY14
<b>FUNDING PROFILE - BASE CONTRACT</b>										
Contract Funding Profile - FY	20,000	183,000	212,000	232,000	242,000	297,000	376,000	406,000	416,000	409,000
Contract Funding Profile - Cumulative	20,000	203,000	415,000	647,000	889,000	1,186,000	1,562,000	1,968,000	2,384,000	2,793,000
<b>FUNDING ALLOCATION - BASE CONTRACT</b>										
*Contract Allocation through 12/31/09 - By FY	23,402	174,170	205,059	234,133	229,265	161,482				
Contract Allocation - Cumulative (through Mod #164 + IEWOs)	23,402	197,572	402,631	636,764	866,029	1,027,511				
<b>ARRA Funding Allocation</b>					253,614					
**ARRA Funding Authorization - Cumulative					123,847	123,847				

\* Does not include \$2,240K non-RCC funds  
\*\* Balance of ARRA funding will be authorized upon completion of Phase 2 negotiations

**TRENDS:**

No significant trends identified this reporting period.

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**ACCELERATION INITIATIVES:**

The River Corridor Closure Action Team (RCCAT) utilizes cost underruns to accelerate workscope to the IPB planned amount. Key RCCAT actions through December 2009 relate to:

- 300 Area and 100-N Area facility deactivation and demolition accelerations; 300 Area S&M and utility closure underruns.
- Acceleration of field remediation at waste sites in the 100-D, 100-F, 100-N, and 100-K Areas; acceleration of 100-B/C backfill.
- Additional volumes (plumes) at 100-B/C and 100-K burial grounds, 100-N crib remediation sites, and 300 Area burial grounds.
- Resolving issues associated with discovery of anomalies at waste remediation sites.
- ERDF issues resolution and upgrades.

**CHANGE CONTROL:**

**Base Scope.** Baseline change proposals (BCPs) to incorporate seven negotiated Requests for Equitable Adjustment (REAs) were approved in December. These consisted of REA-021, CRD O 205.1 Rev. 0 - Energy Cyber Security Management Program; REA-025, Lockout Tagout; REA-041R1, 100-D-100 Chrome Contamination Remediation; REA-042, Chronic Beryllium Disease Prevention Program; REA-050, Implementation of CRD O 450.1A, Environmental Protection Program; REA-066, 100-B/C Design and Remediation for 100-B-31, 100-B-032, and 100-B-33; and REA-069, Implementation of RRD 008 Rev. 1, Quality Assurance Program Requirements.

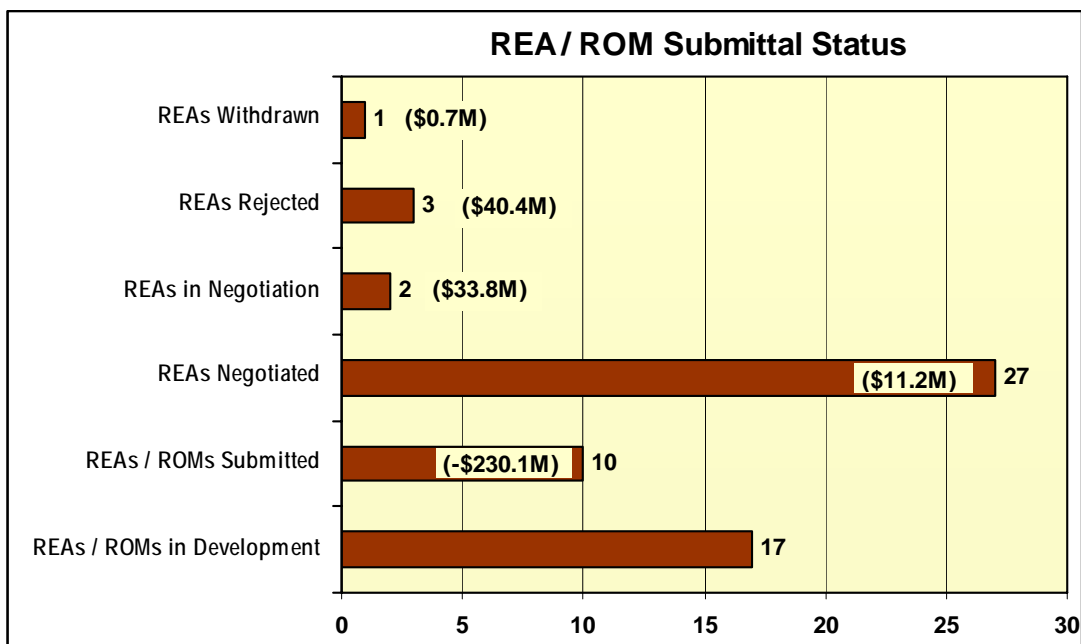
There were two authorized unpriced work (AUW) BCPs that incorporated RL not-to-exceed (NTE) authorizations into the baseline. Both of these involved soil remediation and disposal at/from the 100-H-3 and -4 waste sites.

Fourteen BCPs with contingency draws were approved in December. The field work portion of these included 324 B-Cell decontamination, confirmatory sampling at the 100-H-28 waste site, Field Remediation project subcontractor overhead and fee for the FY10 first quarter, 118-K-1 silo design, and non-site specific support (NSSS) costs associated with additional soil quantities at the 300 Area burial grounds. Contingency draw BCPs for support type work included FY09 Baseline Risk Assessment Draft B costs, FY09 data management costs, replacing the Docs Open management documentation system, Advanced Med Hanford costs, FY07-FY10 Hanford Technical Library costs, FY08-FY10 critical resource stipend costs, FY08-FY09 Hanford Concerns Council costs, and the additions of a HAMTC safety representative and an STR manager.

**ARRA Scope.** In December, one Phase 1 BCP with an offsetting contingency drawdown was approved. It provided authorization and funds to pave the back road at ERDF. The final negotiated value for this work is considerably less than the estimated cost due to design evolution. A Phase 2 work authorization was also approved for materials to outfit IP-1 containers. The Phase 2 ARRA workscope will be added to the IPB upon RL approval of the Phase 2 proposal submitted in October 2009.

**REQUESTS FOR EQUITABLE ADJUSTMENT (REAs) AND ROUGH ORDER OF MAGNITUDE (ROM) ESTIMATES:**

The following table depicts REA/ROM submittal status. Attachment 1 of the Executive Summary contains a detailed listing of REAs/ROMs.

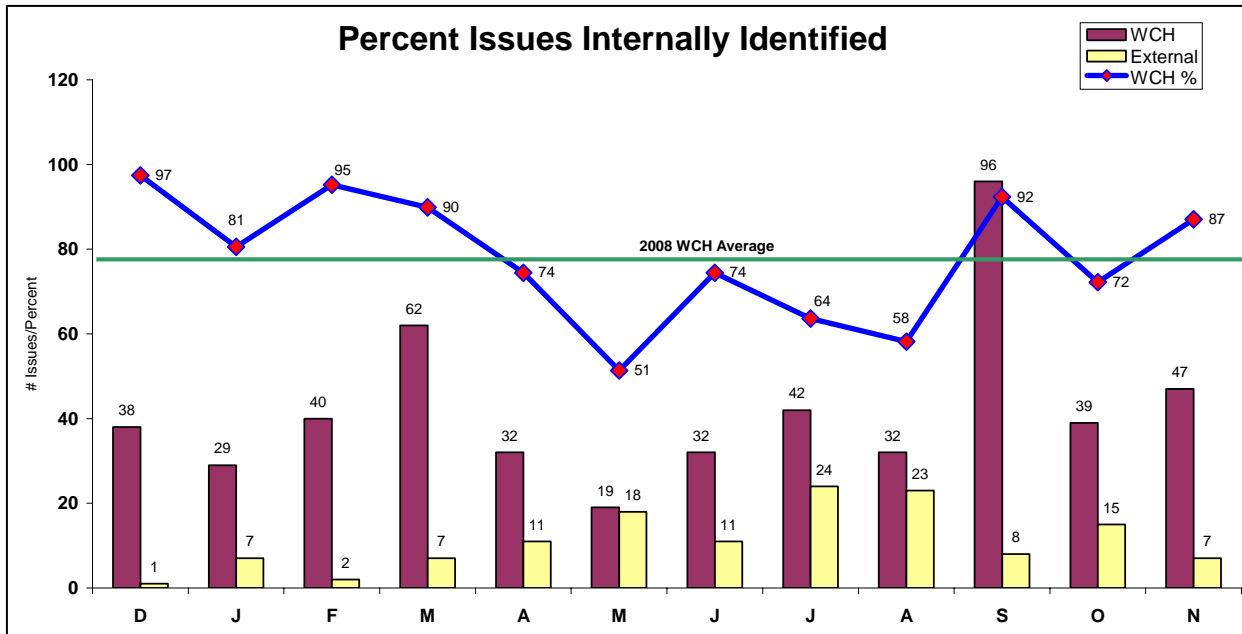


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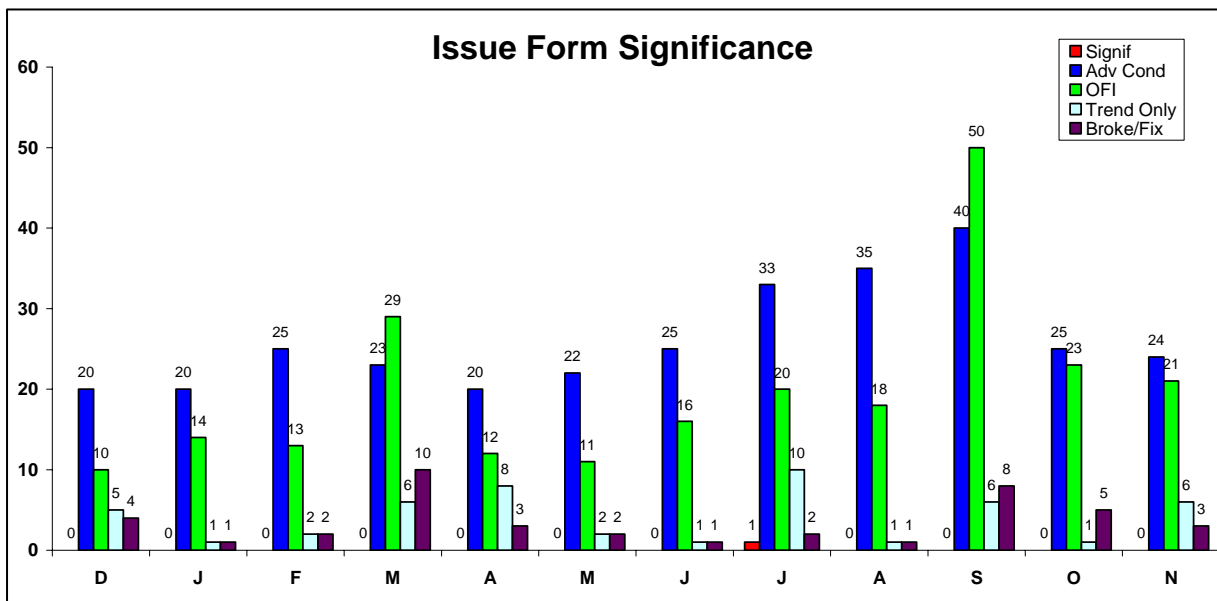
**QUALITY:**

As part of the Quality Assurance focus on continuous improvement, the following charts depict the identification and documentation of issues, their relative significance, and the overall responsiveness towards addressing the issues. The data are derived from the Corrective Action Management System (CAMS) and include adverse conditions (AC) and opportunities for improvement (OFI). These charts illustrate data for a 12-month timeframe from December 2008 through November 2009.



**Percent Issues Internally Identified:**

- **Analysis:** November was at 87% with an annual rate at 79%.
- **Action:** Continue to communicate appropriate use of the Issue Form (IF) system to document and address problems encountered by WCH personnel and activities.



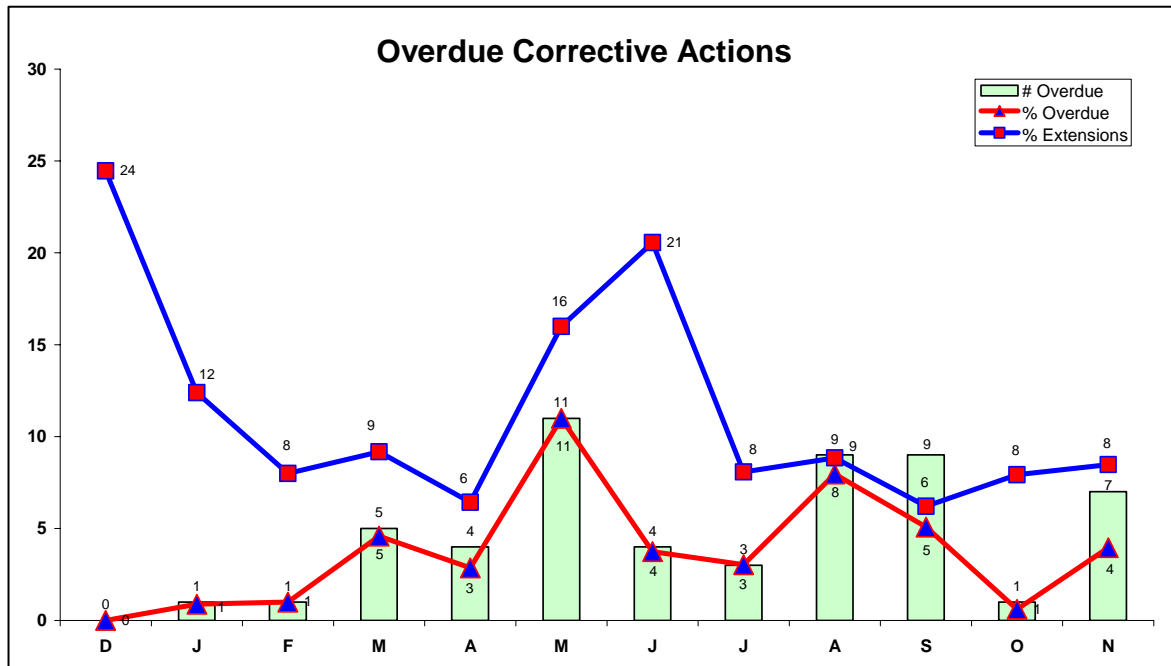
**Issue Form Significance:**

- **Analysis:** November numbers (54) are in line with the 12-month rolling average (53). Good balance between adverse conditions and opportunities for improvement. Use of system for improvement opportunities is reflective of a quality improvement culture.
- **Action:** Continue to monitor appropriate use of the system and reinforce expectations for use of the CAMS process to document problems.

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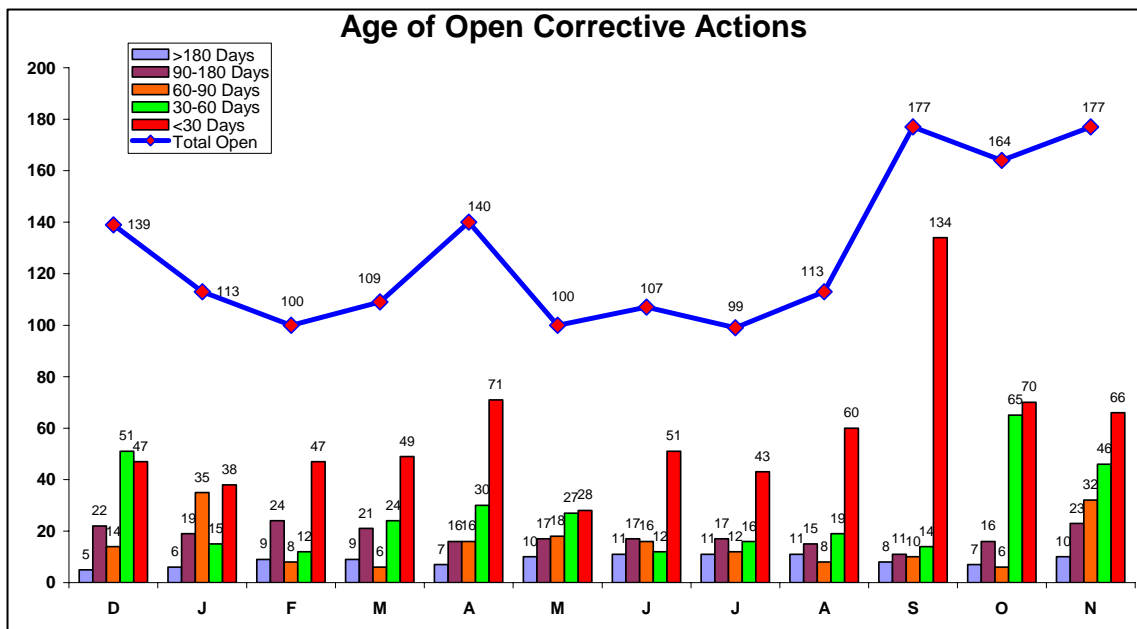


**QUALITY: (CONT'D)**



**Overdue Corrective Actions:**

- Analysis:** November data for overdue issues were higher than desired at 7 with extension activity also being higher than desired – however, both are within acceptable values. The average age of corrective actions continues to be low reflective of the majority of the actions being in the < 30-day old category. Overdues and extensions are not having a negative impact on the overall age of corrective actions from a program point of view. An analysis of historic extension activities revealed that since March 2, 2008 (roll out of the web-based CAM process), there have been 1,610 corrective actions created, of which 230 were extended at least once (14%). Of these, 39 (2.4% of total) were extended at least twice, 6 (0.4% of total) were extended three times, and only 1 was extended a fourth time. There are no open corrective actions that have been extended more than twice. Overall performance has met or exceeded goal for 11 of the last 12 months. Issues are being appropriately managed.
- Action:** QA to continue to issue reminders on corrective actions that are overdue to improve focus and attention on preventing actions from going overdue.



**Age of Open Corrective Actions:**

- Analysis:** The average age of actions is at 59 days, which is still below the yearly average. However, as predicted last month due to the large number of actions that were in the < 60-day category, the overall average age did increase, and for the same reason the average age is expected to continue to increase over the next several months as these issues get worked off. Of the 10 actions greater than 180 days, 2 are due to be closed by December 30.
- Action:** Maintain a focus on greater than 180-day actions for appropriateness.

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**SUBCONTRACTING GOALS:**

Per Contract Section H.13:

<b>WCH Self-Performed Work (\$K)</b> (cumulative ACWP less Pension)	
WCH Direct Labor	\$266,120
All Other	\$640,563
<b>Total</b>	<b>\$906,683</b>
Percent Self-Performed *	29.4%

\* Goal to be 40% or less.  
 (Includes ARRA)

As a function of subcontract commitments:

	Goal *	Oct 2008 - Dec 2009 (2nd 3-yr window)	ARRA	Total
Small Business	65.0%	<b>93.5%</b>	95.9%	93.8%
Small Disadvantaged	22.0%	<b>16.9%</b>	20.2%	17.4%
Woman-Owned	13.0%	<b>11.7%</b>	39.8%	15.3%
HUBZone Certified	4.5%	<b>6.9%</b>	11.5%	7.5%
Veteran-Owned	3.0%	<b>3.1%</b>	10.9%	4.1%
SD Veteran-Owned	3.0%	<b>1.4%</b>	11.0%	2.7%

\*Per contract Section J.4

<b>Small Business Subcontract Goal (\$K)</b> (Inception through December 2009)		Previous Month
Cum Funding Received (minus Pension portion)	\$1,136,232	\$1,014,687
Small Business Subcontract Committed through Current FY	\$439,896	\$421,450
Percent Committed *	38.7%	41.5%

\* Goal to be 30% or greater. (Includes ARRA)

**ISSUES:**

- **Issue:** There is substantial evidence that the 128-H-2 and 128-H-3 waste sites that have been identified as burn pits were never used as burn pits or for other hazardous waste disposal. This is based upon several pieces of evidence including, but not limited to, historical documentation review, the locations have the character cuts for borrow soil and there is an immediately adjacent road fill, no significant anomalous geophysical features exist, no hazardous solid wastes or other evidence of burning or disposal have been located in site investigations, and analytical data collected from confirmatory sampling are not suggestive of hazardous waste disposal.  
**Status:** The 128-H-2/128-H-3 RSVP was informally transmitted to RL 7/9/09. The WSRF and RSVP were formally submitted to Ecology by RL on 7/23/09 with comments due by 9/26/09. Ecology formally rejected the WSRFs in a letter to RL dated 9/24/09. Since that time RL sent an email to Ecology transmitting the responses to comments and giving Ecology 30 days to work toward resolution. WCH submitted a letter to RL on 9/30/09 identifying the potential milestone impact should the path forward delay continue. Sites 128-H-2 and 128-H-3 are included in TPA Milestone M-16-51 (due 12/31/11). RL and Ecology met 11/5/09 in a final effort to resolve comments. After technical discussion, Ecology agreed to sign "No Action" WSRFs for both waste sites. The revised WSRFs and RSVP were submitted to Ecology 11/19/09. Email with additional Ecology comments was received 12/17/09. Text will be revised to incorporate comments. Ecology indicated they will make a comment on the WSRF and will send back for RL signature.

**90-DAY LOOK AHEAD:**

**Major Activities:**

**D4 Closure Project**

- Commence demolition of 1902D Water Tower (January).
- Complete demolition of 336 High Bay Testing Facility (February-March).
- Complete 324 B-cell decontamination (January).

**Reactor ISS Closure Project**

- Begin 105N removal and loadout of siding on east side (January).
- Apply fixative and grout to the 105N Fuel Storage Basin (January).
- Complete 109N east side area backfill (February).

**FR Closure Project**

- Complete backfill at 100-B/C sites (January).
- Initiate 100-H Area demobilization activities (January).
- Begin demolition of 313 slab (February).

**Waste Operations Project**

- Add 8 additional truck and pup units to accelerate 100-D Area remediation (January).
- Start truck and pup transportation for 100-IU-2/6 (March).

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**90-DAY LOOK AHEAD: (CONT'D)**

***End State and Final Closure Project***

- Deliver Draft B of the River Corridor Baseline Risk Assessment (RCBRA) report ecological and human health volumes to RL for submittal to the regulators for review (March).
- Complete Phase III groundwater upwelling characterization activities using Trident Probe technology (January-March).
- Initiate RI/FS field investigation activities for new well/borehole drilling and sampling at 100-K, 100-B/C, and 100-D/H Areas (March).
- Complete the field investigation phase for the 400 Area orphan site evaluation (January - weather dependent).

***Mission/General Support***

- Revise radiation protection program to incorporate new dosimetry system mandated by 10 CFR 835 revision (January).
- Develop corrective action plans in response to DOE Integrated Work Control Program (IWCP)/ConOps surveillance (January).
- Submit WCH annual VPP report (February).

***ARRA Workscope***

- Finish excavation of ERDF Super Cell 9 (January).
- Award Super Cells 9/10 construction quality assurance (CQA) contract (January).
- Award bid to construct Super Cells 9/10 (February).
- Issue design/build RFP for ERDF Container, Equipment, and Truck Maintenance Facilities (January).
- Initiate 618-10 radiological characterization (January).
- Complete vertical pipe unit (VPU) cone penetrometer installation activities (February).
- Conduct 618-10 confinement workshop (February).
- Complete ARRA Phase 2 negotiations and receive executed contract modifications (March).

**GFS/I:**

A total of 117 action items have been identified that require RL action within the next three months. Detailed listings of the actions are included within the following individual project reports.

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**RISK MANAGEMENT REPORT:**

Cumulative To-Date Risk Item Status		Cumulative To-Date Risk Mitigation Action Status	
Risk Items OPEN	59	Risk Mitigation Actions (To Go) PLANNED	74
Risk Items CLOSED	35	Risk Mitigation Actions COMPLETED	114
Risk Items ON HOLD	38	Risk Mitigation Actions PENDING	13
Risk Items CANCELLED	7	Risk Mitigation Actions ON HOLD	57
<b>Total WCH Risk Items</b>	<b>139</b>	<b>Total Risk Mitigation Actions</b>	<b>258</b>

**Risk Items and Mitigation Actions Closed or Modified This Period**

- None

**Prior Months Pending/Ongoing Risk Items**

CS-004 Risk Assessment Second Year Sampling Phase  
 CS-005 Multiple Remedial Investigation Reports and Proposed Plans  
 CS-006 Columbia River Component of the River Corridor Baseline Risk Assessment  
 CS-007 Potential for Unplanned Involvement in Natural Resource Damage Assessment (NRDA) for River Corridor  
 D4-005 Facility Information Available During RCCC Solicitation Missed Significant D4 Issues  
 D4-006R1 Structural Integrity of Heavy Lifts  
 D4-010 Underground Utility Damage  
 D4-011R1 Late Turnover of PNNL Facilities  
 D4-013 Status at Turnover of PNNL Buildings  
 D4-016 Concrete Foundations for 181N and 181NE Extend into the Water  
 FR-004 Cultural Resources  
 FR-009 K-Basin Turnover Status  
 FR-013 Fuel/Alpha Contamination Waste  
 FR-016R1 Field Remediation Excavation Quantities  
 FR-017 Disposition of SNF  
 FR-018 100-C-7 Remediation  
 FR-021 100-D Burial Ground CVP  
 FR-022 100-D Hexavalent Chromium  
 FR-062R1 Newly Discovered Orphan Sites  
 FR-063R1 Failed Confirmatory Sites  
 FR-064 100-N Area Bioremediation Pilot  
 FR-065 600-149 Characterization  
 FR-066 Discovery of Chromium Plumes  
 FR-068 Utilities to Remain in the 300 Area  
 FR-071 Failed Previously Closed Out Sites  
 FR-073 Beryllium Exposure to Workers  
 GEN-002R1 HAMTC Site-Wide Seniority  
 GEN-007 Workman's Compensation  
 GEN-008R2 FY Funding  
 GEN-014 Project Sampling Resource Requirements

**Risk Items Due - 90-Day Look-Ahead**

- January - None
- February - None
- March - None

**Emerging Risks** (new risks identified or revised during the month)

- FR-077 - Field Remediation identified (August 2008) a new risk for - Partial Remaining Sites Verification Package.
- FR-078 - Field Remediation identified (August 2008) a new risk for - Petroleum Waste Sites Removal from ROD.
- 618-10/11 - WCH-216 Rev. 0, 600 Area Non-intrusive Characterization Risk Register, was submitted to RL (February 2008). New risks have been identified and will be implemented in the Risk Register once the workscope is authorized from RL.

**Unusual Activities** (may include unanticipated cost or schedule impacts [favorable or unfavorable] for mitigation activities, go/no-go decisions, or deployment of contingency for risk mitigation)

- None

**RIVER CORRIDOR CLOSURE PROJECT**  
**ATTACHMENT 1 - REA/ROM SUBMITTAL STATUS**

December 2009 Monthly Report



**REA/ROM Submittal Status**

**REAs Negotiated:**

WCH-REA-002R1 - DOE CRD O 226.1 Rev. 0 - Implementation of DOE Energy Oversight Policy (1/16/08)  
WCH-REA-004R1 - DOE CRD O 414.1C - Safety Software Quality Assurance (includes guide, CRD G 414.1-4) (1/16/08)  
WCH-REA-007R1 - DOE CRD O 420.1B Supp Rev. 0 - Change to WCH Criticality Safety Program (1/16/08)  
WCH-REA-008R1 - 100-F Area Orphans/Confirmatory Sites (1/16/08)  
WCH-REA-012R1 - DOE CRD M 470.4 Series - 470.4-1 Safeguards & Security Program, 470.4-2 Physical Protection, 470.4-4 Information Security, and 470.4-5 Personnel Security (1/16/08)  
WCH-REA-016 - Columbia River Component SAP, documentation for CRC (4/22/08)  
WCH-REA-017 - 618-10/11 Burial Grounds - Phase I Characterization Plan (1/16/08)  
WCH-REA-020 - B Reactor Roof - Phase I (1/16/08)  
WCH-REA-021 - CRD O 205.1 Rev. 0 - Energy Cyber Security Mgmt (1/9/08); negotiations complete 10/27/09  
WCH-REA-022 - 618-10/11 Phase II Characterization Plan, BIO, SAP, ENW Support (3/2/09), negotiations complete 8/25/09  
WCH-REA-023 - Four 100-D Area Confirmatory Sites (high priority potential chromium sites) (4/30/09), negotiations complete 8/19/09  
WCH-REA-025 - Lockout Tagout (7/9/09) - negotiations complete 9/30/09  
WCH-REA-029 - B Reactor Roof - Phase II (7/2/08)  
WCH-REA-031 - 100-D Hydraulic Hammer Rig Sample Analysis (CRC fieldwork)  
WCH-REA-032 - 100-F Shoreline Investigation (3/17/09), negotiations complete 8/19/09  
WCH-REA-035R1 - Columbia River Component (CRC) - Phase II (10/2/08)  
WCH-REA-040 - PRC Transition (7/30/08)  
WCH-REA-041R1 - 100-D-100 - (1/28/09) - negotiations complete 7/23/09  
WCH-REA-042 - Chronic Beryllium Disease Prevention Program (8/13/09); negotiations complete 10/30/09  
WCH-REA-043 - MSC Transition (10/23/08) - negotiations complete 6/10/09  
WCH-REA-045 - H Area Confirmatory Sites (3/10/09), negotiations complete 8/26/09  
WCH-REA-050 - CRD O 450.1A, Environmental Protection (7/23/09); negotiations complete 10/27/09  
WCH-REA-051 - 1112NA Microwave Tower Demolition (12/18/08) - negotiations complete 4/29/09  
WCH-REA-052 - 1902D Water Tower Demolition (12/18/08) - negotiations complete 6/25/09  
WCH-REA-066 - 100-B/C Remediation for 100-B-31, 100-B-32, 100-B-33 (3/19/09) - negotiations complete 9/24/09  
WCH-REA-069 - Implementation of RRD 008 Rev. 1 (7/23/09) - negotiations complete 9/29/09  
WCH-REA-087 - Design of 12 Failed Confirmatory Sites for 100-D Area (10/22/09); negotiations complete 10/26/09

**REAs in Negotiation:**

WCH-REA-059 - H Area Design & Remediation #1 (Design & Remediation of 126-H-2, 600-151, 1607-H1, 1607-H3 / Design of 128-H-1, 100-H-3, 100-H-4, 100-H-28:3 & :4 & :5 (4/7/09); negotiations initiated 10/7/09  
WCH-REA-070 - 100-D Area Remediation #2, Remediation for 100-D-7, 100-D-65, 100-D-66, 1607-D1, 1607-D5, 100-D-50:6 (4/15/09); negotiations initiated 10/7/09

**REAs / ROMs Submitted:**

WCH-REA-005R1 - DOE CRD O 151.1C - Comprehensive Emergency Management System  
WCH-REA-024 - 300/400 Area Facilities (descope) MO-740 / MO-766 Scope Deletion, and 100-K Area (descope) (combining REA-024 and REA-030 as complete scope deletion package) (12/17/09)  
WCH-REA-036 - Columbia River Component (CRC) Phase III (4/22/09)  
WCH-REA-048 - Groundwater Integration (6/25/09)  
WCH-REA-054 - ERDF Performance Assessment (12/22/09)  
WCH-REA-061 - H Area Remediation #3 (Remediation of 100-H-3, 100-H-4, 100-H-28:3 & :4 & :5) (10/20/09)  
WCH-REA-064 - D Area Design & Remediation #1 (128-D-2) (4/15/09)  
WCH-REA-074 - Cost Impact to B-Reactor Partial ISS/Hazardous Material Reduction as a Result of Changed Conditions in Work Performance (11/9/09)  
WCH-REA-076 - Development and Implementation of the DOE Tribal Use Scenario into RCBRA (7/1/09)  
WCH-REA-088 - Quality Assurance Implementation of RL Proposed Graded Approach (12/1/09)

**REAs / ROMs in Development:**

WCH-REA-034 - DOE O 243.2, Supp. Rev. 0, Vital Record Changes  
WCH-REA-056 - 183D Demolition (on hold)  
WCH-REA-071 - Demolition of 331 Hog Barn (on hold)  
WCH-REA-073 - Implementation of CRD DOE O 200.1A - Information Technology Management (4/27/09)  
WCH-REA-075 - Removal of 100-N Sewer Lagoon (1904N) from RCC Contract (descope)  
WCH-REA-078 - Development and Implementation of Site-Wide Respiratory Protection Program  
WCH-REA-079 - Groundwater Integration 100-D/H and 100-K Field Investigation  
WCH-REA-080 - Perform Pre-concurrence Review of the River Corridor Baseline Risk Assessment  
WCH-REA-081 - Confirmatory Sampling Process for 23 100-N Sites  
WCH-REA-083 - Implementation of CRD O 205.1A, Rev. 4, DOE Cyber Security Management (ROM submitted 10/20/09)  
WCH-REA-085 - Confirmatory Sampling Process for 3 100-IU-6 Sites  
WCH-REA-086 - Site Safety Program Update for Fall Protection  
WCH-REA-089 - Confirmatory Sampling Process for 20 100-N Sites

RIVER CORRIDOR CLOSURE PROJECT  
**ATTACHMENT 1 - REA/ROM SUBMITTAL STATUS**

December 2009 Monthly Report



***REAs / ROMs in Development: (cont'd)***

WCH-REA-090 - Project Management Controls  
WCH-REA-091 - Site-wide Electrical Safety Program  
WCH-REA-092 - Demolition of 3701D Hanford Patrol Headquarters  
WCH-REA-093 - Confirmatory Sampling Process for 2 100-D Sites

***REAs Rejected:***

WCH-REA-015 - Design/Remediation for 3 100-B/C Area Sites (100-B-20, 100-B-25, 100-B-28) (7/1/09) - rejected  
WCH-REA-019 - 300 Area Utilities (11/3/09) - rejected  
WCH-REA-060 - H Area Remediation #2 (Remediation of 128-H-1) (4/7/09) - REA rejected (May 2009), will be resubmitted as Rev. 1.

***REAs Withdrawn:***

WCH-REA-055 - Fee Request for OHC Scope (10/29/09) - withdrawn



**RIVER CORRIDOR CLOSURE PROJECT  
EXECUTIVE SUMMARY  
ATTACHMENT 2 - ISMS QUARTERLY METRIC  
December 2009 Monthly Report**

River Corridor Closure Contract  
Integrated Environment, Safety, and Health Management System Quarterly Performance Metrics  
1st Quarter FY 2010

ID	ISMS Metrics	ISMS PIs	POMCS FY10		RCCC Subject Matter Expert	FY06			FY07			FY08			FY09			FY 2010					Comments
			Stretch	Base		TOT	TOT	TOT	TOT	TOT	TOT	Q1	Q2	Q3	Q4	TOT							
F1	Completed Corrective Actions	✓	N/A		Chidisteran, KC	88%	77%	83%	87%	83%												83%	
F2	Completed Scheduled Assessments	✓	N/A		Chidisteran, KC	88%	76%	89%	85%	77%												77%	
F3	Percent of Corrective Actions that are Overdue	✓	N/A		Mountain, GR			3%		2%												2%	
F4	Percent of Corrective Actions that are > 180 Days Old	✓	N/A		Mountain, GR			7%		5%												5%	
F5	Percent of Corrective Actions Extended	✓	N/A		Mountain, GR			13%		9%												9%	
J1	Performance Analysis Evaluations Conducted		Every 12 Month Period		Mountain, GR			3	2	0												0	
J2	WCH Key Performance Indicator Monthly Evaluations Conducted		3	2	Mountain, GR			11	12	3												3	
J3	Operating Experience Documents Issued		90	70	Woodford, TL			402	379	78												78	
J4	Site Wide Respiratory Program Participation		N/A	86%	Thursey, SA					100%												100%	
J5	Heat Stress Recognition and Process Improvements		Implement Procedure, Provide Briefings		Thursey, SA					On Schedule												On Schedule	
J6	Safety Ownership Program		>500 Participants	Composite Scheduled Activities	Arnes, CP					Stretch Met												Stretch Met	
J7	Safety and Health Improvement Plan		Develop SHIP, communicate updates & status		Thursey, SA					3												3	

**RIVER CORRIDOR CLOSURE PROJECT**  
**DEACTIVATION, DECONTAMINATION, DECOMMISSIONING, AND DEMOLITION (D4) CLOSURE PROJECT**  
December 2009 Monthly Report



**SAFETY:**

Inception to Date: 78 first aids; 10 recordable-only; 1 lost restricted; 2 lost work days  
FYTD: 1 recordable-only  
Current Month: 1 recordable-only (little finger fracture)

**ACCOMPLISHMENTS:**

**100 Area**

- Commenced deactivation of 1902D Water Tower.
- Commenced below-grade demolition of 1310N Golf Ball.
- Continued deactivation preps for 105NE Fission Product Trap.
- Completed deactivation of 117N Air Filter Building.

**324 Chemical Engineering Lab / 327 Post-Irradiation Test Lab**

- Continued 324 in-cell equipment/debris relocations to support B-cell decontamination.

**300 Area**

- Completed grouting activity in the 336 High Bay Testing Facility.
- Completed deactivation and demolition of 3718P building.
- Continued above-grade demolition of 338 Maintenance Building.

**Surveillance & Maintenance (S&M) / Utilities**

- Completed cold/dark isolations for 3718P.
- Completed construction and tie-ins for Lift Station #12.
- Completed replacement of 382B heat exchangers.
- Completed electrical service for temporary warehouse in 300 Area.
- Completed wiring of temporary power cabinets to support deactivation of 324 facility.
- Completed TEDF Roto-torque valve installation.
- Completed Acceptance Test Procedure for the retention process sewer project.
- Awarded contract for 100-N Area water line project.
- Completed work for the B-Reactor filter press drain/sample hydraulic oil.

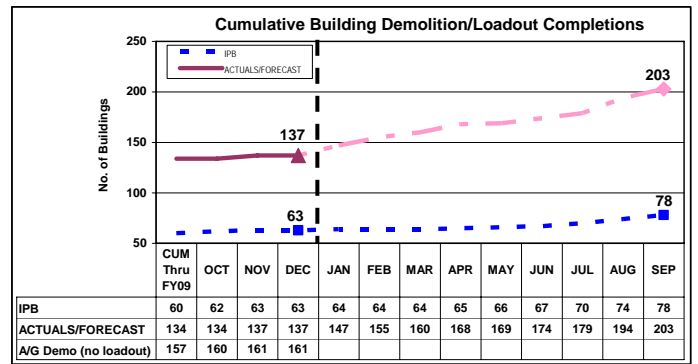
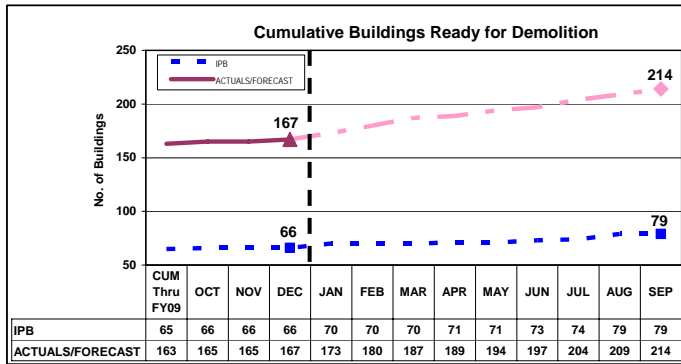


338 Maintenance Building Demolition

# RIVER CORRIDOR CLOSURE PROJECT DEACTIVATION, DECONTAMINATION, DECOMMISSIONING, AND DEMOLITION (D4) CLOSURE PROJECT December 2009 Monthly Report



## D4 METRICS:



## TPA MILESTONES:

To date, five D4 Closure Project TPA milestones were accomplished on (1) or ahead (4) of schedule. There are no D4 FY10/11 TPA milestones.

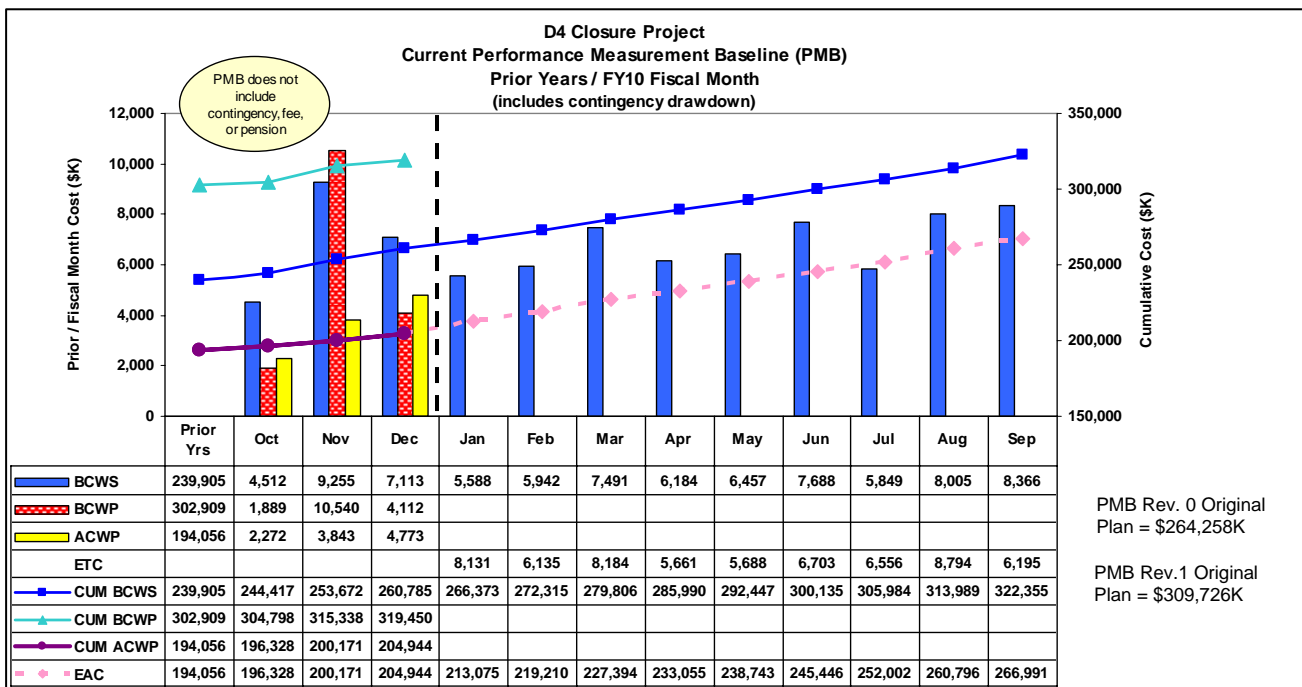
## PERFORMANCE MILESTONES:

All D4 Closure Project prior-year performance milestones were completed ahead of schedule. D4 Closure Project FY10/11 performance milestones include:

- 6/30/10 TBD\* Complete 327 Demolition.
- 9/30/10 TBD\* Complete 324 Demolition.
- 12/31/10 TBD\* Complete 350 Demolition and 118-D-4 Loadout.
- 3/31/11 TBD\* Complete 340, 340A, and 340B Above-Grade Demolition.
- 6/30/11 TBD\* Complete 328, 328A, and 328BA Demolition.
- 9/30/11 TBD\* Complete 384 Demolition.

\*Performance milestones subject to renegotiation

## TARGET COST STATUS:



**RIVER CORRIDOR CLOSURE PROJECT**  
**DEACTIVATION, DECONTAMINATION, DECOMMISSIONING, AND DEMOLITION (D4) CLOSURE PROJECT**  
 December 2009 Monthly Report



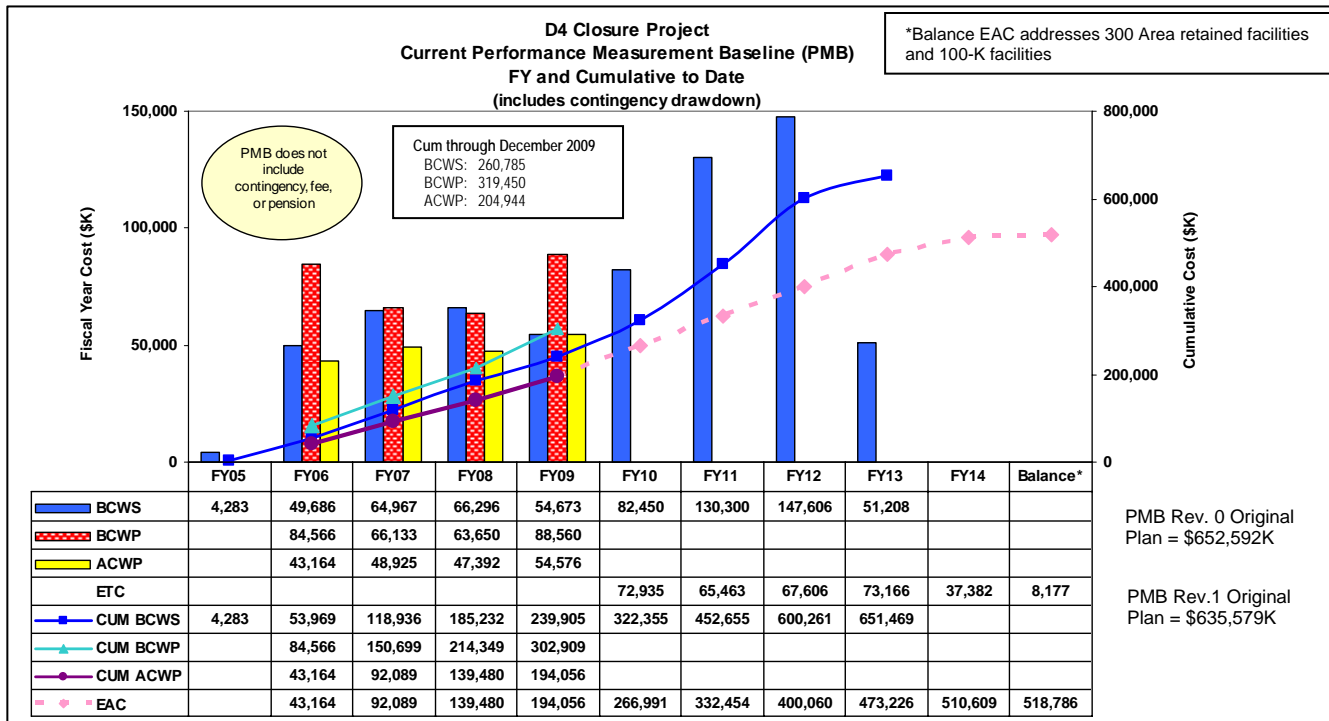
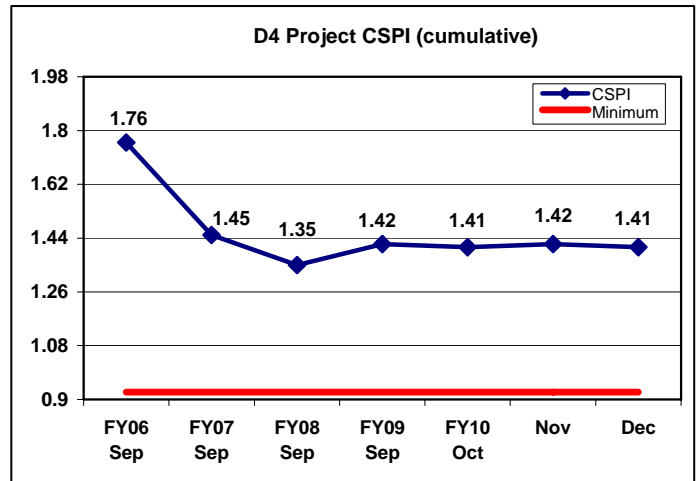
**TARGET COST STATUS: (CONT'D)**

**Schedule Variance: \$58,666K; 22.5%**

- Acceleration of numerous 300 Area and 100-N Area building demolitions account for favorable schedule variance. IPB Rev. 1 plan was for demolition of 63 buildings through December 2009, while 137 have been completed.
- Earned value technique for LOE management and support and non-site specific support accounts was changed in October 2008 to apportioned effort to align the performance of these accounts with the overall D4 performance.

**Cost Variance: \$114,506K; 35.8%**

- Significant underruns experienced in 300 Area building characterization, deactivation, and demolition activities.
- Significant underruns in 300 Area utility charges and S&M activities.



**ISSUES:**

None for this reporting period.

**90-DAY LOOK AHEAD:**

**Major Activities:**

**100 Area**

- Commence demolition of 1902D Water Tower (January).
- Continue below-grade demolition of 1310N Golf Ball (January).
- Commence deactivation of 105NE Fission Product Trap (January-February).
- Recomence deactivation and asbestos abatement of 182N High-lift Pump House (January-February).
- Complete deactivation of 181N Pump House (January-April).
- Commence demolition of 183H Clearwell (February-March).

**RIVER CORRIDOR CLOSURE PROJECT**  
**DEACTIVATION, DECONTAMINATION, DECOMMISSIONING, AND DEMOLITION (D4) CLOSURE PROJECT**  
 December 2009 Monthly Report



**90-DAY LOOK AHEAD: (CONT'D)**

**Major Activities:**

**300 Area**

- Complete hazardous waste removal in 315 complex (January).
- Complete deactivation of 3621D Emergency Generator Building and Shop (January-February).
- Continue shipping gloveboxes from 308 Fuels Development Laboratory to Perma-Fix (January-March).
- Complete demolition of 336 High Bay Testing Facility (February-March).
- Complete asbestos-containing material (ACM) removal from 3718M Sodium Storage Facility (February-March).
- Complete demolition of 338 Maintenance Building (February-March).
- Complete below-grade demolition of 337-BA building (March).

**324 Chemical Engineering Laboratory / 327 Post-Irradiation Test Laboratory**

- Complete 324 B-cell decontamination (January).

**S&M / Utilities**

- Install backup pump motor in the 312 pump complex (January).
- Complete construction of retention process sewer reroute (TEDF Area) (February).
- Award Lift Station #11 construction (January).
- Complete electrical utility isolation (2.4 KVA system) at 3621D and 352E (January).
- Initiate closure planning for 3621B/C backup electrical power facilities (February).
- Complete design of 300 Area water distribution system (January).
- Develop SOW for 300 Area water distribution system rehabilitation work; complete RFP and award contract (January).
- Complete design of 385 water pump skid (January); complete RFP and award contract; initiate construction (May).
- Continue temporary electrical power fabrication action and field work for 324 facility (January).
- Complete transition of 310 TEDF and 340 facilities from CHPRC to WCH (February).
- Prepare transition plan for 3790 from MSA to WCH (February).
- Support 618-10 utility planning (ongoing).
- Develop and perform utility isolation plans/work documents to support 400 Area D4 (January).
- Start construction for 100-N Area water line project (February).
- Initiate work activities for B-Reactor hazard mitigation (filter press removal) (January).
- Prepare work package for H-Reactor five-year inspection (January).

**GFSI Actions:**

Activity	Planned Submittal Date to RL	Requested Return Date from RL
RL Approve Resubmitted 324 B-Cell Exception to the Waste Acceptance Criteria (with requested Cost Benefit Analysis)	11/2/2009 (A)	12/17/2009

**REGULATORY INTERACTIONS:**

Require regulator support to meet activity/due date identified in above GFSI table.

# RIVER CORRIDOR CLOSURE PROJECT REACTOR INTERIM SAFE STORAGE CLOSURE PROJECT

December 2009 Monthly Report



### SAFETY:

Inception to Date: 14 first aids; 3 recordable-only, 1 lost work day  
 FYTD: 1 first aid  
 Current Month: 1 first aid (contusion)

### ACCOMPLISHMENTS:

#### **105N Reactor / 109N Heat Exchanger Building**

- Continued 105N demolition activities.
- Continued 105N hazardous material / demolition preps.
- Continued size reduction and loadout of 109N turbines (4 remaining).
- Continued 105N safe storage enclosure (SSE) design.
- Continued review of subcontractor 109N SSE design shop drawings.

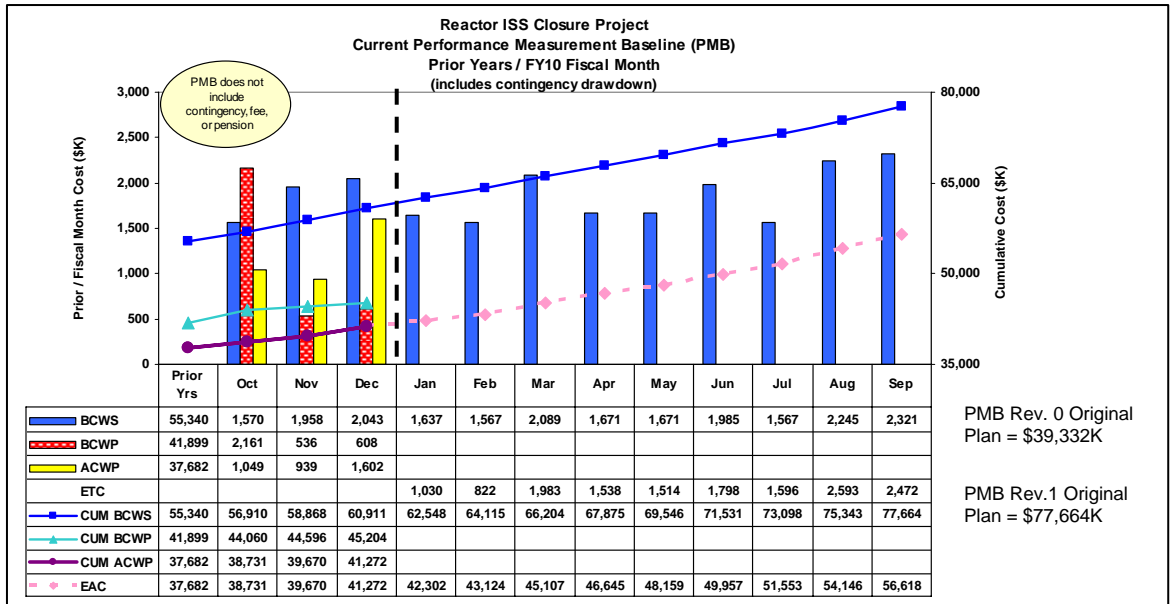


105N Control Room Demolition

### TPA MILESTONES / PERFORMANCE MILESTONES:

To date, three Reactor ISS Closure Project TPA milestones were accomplished ahead of schedule. There are no FY10/11 TPA milestones for the Reactor ISS Project. There are no performance milestones for the Reactor ISS Closure Project.

### TARGET COST STATUS:

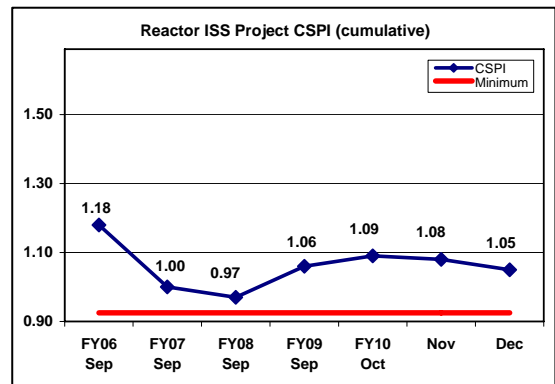


#### **Schedule Variance: (\$15,707K); (25.8%)**

- KE/KW Reactor ISS continues to fall behind schedule due to RL direction to stop work on these reactor sites.
- 105N/109N demolition/SSE subcontract was delayed due to increased focus on Field Remediation priority waste sites and associated quantity growth.

#### **Cost Variance: \$3,933K; 8.7%**

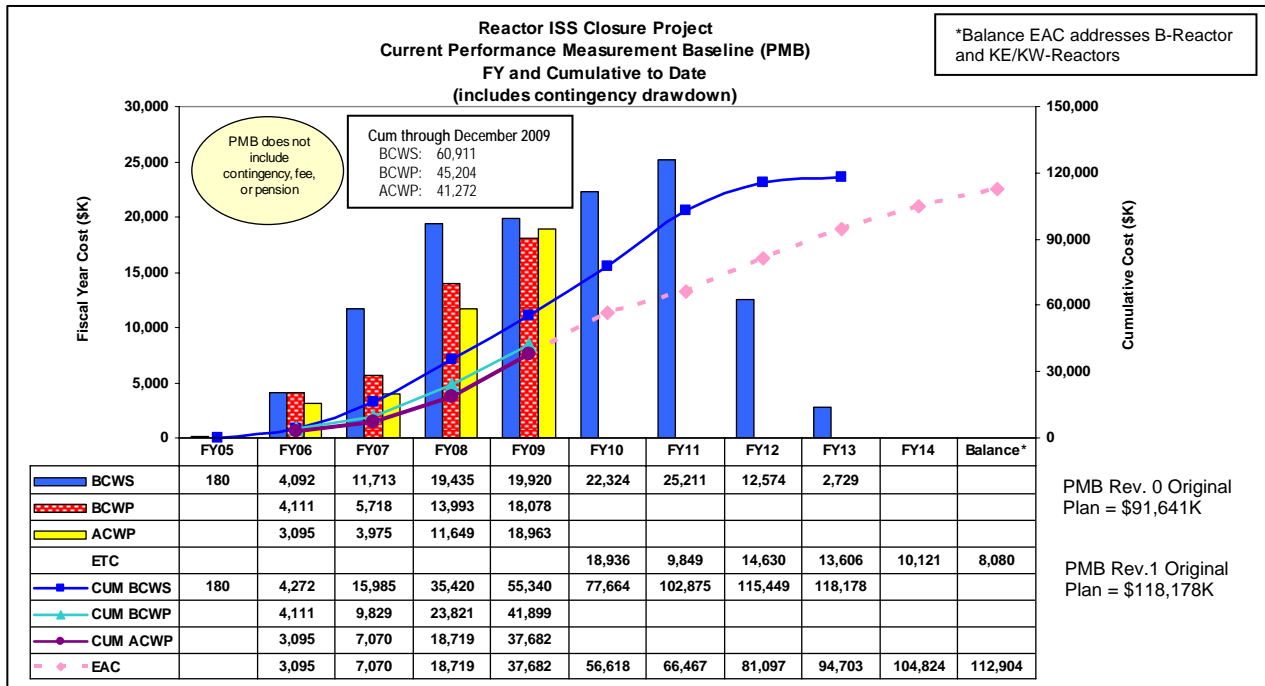
- H-Reactor ISS completed under budget.
- ISS management and support being accomplished with fewer resources than planned.



**RIVER CORRIDOR CLOSURE PROJECT**  
**REACTOR INTERIM SAFE STORAGE CLOSURE PROJECT**  
 December 2009 Monthly Report



**TARGET COST STATUS: (CONT'D)**



**ISSUES:**

None for this reporting period.

**90-DAY LOOK AHEAD:**

**Major Activities:**

**100-N Area**

- Begin 105N removal and loadout of siding on east side (January).
- Apply fixative and grout to the 105N Fuel Storage Basin (January).
- Begin preparation of 105N C-Elevator Pit stabilization (February).
- Begin excavation, below-grade demolition, and equipment removal at 105N (February).
- Complete 109N east side area backfill (February).
- Begin 109N SSE Type I work package to meet IWCP, Rev. 6 requirements (January).
- Complete 109N SSE joist fabrication (March).
- Complete 109N SSE wall/roof panel fabrication (March).
- Start 109N SSE purlin/girt, joist, structural steel columns/beam, wall/roof panel fabrications (March).

**GFS/I Actions:**

None for this reporting period.

**REGULATORY INTERACTIONS:**

None for this reporting period.

# RIVER CORRIDOR CLOSURE PROJECT FIELD REMEDIATION CLOSURE PROJECT

December 2009 Monthly Report



## **SAFETY:**

Inception to Date: 32 first aids; 8 recordable-only

FYTD: None

Current Month: None

## **ACCOMPLISHMENTS:**

### **100-B/C Area**

- Working with CHPRC to sample 100-B-27.
- Continued site closure activities.
- Continued backfill campaign.

### **100-H Area**

- Continued excavation and loadout of 126-H-2.
- Completed anomaly characterization activities.
- Completed confirmatory site sampling.

### **100-D Area**

- Continued remediation of 118-D-2 and 100-D-7.
- Continued loadout of 128-D-2.
- Continued overburden and loadout of the 100-D-31 pipelines.
- Completed rerouting CHPRC pump and treat utilities to support water tower demolition.

### **100-K Area**

- Continued excavation of 118-K-1 Burial Ground; began loadout.



118-K-1 Trench L Excavation – Square Box Anomaly



100-D-3:8 Demolition

### **100-IU-2 / 100-IU-6**

- Completed the Project Startup Review for remediation workscope.
- Initiated remedial activities at 600-176.

### **300 Area**

- Completed excavation and loadout of 333 slab and adjacent sites.
- Began closeout actions at 618-1 and adjacent sites.
- Began demolition of 314 slab.

### **Engineering Design**

- Continued design for new 100-H Area waste sites and 118-K-1 silo design.
- Began design for new 100-D Area waste sites and 100-C-7 excavation.
- Provided design support for 100-B-27 access ramp for CHPRC sampling personnel.
- Issued the revised 300 Area RDR/RAWP for inclusion of 618-1 Burial Ground.

### **Sample Design and Cleanup Verification**

- Began preparation of Request for Equitable Adjustment (REA) for the 100-N Area to bring 20 orphan sites into confirmatory sampling.
- Obtained RL/Ecology approval of the 100-H-8 confirmatory RSVP and 300-109/UPR-300-46 verification work instruction.
- Submitted the UPR-100-D-5 verification closure document for RL/regulator Draft A review.
- Assisted RL in resolving technical issues associated with 128-H-2 and 128-H-3 waste site closure. The revised WSRF and RSVP were delivered to Ecology 11/19/2009.

### **ARRA - 618-10 Burial Ground**

- Completed radiological characterization Project Startup Review; resolved post-start activities.
- Completed trench cone penetrometer installation activities.
- Continued vertical pipe unit (VPU) cone penetrometer installation activities.
- Completed record research activities and associated report.
- Completed RL review of intrusive characterization SAP and issued to RL for EPA review.

### **ARRA - Engineering Design**

- Continued 100-F Area failed confirmatory sites design.
- Continued 100-IU Segment 1 sites design.

### **ARRA - Sample Design and Cleanup Verification**

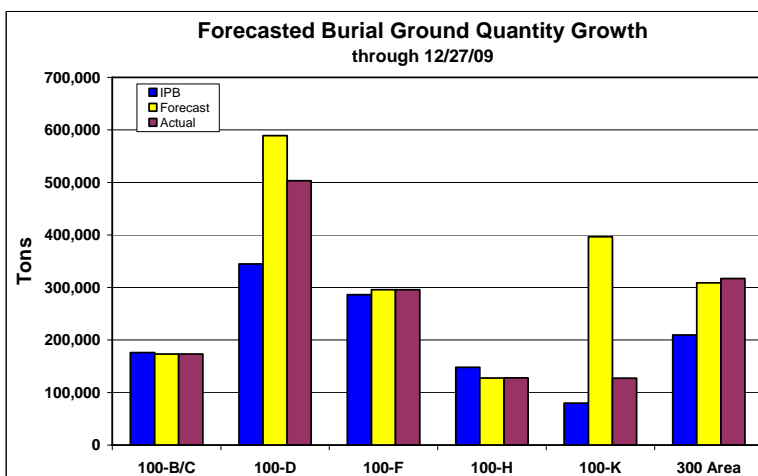
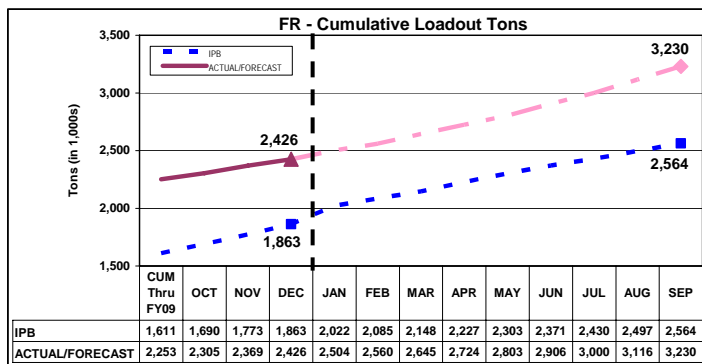
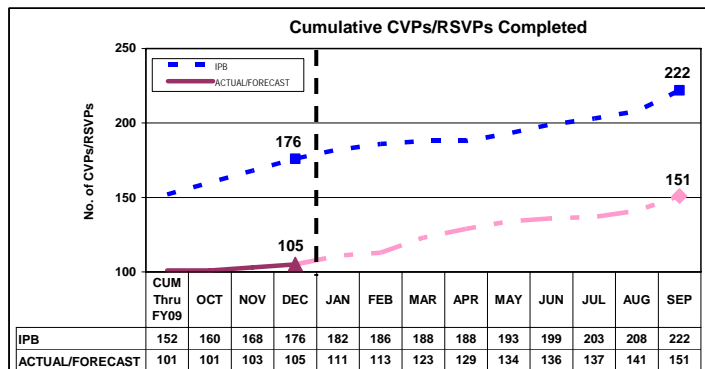
- Continued work on ARRA confirmatory sampling scope. This includes work planning as well as document writing for 100-D sites.
- Commenced work on ARRA confirmatory sampling scope for 100-K sites.
- Submitted the following ARRA confirmatory work instructions for RL/regulator Draft A review: 100-D-70, 100-D-74, 100-D-82, 100-D-87, 100-D-94, and 100-D-97. Also submitted the following WSRFs for RL/regulator Draft A review: 100-D-90 and 100-D-92.

# RIVER CORRIDOR CLOSURE PROJECT FIELD REMEDIATION CLOSURE PROJECT

December 2009 Monthly Report



## METRICS:



## TPA MILESTONES:

To date, 12 Field Remediation Closure Project TPA milestones were accomplished on (1) or ahead (11) of schedule. Field Remediation FY10/11 TPA milestone activities include:

- **M-16-64** - Due 9/30/10 Complete Interim Remedial Actions, Except Revegetation, for 300-259, 303-M SA, 303-M UOF, UPR-300-46, UPR-300-17, and 618-1. *On schedule.*
- **M-16-94** - Due 11/30/10 Complete Interim Remedial Actions of 22 Waste Site at 100-B/C. *On schedule.*
- **M-16-51-T02** - Due 12/31/10 Complete Excavation of 3 of 5 100-H Burial Grounds (118-H-1,-2,-3,-4, or -5). *On schedule.*

## PERFORMANCE MILESTONES:

All Field Remediation Closure Project prior-year performance milestones were completed on or ahead of schedule. FR Closure Project FY10/11 performance milestones include:

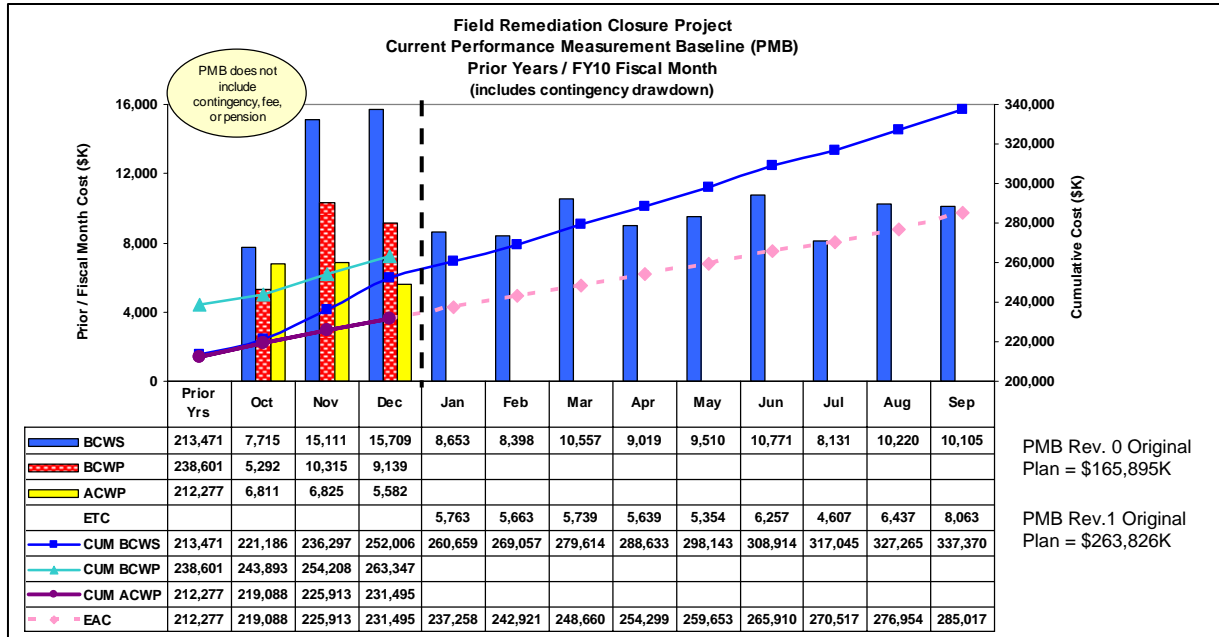
- 3/31/10 TBD\* Complete 116-KW-2 Loadout. *Most of 100-K Area scope was transitioned to CHPRC 10/1/08.*
- 12/31/10 TBD\* Complete Building 350 Demolition and 118-D-4 Loadout.

\*Milestones subject to renegotiation.

# RIVER CORRIDOR CLOSURE PROJECT FIELD REMEDIATION CLOSURE PROJECT December 2009 Monthly Report



## TARGET COST STATUS:

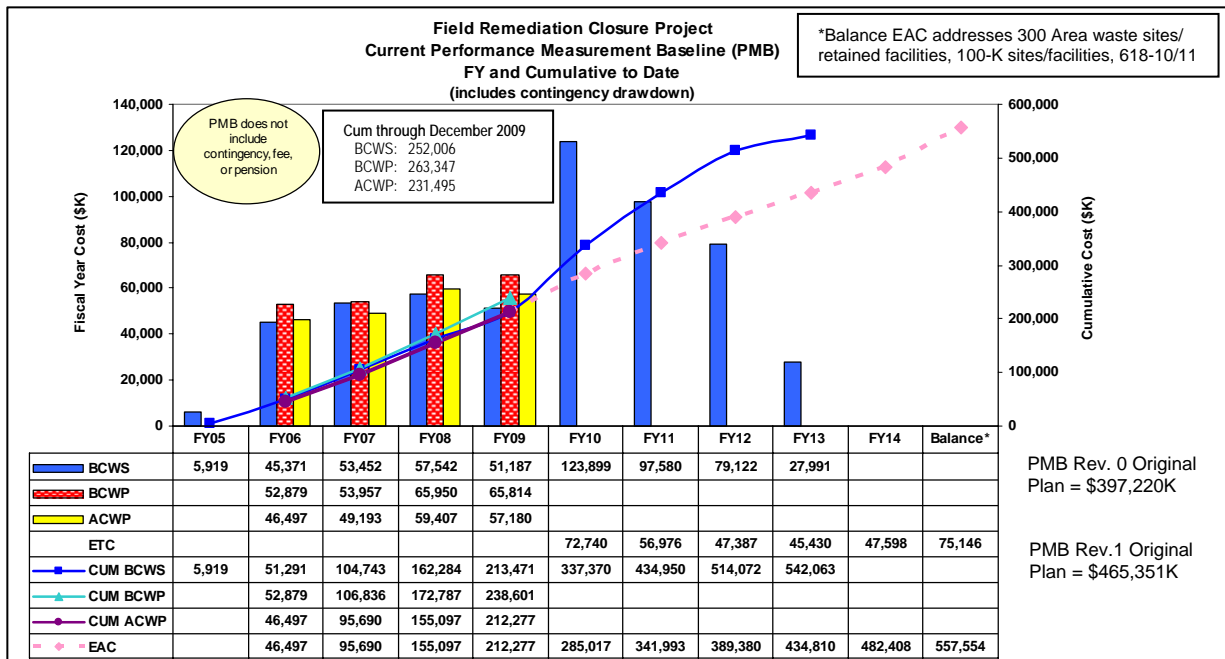
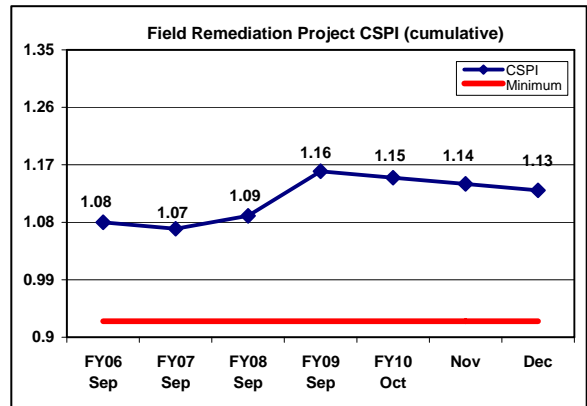


### Schedule Variance: \$11,341K; 4.5%

- Variance is a combination of accelerated work at 100-D and 100-H burial grounds and accelerated completion of 100-B-14 and 100-C-9. Partially offset by delays at 100-K burial grounds, 300 Area waste sites, 100-IU-2/6, and 618-10/11 Burial Grounds.

### Cost Variance: \$31,852K; 12.1%

- Favorable cost experienced to-date in 100-D, 100-F, 100-H, and 300 Area burial grounds remediation. Partially offset by increased costs for 118-K-1 FY06-08 remediation/shutdown costs and FY09-10 restart costs; and by significant project support costs at all active dig sites.



**RIVER CORRIDOR CLOSURE PROJECT**  
**FIELD REMEDIATION CLOSURE PROJECT**

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**ISSUES:**

- **Issue:** There is substantial evidence that the 128-H-2 and 128-H-3 waste sites that have been identified as burn pits were never used as burn pits or for other hazardous waste disposal. This is based upon several pieces of evidence including, but not limited to, historical documentation review, the locations have the character cuts for borrow soil and there is an immediately adjacent road fill, no significant anomalous geophysical features exist, no hazardous solid wastes or other evidence of burning or disposal have been located in site investigations, and analytical data collected from confirmatory sampling are not suggestive of hazardous waste disposal.  
**Status:** The 128-H-2/128-H-3 RSVP was informally transmitted to RL 7/9/09. The WSRF and RSVP were formally submitted to Ecology by RL on 7/23/09 with comments due by 9/26/09. Ecology formally rejected the WSRFs in a letter to RL dated 9/24/09. Since that time RL sent an email to Ecology transmitting the responses to comments and giving Ecology 30 days to work toward resolution. WCH submitted a letter to RL on 9/30/09 identifying the potential milestone impact should the path forward delay continue. Sites 128-H-2 and 128-H-3 are included in TPA Milestone M-16-51 (due 12/31/11). RL and Ecology met 11/5/09 in a final effort to resolve comments. After technical discussion, Ecology agreed to sign "No Action" WSRFs for both waste sites. The revised WSRFs and RSVP were submitted to Ecology 11/19/09. Email with additional Ecology comments was received 12/17/09. Text will be revised to incorporate comments. Ecology indicated they will make a comment on the WSRF and will send back for RL signature.

**90-DAY LOOK AHEAD:**

**Major Activities:**

**100-B/C Area**

- Complete backfill at 100-B/C sites (January).
- Revegetate 100-B/C sites (January).
- Continue site closure process for all 100-B/C sites (January-March).

**100-D Area**

- Complete remediation activities for 118-D-2 (January).
- Continue loadout at 128-D-2 (January-February).
- Initiate remediation activities at 100-D-7 (January).
- Continue overburden and loadout of the 100-D-31 pipelines (continuous through FY10).

**100-H Area**

- Complete excavation and loadout of 126-H-2 Clearwells (January).
- Initiate remediation of 100-H-3 and 100-H-4 (January).
- Initiate demobilization activities (January).

**100-K Area**

- Continue excavation and loadout activities at 118-K-1 Burial Ground (ongoing).

**100-IU-2 / 100-IU-6**

- Continue remediation at 100-IU-2/6 (ongoing).

**300 Area**

- Complete demolition of 314 slab and begin excavation and loadout (January).
- Begin demolition of 313 slab (February).

**Engineering Design**

- Begin scope planning for miscellaneous restoration debris (January).
- Complete design of 100-C-7 excavation (March).
- Award 100-N Area remediation subcontract procurement (March).

**Sample Design and Cleanup Verification**

- Continue preparation of confirmatory work instructions for five 100-H Area sites (January-February).
- Finalize and submit REA for 100-N Area to bring 20 orphan sites into confirmatory sampling (January-February).
- Perform confirmatory sampling at site 100-D-63 (January).
- Initiate readiness activities for confirmatory sampling at 100-K and 100-N sites (January-February).

**ARRA - 618-10 Burial Ground**

- Initiate radiological characterization (January).
- Complete VPU cone penetrometer installation activities (February).
- Continue preparation of Basis of Interim Operation (BIO) and Emergency Preparedness Hazards Assessment (EPHA) (January-February).
- Continue site infrastructure design (January-February).

**ARRA - Engineering Design**

- Continue 100-F Area failed confirmatory sites design (January-March).

**ARRA - Sample Design and Cleanup Verification**

- Begin preparation of ARRA procurement for field subcontractor (January).

**RIVER CORRIDOR CLOSURE PROJECT**  
**FIELD REMEDIATION CLOSURE PROJECT**

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**90-DAY LOOK AHEAD:**

**GFS/I Actions:**

Activity	Planned Submittal Date to RL	Requested Return Date from RL
RL Review Draft A 100-H-36 Closure Document	9/15/2009 (A)	1/21/2010
RL Review Draft A Closure Document for 100-D-29	11/16/2009 (A)	1/28/2010
RL Review Draft A Closure Document for 100-H-55	11/16/2009 (A)	1/11/2010
RL Review Draft A Closure Document for 100-D-56:2	11/17/2009 (A)	1/28/2010
RL Review Draft A Closure Document for 100-B-27	11/17/2009 (A)	1/21/2010
RL Review Draft A Closure Document for 600-152	11/18/2009 (A)	2/1/2010
RL Review Draft A WI for 116-DR-5	11/24/2009 (A)	1/7/2010
RL Review Draft A Closure Document for UPR-100-D-5	12/3/2009 (A)	2/23/2010
RL Sign Rev. 0 WI for 100-H-35	12/9/2009 (A)	1/14/2010
RL Review Draft A WI for 116-DR-3	12/14/2009 (A)	1/27/2010
RL Review Draft A Closure Document for 116-D-10	12/15/2009 (A)	2/15/2010
RL Review Draft A Closure Document for 100-B-25	12/22/2009 (A)	2/4/2010
RL Review Draft A Closure Document for 100-B-32	12/22/2009 (A)	2/4/2010
RL Review Draft A Closure Document for 118-D-4	12/22/2009 (A)	2/4/2010
RL Review Draft A Closure Document for 116-H-9	12/22/2009 (A)	2/4/2010
RL Review Draft A Closure Document for 100-B-33	12/22/2009 (A)	2/4/2010
RL Review Draft A Closure Document for 100-B-19	12/22/2009 (A)	2/4/2010
RL Review Draft A WI for 600-29	1/5/2010 (A)	2/18/2010
RL Review Draft A Closure Document for 100-B-31	1/6/2010 (A)	2/19/2010
RL Review Draft A Closure Document for 100-D-42	1/6/2010 (A)	2/19/2010
RL Review Draft A Closure Document for 100-D-45	1/6/2010 (A)	2/19/2010
RL Review Draft A Closure Document for 100-D-43	1/6/2010 (A)	2/19/2010
RL Sign Rev. 0 Closure Document for 118-D-5	1/11/2010	1/14/2010
RL Sign Rev. 0 WI for 116-DR-10	1/11/2010	1/14/2010
RL Sign Rev. 0 Closure Document for 100-D-47	1/11/2010	1/14/2010
RL Sign Rev. 0 WI for 118-H-2	1/11/2010	1/14/2010
RL Sign Rev. 0 WI for 118-H-4	1/11/2010	1/14/2010
RL Sign Rev. 0 WI for 100-H-49	1/11/2010	1/14/2010
RL Sign Rev. 0 Closure Document for 128-H-2	1/11/2010	1/18/2010
RL Sign Rev. 0 Closure Document for 128-H-3	1/11/2010	1/18/2010
RL Review Draft A WI for 100-H-53	1/11/2010	2/24/2010
RL Review Draft A WI for 118-D-6:4	1/13/2010	2/26/2010
RL Sign Rev. 0 WI for 628-3	1/14/2010	1/21/2010
RL Sign Rev. 0 Closure Document for 1607-D2:2	1/14/2010	1/21/2010
RL Sign Rev. 0 Closure Document for 118-DR-1	1/14/2010	1/21/2010
RL Review Draft A WI for 118-H-1:1	1/18/2010	3/3/2010
RL Draft A Closure Document for 100-H-47	1/18/2010	3/3/2010
RL Sign Rev. 0 Closure Document for 116-DR-8	1/25/2010	1/28/2010
RL Review Draft A Closure Document for 100-B-21:4	1/26/2010	3/11/2010
RL Review Draft A WI for 333 ESHWSA	2/1/2010	3/17/2010
RL Review Draft A Closure Document for 100-B-28	2/1/2010	3/17/2010
RL Review Draft A Work Instruction for 300-256	2/1/2010	3/17/2010
RL Sign Rev. 0 WI for 116-DR-5	2/1/2010	2/4/2010
RL Sign Rev. 0 Closure Document for 100-H-55	2/1/2010	2/4/2010
RL Review Draft A WI for 118-D-1	2/1/2010	3/17/2010
RL Review Draft A WI for 333 WSTF	2/1/2010	3/17/2010
RL Review Draft A 100-H-51:4 WI	2/2/2010	3/18/2010
RL Review Draft A WI for 116-H-5	2/3/2010	3/19/2010
RL Review Draft A Closure Document for 100-H-28:7	2/3/2010	3/22/2010
RL Review Draft A Closure Document for 100-D-30	2/4/2010	3/20/2010

**RIVER CORRIDOR CLOSURE PROJECT**  
**FIELD REMEDIATION CLOSURE PROJECT**  
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**GFS/I Actions: (cont'd)**

Activity	Planned Submittal Date to RL	Requested Return Date from RL
RL Review Draft A WI for 100-H-37	2/8/2010	3/24/2010
RL Review Draft A Closure Document for 100-D-15	2/8/2010	3/24/2010
RL Review Draft A WI for 303-M SA	2/11/2010	3/17/2010
RL Review Draft A WI for 618-1 (& Misc Sites)	2/11/2010	3/17/2010
RL Review Draft A WI for 118-H-6:5	2/16/2010	4/1/2010
RL Review Draft A WI for 118-D-3	2/16/2010	4/1/2010
RL Review Draft A WI for 1607-H3	2/16/2010	4/1/2010
RL Review Draft A Closure Document for 100-H-39	2/16/2010	4/1/2010
RL Review Draft A WI for 1607-H1	2/16/2010	4/1/2010
RL Sign Rev. 0 Closure Document for 100-B-27	2/17/2010	2/24/2010
RL Review Draft A Closure Document for 100-B-22:2	2/22/2010	4/7/2010
RL Review Draft A WI for 100-D-31:7	2/22/2010	4/7/2010
RL Review Draft A 100-H-51:3 WI	2/23/2010	4/8/2010
RL Sign Rev. 0 100-H-36 Closure Document	2/23/2010	3/1/2010
RL Review Draft A WI for 128-H-1	3/1/2010	4/14/2010
RL Review Draft A WI for 100-D-31:3/4	3/1/2010	4/14/2010
RL Review Draft A WI for 100-H-50	3/1/2010	4/14/2010
RL Sign Rev. 0 Closure Document for 100-D-29	3/2/2010	3/9/2010
RL Sign Rev. 0 Closure Document for 100-D-56:2	3/2/2010	3/9/2010
RL Sign Rev. 0 Closure Document for 100-D-56:1	3/2/2010	3/9/2010
RL Review Draft A Closure Document for 100-H-45	3/2/2010	4/14/2010
RL Sign Rev. 0 Closure Document for 600-152	3/2/2010	3/8/2010
RL Review 100-N Bid	3/2/2010	4/2/2010
RL Review Draft A WI for 100-H-3	3/4/2010	3/31/2010
RL Review Rev. 0 WI for 100-D-1	3/8/2010	4/21/2010
RL Review Draft A Closure Document for 100-H-40	3/8/2010	4/21/2010
RL Review Draft A Closure Document for 116-D-8	3/8/2010	4/21/2010
RL Sign Rev. 0 Closure Document for 118-D-4	3/8/2010	3/11/2010
RL Sign Rev. 0 Closure Document for 116-H-9	3/8/2010	3/11/2010
RL Review Draft A WI 100-N Misc Pipe 3	3/9/2010	4/21/2010
RL Review Draft A WI 100-N Misc Pipe 4	3/9/2010	4/21/2010
RL Review Draft A WI 100-N Misc Pipe 1	3/9/2010	4/21/2010
RL Review Draft A WI 100-N Misc Pipe 2	3/9/2010	4/21/2010
RL Sign Rev. 0 Closure Document for 100-B-25	3/9/2010	3/15/2010
RL Sign Rev. 0 Closure Document for 100-B-32	3/9/2010	3/15/2010
RL Review Draft A WI for 100-H-4	3/15/2010	4/8/2010
RL Sign Rev. 0 WI for 600-29	3/15/2010	3/18/2010
RL Sign Rev. 0 Closure Document for 116-D-10	3/16/2010	3/22/2010
RL Review Draft A WI for 126-H-2	3/18/2010	5/1/2010
RL Sign Rev. 0 WI for 100-H-53	3/18/2010	3/24/2010
RL Sign Rev. 0 WI for 118-D-6:4	3/22/2010	3/25/2010
RL Sign Rev. 0 Closure Document for 100-B-31	3/22/2010	3/25/2010
RL Sign Rev. 0 Closure Document for 100-D-42	3/22/2010	3/25/2010
RL Sign Rev. 0 Closure Document for 100-D-45	3/22/2010	3/25/2010
RL Sign Rev. 0 Closure Document for 100-D-43	3/22/2010	3/25/2010
RL Sign Rev. 0 Closure Document for UPR-100-D-5	3/23/2010	3/29/2010
RL Review Draft A Closure Document for 116-D-5	3/23/2010	5/4/2010
RL Sign Rev. 0 WI for 118-H-1:1	3/25/2010	3/31/2010
RL Review Draft A Closure Document for 126-D-2	3/29/2010	5/12/2010

**REGULATORY INTERACTIONS:**

Require regulator support to meet activities/due dates identified in above GFS/I table.

**RIVER CORRIDOR CLOSURE PROJECT  
WASTE OPERATIONS PROJECT**  
December 2009 Monthly Report



**SAFETY:**

Inception to Date: 24 first aids; 4 recordable-only; 1 lost restricted  
FYTD: None  
Current Month: None

**ACCOMPLISHMENTS:**

***Waste Operations (WO)***

- Received and disposed 72,212 tons of waste (61,193 tons WCH, 11,019 tons OHC) at ERDF during December bringing the total to 2,795,662 tons disposed since WCH assumed River Corridor cleanup responsibilities on 8/27/05.
- Disposed an average of 213 containers per day during December.
- Finished revegetation of Cells 3/4 interim cover.

***Other Hanford Contractors (OHC)***

- Transported and disposed 251 roll-on/roll-off (RO/RO) containers for CHPRC.
- Disposed 294 shipments of waste from super dumps for CHPRC.
- Accepted and disposed 12 loads of drums, compacted drums, and special handled waste from various CHPRC projects.
- Transported and disposed of 1 RO/RO container from PNNL.
- Accepted and disposed 11 loads of drums, compacted drums, and special handled waste from WRPS Tank Farms.
- CHPRC currently has ~190 "P" series RO/RO containers in service.

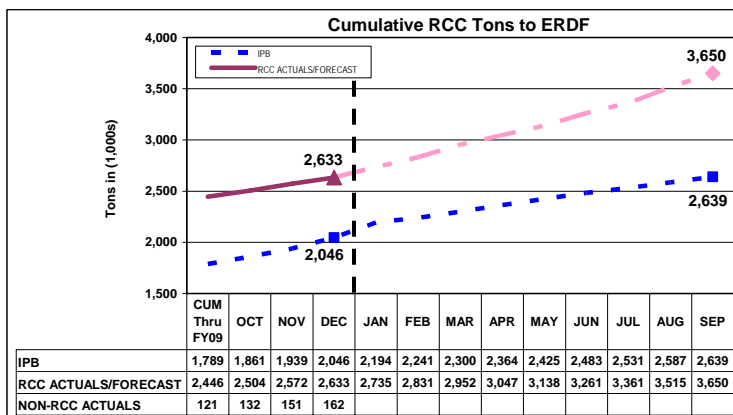


Excavation of ERDF Super Cell 9

***ARRA - Super Cells 9/10 Construction / ERDF Upgrades***

- Excavated ~ 1,615,528 cubic yards (CY) of the estimated 1,700,000 CY for Super Cell 9 as of 12/31/09 (includes ~ 263,913 CY stockpile removal).
- Received RL conditional approval for design of Super Cells 9/10.
- Submitted procurement package for construction of ERDF Super Cell 9 (remainder) and Super Cell 10 for RL concurrence.
- Received 10 of 10 disposal shuttle trucks.
- Received 150 of 150 new containers.
- Received 1 water truck.

**WASTE OPERATIONS METRICS:**



**Waste Received at ERDF  
(Data through December 27, 2009)**

Projects Shipped	Quantities in U.S. Tons		
	Month Ending	Fiscal Year 2010	Since Beginning of Contract
100 BC	0	0	288,267
100 D	44,309	127,444	898,694
100 F	0	0	406,254
100 H	5,770	26,682	252,469
100 K	1,987	1,987	176,280
100 N	0	0	16,042
300 Area	4,775	16,987	378,846
600 Area	0	0	9,168
RCC Other	0	67	376.3
RCC D4 - 100 Area	2,953	8,935	146,185.7
RCC D4 - 300 Area	1,399	4,848	60,795.9
OHC	11,019	41,485	162,284
<b>Total FR</b>	<b>56,841</b>	<b>173,100</b>	<b>2,426,020</b>
<b>Total D4</b>	<b>4,352</b>	<b>13,783</b>	<b>206,982</b>
<b>Total RCC</b>	<b>61,193</b>	<b>186,950</b>	<b>2,633,378</b>
<b>Total All Sources</b>	<b>72,212</b>	<b>228,435</b>	<b>2,795,662</b>
<b>Total Tons Since August 27, 2005 =</b>			<b>2,795,662</b>
<b>Grand Total of ERDF Tons Since July 1, 1996 =</b>			<b>8,847,873</b>

**PERFORMANCE MILESTONES:**

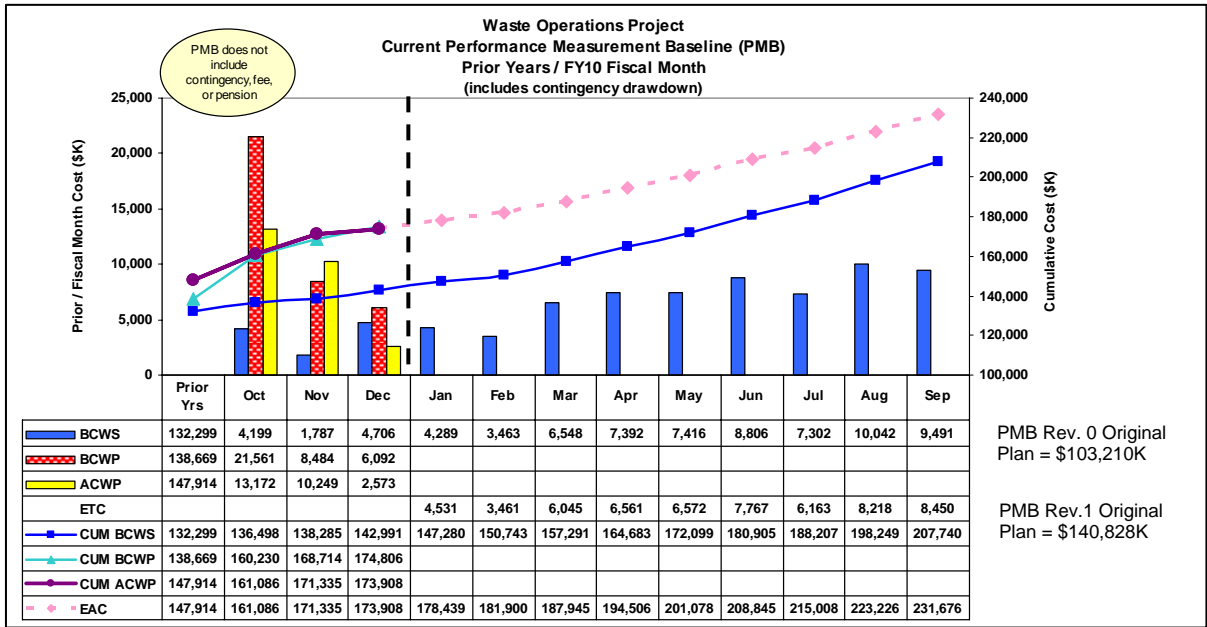
Waste Operations Project prior-year performance milestones were completed ahead of schedule. There are no FY10/11 performance milestones for Waste Operations Project.

# RIVER CORRIDOR CLOSURE PROJECT WASTE OPERATIONS PROJECT

December 2009 Monthly Report



## TARGET COST STATUS:

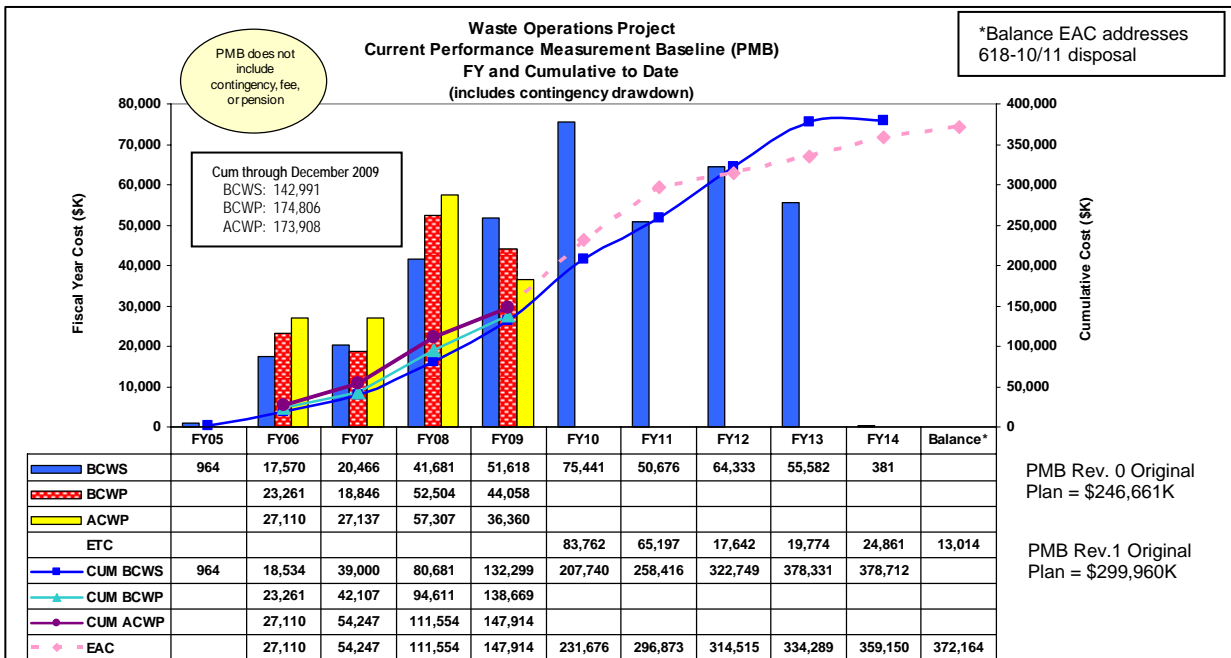
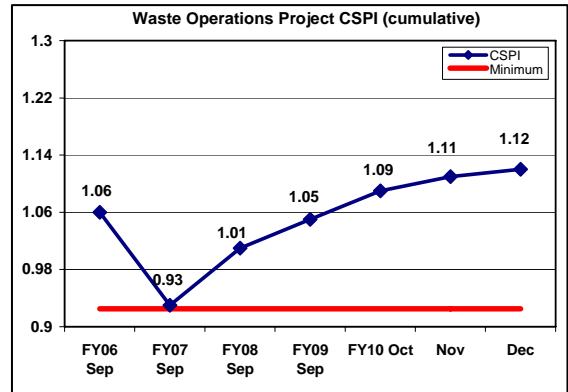


### Schedule Variance: \$31,815K; 22.2%

- Transportation, treatment, and disposal support to accelerated work in FR and D4 Projects.

### Cost Variance: \$897K; 0.5%

- Costs have been less than planned due to efficiencies achieved in waste treatment, transportation, and construction. These efficiencies and increased waste volumes have more than offset cost overruns in direct project support.



RIVER CORRIDOR CLOSURE PROJECT  
WASTE OPERATIONS PROJECT  
December 2009 Monthly Report



**ISSUES:**

None during this reporting period.

**90-DAY LOOK AHEAD:**

**Major Activities:**

***Waste Operations***

- Add 8 additional truck and pup units to accelerate 100-D Area remediation (January).
- Start truck and pup transportation for 100-IU-2/6 (March).

***ARRA - Super Cells 9/10 Construction / ERDF Upgrades***

- Finish excavation of Super Cell 9 (January).
- Award construction quality assurance (CQA) contract (January).
- Award bid to construct Super Cells 9/10 (February).
- Issue design/build RFP for Container, Equipment, and Truck Maintenance Facilities (January).
- Complete installation of new scale (January).
- Award contract for design of Fueling Station and Septic System (February).
- Complete Hanford road improvements – Route 1 and Federal Avenue (March).
- Complete road paving – ERDF back gate to Route 3 (March).

**GFS/I Actions:**

Activity	Planned Submittal Date to RL	Requested Return Date from RL
RL Approve Super Cells 9/10 Construction Package	12/10/2009 (A)	2/3/2010

**REGULATORY INTERACTIONS:**

Items are addressed during Waste Operations and RL/regulator weekly interface meetings.

**RIVER CORRIDOR CLOSURE PROJECT**  
**END STATE AND FINAL CLOSURE PROJECT**  
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**SAFETY:**

There have been no first aid, recordable, restricted, or lost away incidents experienced within the End State and Final Closure Project since project inception (August 2005).

**ACCOMPLISHMENTS:**

***Risk Assessment***

- Remedial Investigation (RI) of Hanford Site Releases to the Columbia River.
  - Completed indicator contaminant screening Phase IIb fieldwork for the groundwater upwelling surveys using the Trident Probe technology. A total of 228 of 231 planned Phase IIb samples were collected with the remainder to be addressed as part of Phase III activities. Completed briefings with RL and the regulators to identify locations for Phase III characterization activities at 100-H, 100-D, and 100-K Areas.
  - Completed collection of sucker via electrofishing. Continued fishing activities for carp and walleye; 96 of 100 and 63 of 100 collected, respectively.
- River Corridor Baseline Risk Assessment (RCBRA) - Source and Groundwater Components.
  - Received RL comments from pre-concurrence review of Volume 2 (human health) of the *River Corridor Baseline Risk Assessment Report* (DOE/RL-2007-21, Draft B). Developed responses to comments and a revised outline for Volume 2 that reflects RL comments.
  - Continued development and re-evaluation of RCBRA report sections to respond to RL comments and reflect updated outlines. Continued work with CHPRC to develop a common set of Ecological Preliminary Remediation Goals (Eco PRGs) for the River Corridor and Central Plateau projects.
  - Met with RL to establish schedule and RL review approach during the RCBRA report development process.

***Groundwater Integration***

- Continued 100 Area Integrated Work Plan Ecology/EPA comment resolution and revision to Rev. 0.
- Continued Ecology comment resolution and revision of 100-D/H Addendum and SAP to Rev. 0.
- Continued implementation of the 100-K SAP (spatial/temporal groundwater samples collected and analyzed).
- Completed EPA review of Draft A 100-B/C Addendum and SAP. Initiated comment resolution and document revision to Rev. 0.
- Completed EPA review of Draft A 100-F/100-IU-2/100-IU-6 Addendum and SAP. Initiated comment resolution and document revision to Rev. 0.
- Completed EPA review of Draft A 300 Area Work Plan and SAP. Initiated comment resolution and document revision to Rev. 0.
- Initiated Ecology review of Draft A of the 100-N Addendum and SAP.

***Orphan Sites Evaluation (OSE)***

- Issued the *100-N Area Orphan Sites Evaluation Report*, Rev. 0 (OSR-2009-0001) on 12/22/09.
- Submitted Draft A version of the *Inter-Areas Segment 1 Orphan Sites Evaluation Summary Report* to RL for review and subsequent transmittal to EPA for review.
- Completed the gap analysis phases for the 300-FF-2 and Inter-Areas Segment 2 evaluations; in process of completing the briefing meetings.
- Limited field investigation phase for the 400 Area orphan site evaluations due to weather.
- Initiated the historical review phase for Inter-Areas Segment 3 including reviewing the aerial photography.

**TPA MILESTONES / PERFORMANCE MILESTONES:**

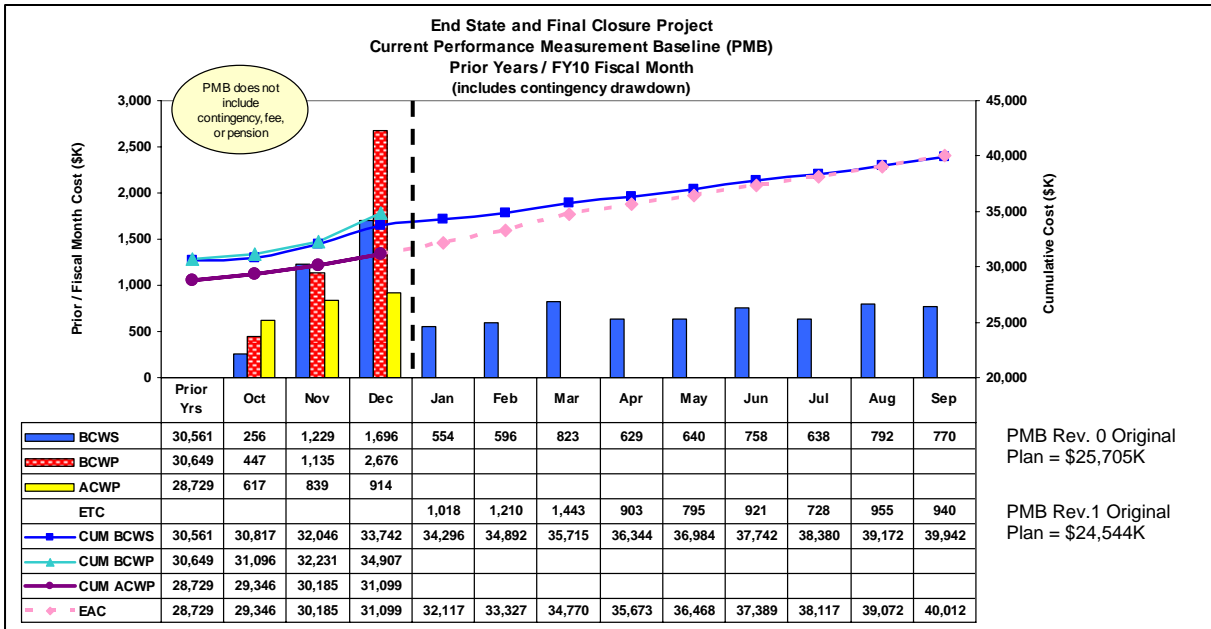
To date, four End State and Final Closure Project TPA milestones were completed on (2) or ahead of schedule (2). There are no FY10/11 TPA or performance milestones for End State and Final Closure Project.

# RIVER CORRIDOR CLOSURE PROJECT END STATE AND FINAL CLOSURE PROJECT

December 2009 Monthly Report



## TARGET COST STATUS:

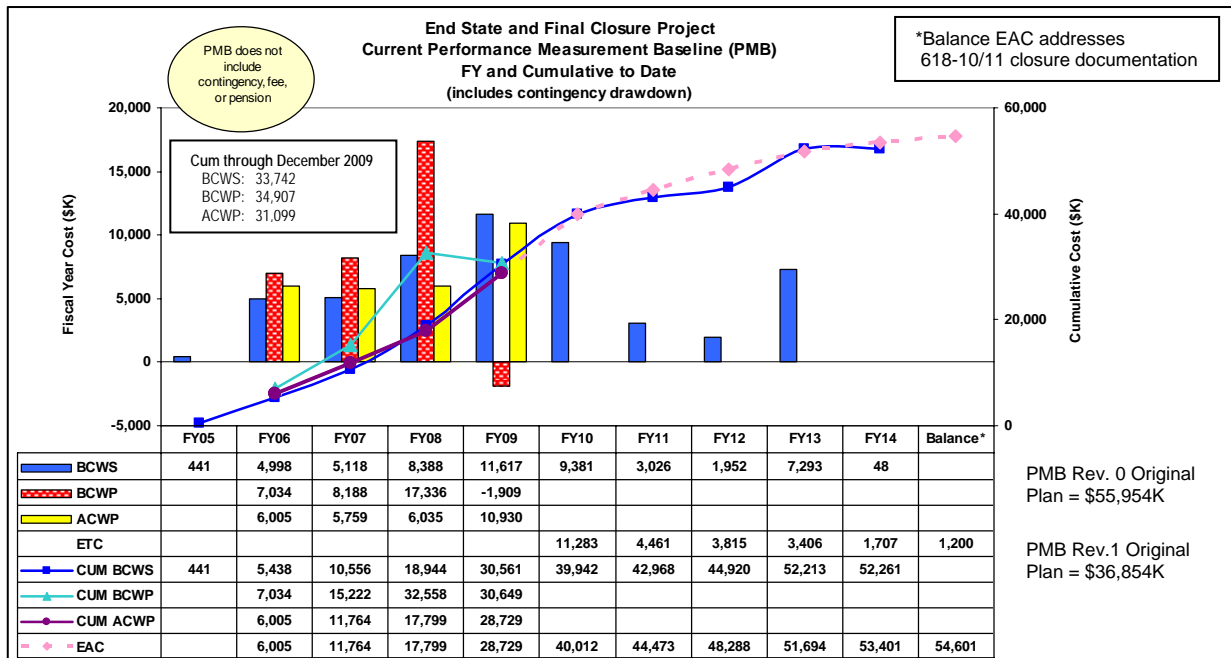
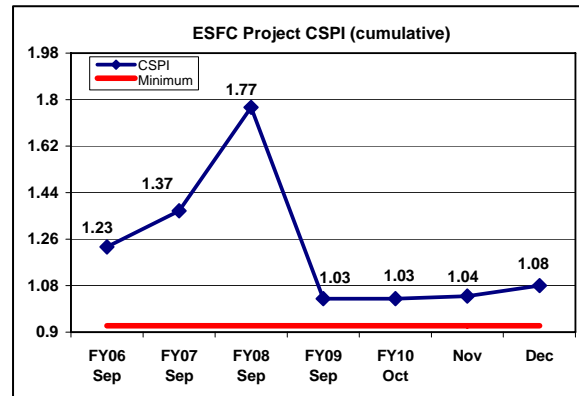


### Schedule Variance: \$1,165K; 3.5%

- Acceleration of orphan site evaluations, the Inter-Areas flight surveys, and completion of groundwater upwelling Phase IIb sampling contribute to positive variance.

### Cost Variance: \$3,808K; 10.9%

- Efficiencies realized during the performance of the orphan sites evaluation and Inter-Areas flight surveys.
- Efficiencies realized during the preparation of the draft long-term stewardship report.
- Efficiencies realized during Inter-Areas sampling and evaluation.



**RIVER CORRIDOR CLOSURE PROJECT**  
**END STATE AND FINAL CLOSURE PROJECT**  
 December 2009 Monthly Report



**ISSUES:**

None for this reporting period.

**90-DAY LOOK AHEAD:**

**Major Activities:**

***Risk Assessment***

- Deliver Draft B of the RCBRA report ecological and human health volumes to RL for submittal to the regulators for review (March).
- Complete Phase III groundwater upwelling characterization activities using Trident Probe technology (January-March).
- Complete fish collection activities for carp and walleye to support the remedial investigation for Hanford Site releases to the Columbia River (January-March).

***Groundwater Integration***

- Issue Rev. 0 of the 100 Area Integrated Work Plan (January).
- Issue Rev. 0 of the 100-K Addendum (January; contingent upon Rev. 0 completion of the 100 Area Integrated Work Plan).
- Complete revisions and issue Rev. 0 of the 100-D/H Addendum and SAP (January-February).
- Resolve EPA comments and issue Rev. 0 of the 100-B/C Addendum, the 100-F/100-IU-2/100-IU-6 Addendum, and their respective SAPs (February).
- Initiate RI/FS field investigation activities for new well/borehole drilling and sampling at 100-K, 100-B/C, and 100-D/H Areas (March).
- Resolve EPA comments and issue Rev. 0 of the 300 Area Work Plan and SAP (January-February).
- Receive Ecology comments on the Draft A 100-N Addendum and SAP, and initiate document revisions (February-March).

***Orphan Sites Evaluation***

- Complete briefings on the 300-FF-2 operable unit (OU) and Inter-Areas Segment 2 orphan sites evaluations (January).
- Initiate the drafting of the 300-FF-2 OU and Inter-Areas Segment 2 orphan site evaluation reports (January-March).
- Complete the field investigation phase for the 400 Area orphan site evaluation (January - weather dependent).
- Incorporate RL and EPA review comments on the draft Inter-Areas Segment 1 report (January-February).

***Long-Term Stewardship (LTS)***

- Continue working with MSA on site-wide LTS issues including providing input regarding the transition from cleanup to LTS criteria for the draft Hanford Site LTS Management Plan (January-March).

**GFS/I Actions:**

Activity	Planned Submittal Date to RL	Requested Return Date from RL
RL Review Draft A <i>Inter-Areas Segment 1 Orphan Sites Evaluation Report</i>	12/9/2009 (A)	1/23/2010

**REGULATORY INTERACTIONS:**

Require regulator support to meet activity/due date identified in above GFS/I table.

**RIVER CORRIDOR CLOSURE PROJECT**  
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**SAFETY:**

Inception to Date: 8 first aids; 2 recordable-only  
FYTD: None  
Current Month: None

**ACCOMPLISHMENTS:**

***Engineering Services***

- Conducted assessment of implementation of 118-K-1 Burial Ground safety basis requirements and unresolved safety questions (USQ) process.
- Revised Pro Forma Exhibit K document and updated submittal documents.
- Assisted in the performance of the 336 building mid-point assessment.
- Completed all activities associated with the Conduct of Operations (ConOps) Excellence/Safety Ownership Program (SOP) initiative with more than 500 people earning final awards.
- Finalized Shuttle Truck Safe Cable Management video and established WCH Training Course 105538.

***Safety, Health, and Quality***

- Completed and documented corrective actions in response to the opportunities for improvement identified in DOE Voluntary Protection Program (VPP) report.
- Assisted WRPS in a VPP assessment.
- Successfully tested, implemented, and activated the new text messaging system which allows WCH to quickly inform employees of changes in site conditions.
- Completed Occupational Medicine Program assessment.

***Project Integration***

- Continued negotiation process of existing Requests for Equitable Adjustment (REAs).
- Continued work on the Deductive Change Proposal for 100-K and 300 Area.

***Project Services***

- Received 5 contract modifications this month:
  - 154 - Updated Table B.2 and Attachment J-1 contract sections to reflect negotiated dollar amounts and workscope baseline definitized in Contract Modification 142 for WCH-339, Rev. 1, ARRA Phase 1.
  - 159 - Received notice to proceed (NTP) with additional not to exceed (NTE) of \$5,400,000 for 300 Area utility upgrades (REA-019).
  - 160 - Received incremental funding increase of \$18,000,000.
  - 161 - Received NTP with additional NTE of \$464,000 for remediation of two failed confirmatory waste sites at 100-H area (REA-061).
  - 162 - Received NTP with additional NTE of \$500,000 to support remedial investigation of Hanford Site release to the Columbia River (REA-036).
- Updated IT documents, including BSC-1-6.5, "WCH Software" procedure; WCH-186, System Configuration Management Plan; and WCH-192, Software Quality Assurance Program Plan; to address findings identified during an internal audit.
- Donated fall protection equipment purchased by WCH to the HAMMER facility.
- Completed and implemented the Document Management System replacement.

***Environmental Protection***

- Prepared the TPA quarterly milestone report for RL.
- Updated shipping documentation to support upcoming waste shipments (gloveboxes) to Perma-Fix; RL reviewing documentation.

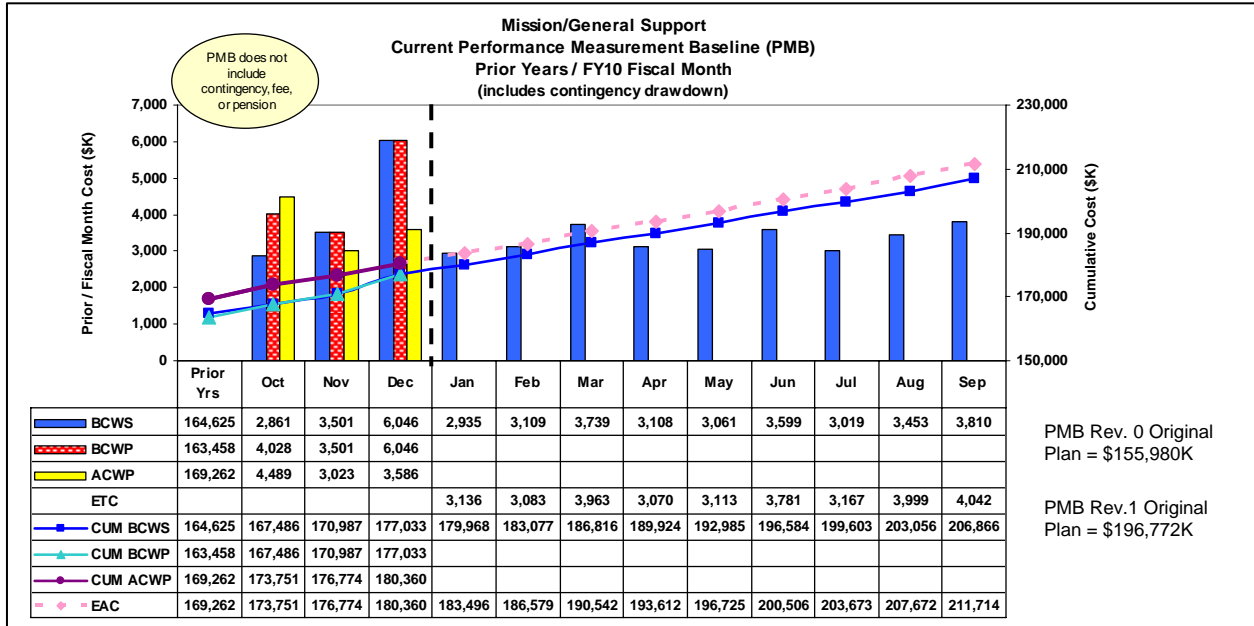
***ARRA - Support***

- Completed internal audit of ARRA internal controls.
- Responded to DCAA questions regarding Phase 2 ARRA proposal scope.

**RIVER CORRIDOR CLOSURE PROJECT  
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**TARGET COST STATUS:**

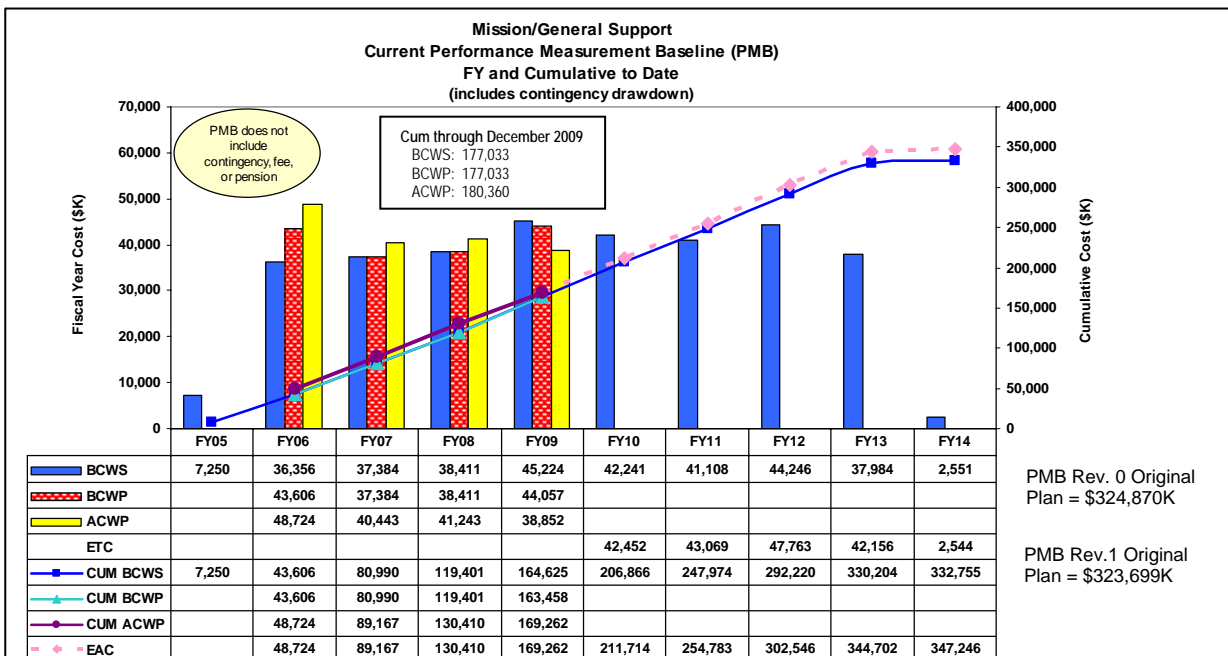
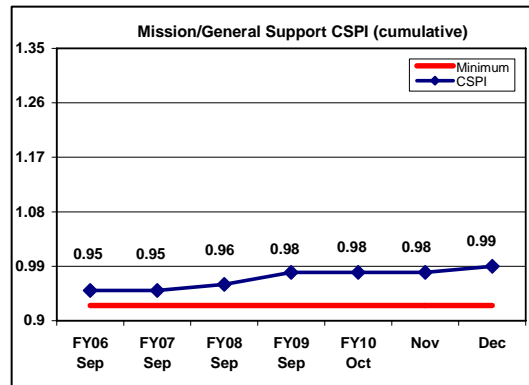


**Schedule Variance: \$0K; 0%**

- N/A

**Cost Variance: (\$3,328K); (1.9%)**

- RadCon and Environmental Protection services greater than planned.
- Increased Employee Concerns Program, conduct of operations, and regulatory interface resources.



**RIVER CORRIDOR CLOSURE PROJECT**  
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**ISSUES:**

None for this reporting period.

**90-DAY LOOK AHEAD:**

**Major Activities:**

***Engineering Services***

- Conduct assessment of ERDF Super Cells 9/10 to assess the cell design subcontractor's compliance with design-related requirements incorporated into the subcontract (January).
- Conduct assessment of ERDF Safety Basis requirements and Final Hazard Categorization evaluation process (January).
- Conduct ConOps 1st quarter FY10 rollup surveillance for October-December (January).
- Meet with WRPS structural engineering lead to compare design criteria (January).
- Prepare engineering guide and form for use in structural condition assessment of existing buildings (January-March).
- Update WCH-56, General Design Criteria for River Corridor Closure (March).

***Safety, Health, and Quality***

- Initiate fall safety campaign to include observations, injury/illness severity reduction (SHIP initiative) and personal safety commitments through the SOP personal safety plans (January).
- Participate in the development and review of the site-wide respiratory protection program (January).
- Revise radiation protection program to incorporate new dosimetry system mandated by 10 CFR 835 revision (January).
- Assist CHPRC in a VPP assessment (January).
- Develop corrective action plans in response to DOE Integrated Work Control Program (IWCP)/ConOps surveillance (January).
- Participate in the biennial DOE security survey (January).
- Perform Type B action item mid-point effectiveness assessment (January).
- Continue "Picture This" safety observation campaign (January-February).
- Participate in the development and review of the site-wide fall protection program (January-March).
- Implement Chronic Beryllium Disease Prevention Program plan (January-March).
- Initiate a top to bottom internal S&H procedure review (January-March).
- Implement the revised Stop Work Policy (February).
- Submit WCH annual VPP report (February).

***Project Integration***

- Continue negotiation process of existing REAs (ongoing).

***Project Services***

- Provide ongoing support and responses to DCAA audits: FY07 incurred costs; FY08 incurred costs; MAAR 13 – Purchase Existence and Consumption; Billing System; Accounting System; IT System; P-Card process; Purchasing System, CAS 404 - Capitalization of Tangible Assets, and CAS 409 – Depreciation of Tangible Assets (ongoing).
- Complete Payroll internal audit (January).
- Submit annual Compensation Increase Plan request to RL for approval (January).
- Submit Quarterly Conference Attendance Report to RL (January).
- Begin implementation of new DOE cyber security requirements: Program Security Plan, Version 1.2, and Program Cyber Security Plan, Version 1.2 (January).
- Assist with modification of Fitness for Duty procedure (January).
- Complete Incentive Pay internal audit (February).
- Submit Contractor Wage Increase Expenditure Report to RL (February).
- Complete 2010 Affirmative Action Plan (February).
- Complete e-Verify process for all current employees (February).
- Develop REA for the implementation of DOE O 200.1A, Information Technology Management (February).
- Complete Subcontract Administration internal audit (March).

***Environmental Protection***

- Conduct 100/300 Area Unit Managers Meetings with EPA, Ecology, and RL: 1/14/10, 2/11/10, and 3/11/10.
- Obtain RL and Ecology approval of TPA milestone change package for modifying the scope of M-16-47 at 100-D Area (January).

***ARRA - Support***

- Submit proposed performance measurement baseline for the ARRA Phase 2 Technical and Cost proposal (February).
- Incorporate Phase 2 ARRA proposal scope into the 2015 Vision planning (March).
- Submit ARRA quarterly report to federalreporting.gov (January).
- Complete ARRA Phase 2 negotiations and receive executed contract modifications (March).

**RIVER CORRIDOR CLOSURE PROJECT**  
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**90-DAY LOOK AHEAD: (CONT'D)**

**GFS/I Actions:**

Activity	Planned Submittal Date to RL	Requested Return Date from RL
<b>ENGINEERING SERVICES</b>		
Approve Quarterly Startup Notification Report - Nov 2009	12/3/2009 (A)	1/4/2010
Approve Quarterly Startup Notification Report - Feb 2010	2/25/2010	3/25/2010
<b>PROJECT INTEGRATION</b>		
Issue Contract Mod for WCH-REA-005R1 DOE CRD O 151.1C Comprehensive Emergency Management System	5/5/2009 (A)	6/5/2009
<b>PROJECT SERVICES</b>		
Provide Acceptance of Incurred Cost Report for FY07 (CCN 138627)	3/25/2008 (A)	12/31/2009
Approve FY10 Payroll Additive Rate (CCN 145542)	7/13/2009 (A)	10/15/2009
Approve RCCC FY10 Labor Rates	8/6/2009 (A)	10/15/2009
Approve 2010 Incentive Compensation Plan	11/24/2009 (A)	12/24/2009
Approve 2010 Compensation Increase Plan	1/15/2010	2/14/2010
Pay WCH Quarterly Interim Fee Payment Request (through December 2009)	1/27/2010	2/26/2010
Extend/Initiate 2 <sup>nd</sup> Year Option Year Under Current Banking Contract (expired 6/30/09)	N/A	10/31/2009
<b>ARRA - SUPPORT</b>		
Provide Final Approval of FY09 Direct Cost Allocation Rates (CCN 144370)	7/21/2009 (A)	10/31/2009
Approve FY10 ARRA Rates (CCN 145739)	7/30/2009 (A)	10/15/2009
Provide Provisional Approval of WCH Disclosure Statement Rev. 3b (CCN 147011)	10/12/2009 (A)	11/13/2009
Approve Revised Disclosure Statement (ARRA Rates)	10/12/2009 (A)	12/31/2009
Provide Final Approval of WCH Disclosure Statement Rev. 3b (CCN 147011)	10/12/2009 (A)	1/15/2010

# RIVER CORRIDOR PROJECT INTEGRATED PROJECT BASELINE WBS LEVEL 5 (COST ACCOUNT) SUMMARY

## CLIN(s) 1, 2, 3, 4

### COST PERFORMANCE REPORT (CPR)

WBS Level 2, 5		DESCRIPTION		(\$ IN THOUSANDS)																		
				CURRENT PERIOD					INCEPTION-TO-DATE								AT COMPLETION					
				BUDGETED COST OF		ACTUAL COST WORK PERF	VARIANCE		BUDGETED COST OF		* SPI	% CMLPT	ACTUAL COST WORK PERF	VARIANCE		* CPI	* CSPI	ORIGINAL BAC (IPB Rev.1)	CURRENT BAC	CURRENT BAC DELTA	EAC	VAC
				WORK SCHED	WORK PERF		SCHED	COST	WORK SCHED	WORK PERF				SCHED	COST							
<b>RCC Project Costs</b>																						
<b>RCC Project Target Costs</b>																						
<b>Performance Measurement Baseline</b>																						
<b>PMB (DB) Excluding K Area/CLIN 3</b>																						
<b>Base Scope</b>																						
1.01.01.01.07 D4-Buildings-100 B/C Area	0	0	0	0	0	0	0	0.0%	0	0	0			516	516	0	502	14				
1.01.01.01.08 D4-Remaining Facilities-100 B/C Ar	0	4	0	4	4	0	199	27.0%	33	199	166	6.09	6.09	736	736	0	543	194				
1.01.01.02.07 D4-Buildings-100 D Area	0	0	9	0	(9)	192	264	1.37	45.0%	82	71	181	3.21	2.29	586	586	0	400	186			
1.01.01.02.08 D4 – Remaining Facilities – 100-D A	0	17	13	17	4	0	35	30.7%	30	35	5	1.18	1.18	0	115	115	116	(1)				
1.01.01.02.10 D4-Retention Basins-100 D Area	0	2	1	2	1	0	846	82.7%	1	846	845	891.32	891.32	1,023	1,023	0	164	859				
1.01.01.03.07 D4-Buildings-100 F Area	0	0	(2)	0	2	0	1,098	99.4%	160	1,098	939	6.88	6.88	1,033	1,105	72	160	946				
1.01.01.04.07 D4-Buildings-100 H Area	0	0	0	0	0	0	0	0.0%	0	0	0			14	14	0	0	14				
1.01.01.04.10 D4-Retention Basins-100 H Area	0	6	0	6	6	0	102	12.0%	11	102	90	8.90	8.90	846	846	0	877	(31)				
1.01.01.05.07 D4-Buildings-100 K Area	0	0	0	0	0	682	704	1.03	100.0%	521	22	183	1.35	1.19	704	704	0	521	183			
1.01.01.05.08 D4-Remaining Facilities-100 K Area	0	0	0	0	0	0	0	100.0%	0	0	0	1.03	1.03	0	0	0	0	0				
1.01.01.05.10 D4-Retention Basins-100 K Area	0	0	0	0	0	0	20	100.0%	20	20	0	1.00	1.00	20	20	0	20	0				
1.01.01.06.07 D4-Buildings-100 N Area	1	15	159	14	(144)	6,946	17,623	2.54	85.1%	20,853	10,677	(3,230)	0.85	1.69	18,101	20,712	2,611	26,461	(5,749)			
1.01.01.06.08 D4-Remaining Facilities-100 N Area	0	19	260	19	(241)	1,202	4,962	4.13	74.9%	4,538	3,760	424	1.09	2.61	6,593	6,629	35	7,579	(951)			
1.01.01.06.10 D4-Retention Basins-100 N Area	0	0	0	0	0	0	1,985	300.00	87.7%	1,039	1,985	946	1.91	160.00	2,263	2,263	0	1,621	642			
1.01.01.07.07 D4-Buildings-100 A Remaining Sites	0	0	0	0	0	0	0	0.0%	0	0	0			606	606	0	606	0				
1.01.01.75.25 D4-Non-Site Specific Support-100 A	33	60	220	27	(160)	9,485	8,800	0.93	77.5%	10,007	(685)	(1,207)	0.88	0.90	11,291	11,349	57	17,389	(6,040)			
1.01.03.01.07 D4-Buildings-324 Building	1,768	1,275	143	(492)	1,132	21,517	12,349	0.57	49.1%	5,230	(9,168)	7,119	2.36	1.47	23,959	25,166	1,207	47,756	(22,590)			
1.01.03.01.08 D4-Remaining Facilities-324 Buildin	31	0	0	(31)	0	93	0	0.00	0.0%	0	(93)	0	0.00	173	173	0	1,232	(1,059)				
1.01.03.02.07 D4-Buildings-327 Building	780	48	326	(732)	(278)	16,702	14,442	0.86	84.2%	13,101	(2,259)	1,341	1.10	0.98	13,327	17,162	3,835	18,073	(911)			
1.01.03.75.25 D4-Non Site Specific Support 324/3	144	0	115	(144)	(115)	12,086	8,987	0.74	66.6%	8,775	(3,099)	212	1.02	0.88	13,485	13,485	0	26,888	(13,404)			
1.01.04.01.07 D4-Buildings-300 Area Sites	560	299	328	(261)	(29)	38,668	69,964	1.81	40.5%	18,804	31,295	51,159	3.72	2.76	172,812	172,812	0	106,067	66,745			
1.01.04.01.08 D4-Remaining Facilities-300 Area Si	0	0	0	0	0	67	136	2.04	32.0%	7	69	129	19.97	11.00	425	425	0	240	185			
1.01.04.01.10 D4-Retention Basins-300 Area Sites	0	0	0	0	0	0	0	0.0%	0	0	0			238	238	0	368	(130)				
1.01.04.75.25 D4-Non Site Specific Support-300 Ar	577	260	407	(318)	(147)	13,539	16,975	1.25	39.3%	20,841	3,436	(3,867)	0.81	1.03	43,209	43,209	0	35,778	7,432			
1.01.05.01.07 D4-Buildings 400 Area	0	0	0	0	0	0	124	1.9%	0	124	124			6,416	6,416	0	5,445	971				
1.01.05.75.25 D4-Non-Site Specific Support-400 A	0	0	2	0	(2)	0	39	1.9%	53	39	(14)	0.74	0.74	2,047	2,047	0	2,072	(25)				
1.01.06.01.11 D4-100 Area S&M	93	93	65	0	28	4,694	4,694	1.00	60.3%	2,661	0	2,034	1.76	1.38	7,784	7,784	0	3,775	4,008			
1.01.06.01.12 D4-200 Area S&M	13	13	0	0	13	650	650	1.00	50.9%	0	0	650	745.14	373.07	1,276	1,276	0	202	1,074			
1.01.06.01.13 D4-300 Area S&M	391	391	204	0	187	31,832	31,832	1.00	70.3%	15,084	0	16,749	2.11	1.56	45,265	45,265	0	22,093	23,172			
1.01.06.01.14 D4-400 Area S&M	11	11	0	0	11	535	535	1.00	58.1%	27	0	508	19.82	10.41	922	922	0	212	710			
1.01.06.01.15 D4-600 Area S&M	0	0	0	0	0	142	142	1.00	94.4%	51	0	90	2.77	1.88	150	150	0	77	73			
1.01.07.01.16 D4-100 Area Operate and Close Util	66	66	61	0	5	3,307	3,307	1.00	57.6%	5,069	0	(1,762)	0.65	0.83	5,737	5,737	0	8,152	(2,415)			
1.01.07.01.17 D4-200 Area Operate and Close Util	4	4	0	0	4	162	162	1.00	45.4%	111	0	51	1.46	1.23	356	356	0	262	95			
1.01.07.01.18 D4-300 Area Operate and Close Util	604	633	186	29	446	42,311	42,241	1.00	65.0%	18,611	(70)	23,631	2.27	1.63	57,922	64,953	7,031	34,285	30,668			
1.01.07.01.19 D4-400 Area Operate and Close Util	6	6	3	0	3	306	306	1.00	57.6%	63	0	243	4.83	2.92	531	531	0	413	119			
1.01.99.01.29 D4-Management and Support	1,503	890	2,272	(613)	(1,381)	49,755	75,927	1.53	53.5%	59,163	26,172	16,764	1.28	1.40	141,061	141,987	926	105,252	36,735			
<b>1.01 D4-D4 Closure Totals</b>	<b>6,586</b>	<b>4,112</b>	<b>4,773</b>	<b>(2,473)</b>	<b>(660)</b>	<b>254,875</b>	<b>319,450</b>	<b>1.25</b>	<b>53.5%</b>	<b>204,944</b>	<b>64,575</b>	<b>114,506</b>	<b>1.56</b>	<b>1.41</b>	<b>581,429</b>	<b>597,319</b>	<b>15,890</b>	<b>475,599</b>	<b>121,719</b>			
1.02.01.01.21 ISS-Interim Safe Storage-100 B/C Ar	85	38	50	(47)	(12)	85	98	1.15	0.8%	312	13	(214)	0.31	0.73	12,611	12,611	0	3,396	9,216			
1.02.02.01.21 ISS-Interim Safe Storage-100 H Are	0	0	0	0	0	1,441	1,441	1.00	100.0%	1,072	0	369	1.34	1.17	1,441	1,441	0	1,072	369			
1.02.03.01.21 ISS-Interim Safe Storage-100 K Are	0	0	0	0	0	578	578	1.00	100.0%	263	0	316	2.20	1.60	578	578	0	263	316			
1.02.04.01.21 ISS-Interim Safe Storage-100 N Are	856	419	1,448	(438)	(1,030)	33,999	33,942	1.00	63.5%	35,618	(56)	(1,675)	0.95	0.98	53,493	53,493	0	56,979	(3,486)			

# RIVER CORRIDOR PROJECT INTEGRATED PROJECT BASELINE WBS LEVEL 5 (COST ACCOUNT) SUMMARY

## CLIN(s) 1, 2, 3, 4

### COST PERFORMANCE REPORT (CPR)

WBS Level 2, 5		(\$ IN THOUSANDS)																			
		CURRENT PERIOD					INCEPTION-TO-DATE										AT COMPLETION				
		BUDGETED COST OF		ACTUAL COST	VARIANCE		BUDGETED COST OF		* SPI	% CMLPT	ACTUAL COST WORK PERF	VARIANCE		* CPI	* CSPI	ORIGINAL BAC (IPB Rev.1)	CURRENT BAC	CURRENT BAC DELTA	EAC	VAC	
		WORK SCHED	WORK PERF	WORK PERF	SCHED	COST	WORK SCHED	WORK PERF				SCHED	COST								
1.02.99.01.29 ISS-Management and Support		225	152	104	(73)	48	8,501	9,145	1.08	53.1%	4,007	644	5,138	2.28	1.68	17,208	17,208	0	12,043	5,165	
<b>1.02 ISS-Reactor ISS Closure Totals</b>		<b>1,167</b>	<b>608</b>	<b>1,602</b>	<b>(558)</b>	<b>(994)</b>	<b>44,604</b>	<b>45,204</b>	<b>1.01</b>	<b>53.0%</b>	<b>41,272</b>	<b>601</b>	<b>3,933</b>	<b>1.10</b>	<b>1.05</b>	<b>85,331</b>	<b>85,331</b>	<b>0</b>	<b>73,752</b>	<b>11,578</b>	
1.03.01.01.03 Fld. Rem.-Conf Sampling Sites-100		0	0	0	0	0	683	683	1.00	100.0%	62	0	621	10.95	5.98	683	683	0	62	621	
1.03.01.02.04 Fld. Rem.-Liquid Waste Sites-100-B		0	0	0	0	0	285	285	1.00	100.0%	39	0	247	7.36	4.18	285	285	0	39	247	
1.03.01.02.05 Fld. Rem.-Waste Sites-100-BC-1		69	138	(19)	69	157	6,271	6,696	1.07	92.8%	6,033	425	663	1.11	1.09	4,022	7,212	3,190	6,458	754	
1.03.01.02.06 Fld. Rem.-Burial Grounds-100-DR-1		0	0	0	0	0	7	7	1.00	100.0%	2	0	5	3.97	2.49	7	7	0	2	5	
1.03.01.03.05 Fld. Rem.-Waste Sites-100-BC-2		95	97	1	2	96	1,297	1,866	1.44	20.3%	3,039	569	(1,172)	0.61	1.03	8,645	9,173	527	17,902	(8,730)	
1.03.01.03.06 Fld. Rem.-Burial Grounds-100-BC-2		0	0	0	0	0	10,608	10,608	1.00	100.0%	9,783	0	825	1.08	1.04	10,423	10,608	185	9,783	825	
1.03.01.04.01 Fld. Rem.-100 B/C Area Design		(27)	(27)	0	0	(27)	523	523	1.00	100.0%	465	0	58	1.13	1.06	519	523	4	465	58	
1.03.01.75.25 Fld. Rem.-100 B/C Non Site Specific		0	178	64	178	114	3,380	10,896	3.22	77.5%	11,230	7,516	(333)	0.97	2.10	10,582	14,068	3,486	21,449	(7,381)	
1.03.02.01.03 Fld. Rem.-Conf Sampling Sites-100		0	0	7	0	(7)	2,114	1,650	0.78	78.1%	1,031	(463)	619	1.60	1.19	2,002	2,114	112	1,210	904	
1.03.02.02.04 Fld. Rem.-Liquid Waste Sites-100-D		114	0	2	(114)	(2)	1,603	2,562	1.60	95.1%	2,023	958	539	1.27	1.43	1,336	2,695	1,358	2,175	520	
1.03.02.02.05 Fld. Rem.-Waste Sites-100-DR-1		999	524	205	(475)	319	12,252	9,398	0.77	51.0%	5,205	(2,854)	4,193	1.81	1.29	16,946	18,440	1,494	10,733	7,707	
1.03.02.02.06 Fld. Rem.-Burial Grounds-100-DR-1		0	1	17	1	(15)	1,449	6,132	4.23	92.0%	1,845	4,683	4,287	3.32	3.78	4,446	6,666	2,220	2,113	4,553	
1.03.02.03.04 Fld. Rem.-Liquid Waste Sites-100-D		25	0	3	(25)	(3)	109	3	0.03	1.6%	5	(106)	(2)	0.62	0.32	192	192	0	103	90	
1.03.02.03.05 Fld. Rem.-Waste Sites-100-DR-2		91	200	15	109	185	5,112	3,918	0.77	64.9%	1,195	(1,194)	2,723	3.28	2.02	6,041	6,041	0	1,841	4,200	
1.03.02.03.06 Fld. Rem.-Burial Grounds-100-DR-2		1,264	2	161	(1,262)	(159)	3,472	27,837	8.02	89.1%	11,144	24,365	16,693	2.50	5.26	27,511	31,245	3,734	13,250	17,995	
1.03.02.04.01 Fld. Rem.-100 D Area Design		10	10	1	0	9	304	304	1.00	100.0%	370	0	(66)	0.82	0.91	122	304	182	370	(66)	
1.03.02.75.25 Fld. Rem.-100 D Non Site Specific S		655	721	399	66	323	11,799	19,568	1.66	77.6%	20,700	7,769	(1,132)	0.95	1.30	22,267	25,210	2,943	28,785	(3,576)	
1.03.03.01.03 Fld. Rem.-Conf Sampling Sites-100		0	0	0	0	0	962	962	1.00	100.0%	670	0	291	1.43	1.22	92	962	870	670	291	
1.03.03.02.04 Fld. Rem.-Liquid Waste Sites.-100-F		0	0	0	0	0	3,846	3,846	1.00	100.0%	1,485	0	2,361	2.59	1.80	3,846	3,846	0	1,485	2,361	
1.03.03.02.05 Fld. Rem.-Waste Sites.-100-FR-1		0	0	0	0	0	3,906	3,906	1.00	100.0%	2,411	0	1,495	1.62	1.31	3,491	3,906	414	2,411	1,495	
1.03.03.03.05 Fld. Rem.-Waste Sites-100-FR-2		0	0	0	0	0	333	333	1.00	100.0%	257	0	76	1.30	1.15	200	333	133	257	76	
1.03.03.03.06 Fld. Rem.-Burial Grounds-100-FR-2		0	0	0	0	0	20,830	20,830	1.00	100.0%	8,241	0	12,590	2.53	1.76	19,522	20,830	1,308	8,241	12,590	
1.03.03.04.01 Fld. Rem.-100 F Area Design		0	0	0	0	0	13	13	1.00	100.0%	0	0	13	1.00	1.00	13	13	0	0	13	
1.03.03.75.25 Fld. Rem.-100 F Non Site Specific S		0	0	0	0	0	10,446	10,446	1.00	100.0%	10,185	0	261	1.03	1.01	9,465	10,446	980	10,185	261	
1.03.04.01.03 Fld. Rem.-Conf Sampling Sites-100		745	862	65	117	797	1,901	2,190	1.15	69.4%	1,345	288	845	1.63	1.39	1,047	3,157	2,110	2,245	912	
1.03.04.02.04 Fld. Rem.-Liquid Waste Sites-100-H		0	0	1	0	(1)	170	154	0.91	90.6%	144	(16)	10	1.07	0.99	87	170	83	172	(2)	
1.03.04.02.05 Fld. Rem.-Waste Sites-100-HR-1		98	76	222	(22)	(146)	2,156	2,887	1.34	66.0%	1,959	731	928	1.47	1.41	2,499	4,377	1,878	3,052	1,325	
1.03.04.03.05 Fld. Rem.-Waste Sites-100-HR-2		1	0	44	(1)	(44)	829	815	0.98	48.8%	624	(14)	191	1.31	1.14	851	1,670	818	1,767	(98)	
1.03.04.03.06 Fld. Rem.-Burial Grounds-100-HR-2		639	1	64	(638)	(64)	7,138	8,187	1.15	83.7%	4,415	1,049	3,772	1.85	1.50	8,812	9,783	972	5,197	4,586	
1.03.04.04.01 Fld. Rem.-100 H Area Design		11	2	1	(9)	1	175	171	0.98	94.1%	198	(4)	(27)	0.86	0.92	57	182	125	208	(27)	
1.03.04.75.25 Fld. Rem.-100 H Non Site Specific S		213	236	355	23	(119)	1,414	5,667	4.01	89.1%	7,924	4,253	(2,257)	0.72	2.36	3,945	6,361	2,415	9,496	(3,136)	
1.03.05.01.03 Fld. Rem.-Conf Sampling Sites-100		14	1	4	(13)	(3)	28	135	4.89	31.7%	48	107	87	2.81	3.85	252	425	174	337	89	
1.03.05.02.04 Fld. Rem.-Liquid Waste Sites-100-K		0	0	0	0	0	2,734	2,734	1.00	100.0%	2,100	0	635	1.30	1.15	622	2,734	2,112	2,100	635	
1.03.05.03.04 Fld. Rem.-Liquid Waste Sites-100-K		0	0	0	0	0	131	131	1.00	100.0%	5	0	127	28.58	14.79	131	131	0	5	127	
1.03.05.03.05 Fld. Rem.-Waste Sites-100-KR-2		0	0	0	0	0	874	874	1.00	100.0%	494	0	380	1.77	1.38	874	874	0	494	380	
1.03.05.03.06 Fld. Rem.-Burial Grounds-100-KR-2		0	15	2	15	13	12,431	8,141	0.65	65.2%	5,540	(4,290)	2,602	1.47	1.06	9,082	12,479	3,397	13,372	(893)	
1.03.05.04.01 Fld. Rem.-100K Area Design		25	27	0	3	27	322	325	1.01	99.0%	39	3	286	8.27	4.64	174	328	154	44	284	
1.03.05.75.25 Fld. Rem.-100K Non Site Specific S		427	64	526	(364)	(462)	8,863	9,054	1.02	60.5%	16,650	191	(7,597)	0.54	0.78	6,198	14,970	8,771	24,000	(9,030)	
1.03.06.01.03 Fld. Rem.-Conf Sampling Sites-100		0	0	0	0	0	331	397	1.20	38.0%	80	66	317	4.95	3.08	1,043	1,043	0	915	129	
1.03.06.02.05 Fld. Rem.-Waste Sites-100-NR-1		14	25	63	11	(37)	4,918	4,308	0.88	24.8%	3,906	(610)	403	1.10	0.99	17,403	17,403	0	13,859	3,544	
1.03.06.03.01 Fld. Rem.-100 N Area Design		0	0	0	0	0	1,000	971	0.97	97.1%	455	(29)	516	2.14	1.55	1,000	1,000	0	568	432	
1.03.06.75.25 Fld. Rem.-100N Non Site Specific S		57	120	60	63	60	2,780	2,719	0.98	28.7%	1,887	(61)	832	1.44	1.21	9,306	9,460	154	14,459	(4,999)	
1.03.07.02.05 Fld. Rem.-Waste Sites.-100-IU-2		0	2	43	1	(42)	2	2	0.62	59.3%	43	(1)	(42)	0.03	0.33	3	3	0	224	(221)	
1.03.07.03.05 Fld. Rem.-Waste Sites.-100-IU-6		2,213	12	123	(2,201)	(110)	4,465	722	0.16	5.6%	2,378	(3,743)	(1,656)	0.30	0.23	12,796	12,968	172	8,993	3,975	

# RIVER CORRIDOR PROJECT INTEGRATED PROJECT BASELINE WBS LEVEL 5 (COST ACCOUNT) SUMMARY

## CLIN(s) 1, 2, 3, 4

### COST PERFORMANCE REPORT (CPR)

		(\$ IN THOUSANDS)																		
WBS Level 2, 5	DESCRIPTION	CURRENT PERIOD					INCEPTION-TO-DATE								AT COMPLETION					
		BUDGETED COST OF		ACTUAL COST WORK PERF	VARIANCE		BUDGETED COST OF		* SPI	% CMLPT	ACTUAL COST WORK PERF	VARIANCE		* CPI	* CSPI	ORIGINAL BAC (IPB Rev.1)	CURRENT BAC	CURRENT BAC DELTA	EAC	VAC
		WORK SCHED	WORK PERF		SCHED	COST	WORK SCHED	WORK PERF				SCHED	COST							
	1.03.07.04.01 Fld. Rem.-100 Area RS Design	0	0	0	0	0	536	536	1.00	100.0%	433	0	102	1.24	1.12	536	536	0	433	102
	1.03.07.75.25 Fld. Rem.-100 Area RS Non Site Sp	288	269	268	(19)	1	4,402	1,198	0.27	11.0%	1,784	(3,204)	(586)	0.67	0.47	10,885	10,922	37	8,805	2,117
	1.03.12.01.03 Fld. Rem.-Conf Sampling Sites Area	0	0	0	0	0	352	281	0.80	24.0%	292	(71)	(11)	0.96	0.88	1,170	1,170	0	1,195	(24)
	1.03.12.02.05 Fld. Rem.-Waste Sites 300 Area	43	8	746	(36)	(738)	7,100	3,864	0.54	20.5%	4,460	(3,237)	(596)	0.87	0.71	21,450	18,863	(2,587)	24,731	(5,868)
	1.03.12.02.06 Fld. Rem.-Burial Grounds 300 Area	117	7	37	(110)	(30)	29,434	29,236	0.99	98.5%	20,137	(198)	(9,100)	1.45	1.22	16,823	29,691	12,868	20,585	9,106
	1.03.12.03.01 Fld. Rem.-300 Area RS Design	0	0	0	0	0	1,342	1,317	0.98	98.1%	825	(25)	(492)	1.60	1.29	1,342	1,342	0	856	486
	1.03.12.75.25 Fld. Rem.-300 Area Non Site Specifi	4,486	4,485	405	(1)	4,080	13,882	13,904	1.00	54.0%	28,999	22	(15,095)	0.48	0.74	20,699	25,748	5,049	45,203	(19,456)
	1.03.13.01.05 Fld. Rem.-Waste Sites 400 Area	0	0	0	0	0	0	0	0.00	0.0%	0	0	0	0	0	105	105	0	105	0
	1.03.13.75.25 Fld. Rem.-400 Area Non Site Specifi	0	0	0	0	0	0	0	0.00	0.0%	0	0	0	0	0	85	85	0	128	(43)
	1.03.14.01.22 Fld. Rem.-Design Solution 600 Area	0	15	0	15	15	1,760	1,760	1.00	100.0%	2,556	0	(796)	0.69	0.84	415	1,760	1,344	2,556	(796)
	1.03.15.01.01 Fld. Rem.-Misc. Restoration Design	0	0	0	0	0	269	134	0.50	50.0%	35	(134)	99	3.83	2.17	269	269	0	155	113
	1.03.15.01.05 Fld. Rem.-Restoration	95	0	0	(95)	0	2,540	53	0.02	0.9%	73	(2,467)	(20)	0.73	0.37	5,930	5,930	0	15,558	(9,628)
	1.03.15.75.25 Fld. Rem.-Misc Restoration Non Site	19	0	2	(19)	(2)	432	8	0.02	0.9%	9	(423)	(1)	0.90	0.46	952	952	0	3,365	(2,414)
	1.03.99.01.29 Fld. Rem.-Management and Support	247	257	420	10	(163)	12,849	12,859	1.00	48.8%	17,858	10	(4,999)	0.72	0.86	26,370	26,361	(9)	40,595	(14,235)
	<b>1.03 Fld. Rem.-Field Remediation Closur</b>	<b>13,049</b>	<b>8,329</b>	<b>4,308</b>	<b>(4,720)</b>	<b>4,021</b>	<b>229,170</b>	<b>259,007</b>	<b>1.13</b>	<b>64.9%</b>	<b>225,115</b>	<b>29,838</b>	<b>33,892</b>	<b>1.15</b>	<b>1.14</b>	<b>335,873</b>	<b>399,052</b>	<b>63,179</b>	<b>405,765</b>	<b>(6,713)</b>
	1.04.01.01.30 Waste Ops-Construction	3	3	5	0	(2)	25,671	25,411	0.99	99.0%	23,892	(260)	(1,520)	1.06	1.03	38,853	25,671	(13,182)	23,944	1,727
	1.04.01.02.31 Waste Ops-Disposal	858	1,276	843	418	433	43,001	53,549	1.25	57.2%	59,703	10,548	(6,154)	0.90	1.07	86,356	93,548	7,191	115,273	(21,726)
	1.04.01.02.32 Waste Ops-Waste Treatment	(14)	(2)	7	12	(9)	9,150	14,240	1.56	34.7%	7,216	5,090	7,024	1.97	1.76	40,633	41,082	449	14,324	26,758
	1.04.01.02.33 Waste Ops-PNNL Facilities Disposa	1	0	0	(1)	0	151	0	0.00	0.0%	0	(151)	0	0.00	0.00	4,124	4,124	0	4,124	0
	1.04.01.02.34 Waste Ops-PNNL Facilities Waste T	0	0	0	0	0	75	0	0.00	0.0%	0	(75)	0	0.00	0.00	2,215	2,215	0	2,215	0
	1.04.01.03.37 Waste Ops-Transportation Routes/	630	0	0	(630)	0	5,671	2,762	0.49	28.4%	3,483	(2,909)	(720)	0.79	0.64	9,729	9,729	0	5,283	4,446
	1.04.01.03.38 Waste Ops-Transportation	1,050	1,152	821	102	331	35,579	48,456	1.36	54.7%	47,253	12,877	1,202	1.03	1.19	84,767	88,518	3,751	85,885	2,633
	1.04.01.03.39 Waste Ops-PNNL Facilities Transpo	2	0	0	(2)	0	176	0	0.00	0.0%	0	(176)	0	0.00	0.00	4,728	4,728	0	4,616	112
	1.04.01.04.3B Waste Ops-Closure	0	37	(25)	37	62	678	677	1.00	47.0%	418	0	260	1.62	1.31	1,443	1,443	0	1,065	378
	1.04.99.01.29 Waste Ops-Management and Suppo	28	28	191	0	(163)	2,190	2,190	1.00	31.8%	6,907	0	(4,718)	0.32	0.66	7,823	6,878	(945)	16,542	(9,665)
	1.04.99.02.29 Waste Ops - Waste Services	102	102	137	0	(36)	4,460	5,366	1.20	48.8%	4,677	905	688	1.15	1.18	10,999	11,000	2	9,118	1,883
	<b>1.04 Waste Ops-Waste Operations Totals</b>	<b>2,661</b>	<b>2,596</b>	<b>1,980</b>	<b>(65)</b>	<b>616</b>	<b>126,802</b>	<b>152,651</b>	<b>1.20</b>	<b>52.8%</b>	<b>153,549</b>	<b>25,848</b>	<b>(899)</b>	<b>0.99</b>	<b>1.10</b>	<b>291,668</b>	<b>288,934</b>	<b>(2,734)</b>	<b>282,387</b>	<b>6,547</b>
	1.05.01.01.40 ES/FC-Risk Assessment	980	2,052	769	1,072	1,283	21,738	22,274	1.02	74.2%	21,843	536	431	1.02	1.02	16,496	30,020	13,524	34,758	(4,739)
	1.05.01.01.41 ES/FC-Long-Term Stewardship	9	9	3	0	6	1,303	983	0.75	22.4%	322	(320)	661	3.05	1.90	4,383	4,383	0	3,121	1,262
	1.05.01.01.42 ES/FC-Orphan Site Evaluations	666	574	108	(92)	466	8,673	9,621	1.11	73.6%	6,915	948	2,707	1.39	1.25	11,196	13,072	1,876	12,038	1,034
	1.05.99.01.29 ES/FC-Management and Support	40	40	33	0	7	2,028	2,028	1.00	47.0%	2,019	0	9	1.00	1.00	4,309	4,316	7	4,173	143
	<b>1.05 ES/FC-End State/Final Closure Total</b>	<b>1,696</b>	<b>2,675</b>	<b>913</b>	<b>980</b>	<b>1,762</b>	<b>33,742</b>	<b>34,907</b>	<b>1.03</b>	<b>67.4%</b>	<b>31,099</b>	<b>1,165</b>	<b>3,808</b>	<b>1.12</b>	<b>1.08</b>	<b>36,383</b>	<b>51,790</b>	<b>15,407</b>	<b>54,091</b>	<b>(2,300)</b>
	1.06.01.01.01 MS/GS-Project Integration	465	465	739	0	(274)	25,688	25,688	1.00	53.4%	25,664	0	24	1.00	1.00	46,423	48,131	1,709	49,734	(1,603)
	1.06.02.01.01 MS/GS-Project Services	2,066	2,066	1,062	0	1,004	71,213	71,213	1.00	53.6%	62,526	0	8,687	1.14	1.07	134,767	132,941	(1,827)	121,870	11,071
	1.06.03.01.01 MS/GS-SHQ	1,460	1,460	696	0	764	35,024	35,024	1.00	53.6%	42,660	0	(7,636)	0.82	0.91	59,587	65,342	5,756	78,819	(13,477)
	1.06.04.01.01 MS/GS-Engineering	442	442	150	0	292	6,319	6,319	1.00	53.0%	6,086	0	233	1.04	1.02	11,377	11,923	546	13,114	(1,190)
	1.06.05.01.01 MS/GS-Regulatory and Environment	317	317	187	0	130	8,039	8,039	1.00	47.4%	9,914	0	(1,875)	0.81	0.91	16,720	16,968	249	20,106	(3,137)
	1.06.06.01.01 MS/GS-Office of the Project Gen. M	1,108	1,108	650	0	459	25,078	25,078	1.00	48.4%	28,201	0	(3,123)	0.89	0.94	50,846	51,766	920	58,152	(6,386)
	<b>1.06 MS/GS-Mission Support/General Su</b>	<b>5,859</b>	<b>5,859</b>	<b>3,484</b>	<b>0</b>	<b>2,375</b>	<b>171,361</b>	<b>171,361</b>	<b>1.00</b>	<b>52.4%</b>	<b>175,051</b>	<b>0</b>	<b>(3,690)</b>	<b>0.98</b>	<b>0.99</b>	<b>319,719</b>	<b>327,071</b>	<b>7,352</b>	<b>341,794</b>	<b>(14,723)</b>
	1.10.00.00.00 Transition	0	0	0	0	0	3,979	3,979	1.00	100.0%	3,747	0	232	1.06	1.03	3,979	3,979	0	3,747	232
	<b>1.10 Transition Totals</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3,979</b>	<b>3,979</b>	<b>1.00</b>	<b>100.0%</b>	<b>3,747</b>	<b>0</b>	<b>232</b>	<b>1.06</b>	<b>1.03</b>	<b>3,979</b>	<b>3,979</b>	<b>0</b>	<b>3,747</b>	<b>232</b>
	<b>Base Scope Total</b>	<b>31,017</b>	<b>24,180</b>	<b>17,060</b>	<b>(6,836)</b>	<b>7,121</b>	<b>864,533</b>	<b>986,559</b>	<b>1.14</b>	<b>56.3%</b>	<b>834,777</b>	<b>122,026</b>	<b>151,783</b>	<b>1.18</b>	<b>1.16</b>	<b>1,654,382</b>	<b>1,753,477</b>	<b>99,094</b>	<b>1,637,136</b>	<b>116,341</b>
	<b>ARRA Scope</b>																			
	1.03.14.01.02 ARRA - Fld. Rem.-Design 600 Area	9	4	197	(6)	(194)	85	200	2.34	88.7%	1,140	114	(940)	0.18	1.26	0	225	225	225	0

# RIVER CORRIDOR PROJECT INTEGRATED PROJECT BASELINE WBS LEVEL 5 (COST ACCOUNT) SUMMARY

## CLIN(s) 1, 2, 3, 4

### COST PERFORMANCE REPORT (CPR)

WBS Level 2, 5		(\$ IN THOUSANDS)																			
		CURRENT PERIOD					INCEPTION-TO-DATE										AT COMPLETION				
		BUDGETED COST OF		ACTUAL COST	VARIANCE		BUDGETED COST OF		* SPI	% CMLPT	ACTUAL COST WORK PERF	VARIANCE		* CPI	* CSPI	ORIGINAL BAC (IPB Rev.1)	CURRENT BAC	CURRENT BAC DELTA	EAC	VAC	
		WORK SCHED	WORK PERF	WORK PERF	SCHED	COST	WORK SCHED	WORK PERF				SCHED	COST								
1.03.14.01.25 NON-Intrusive Field Rem.- 618-10 & 1.03.14.01.26 ARRA - 618-10 & 618-11 Intrusive C		231	510	357	279	153	899	1,395	1.55	36.9%	1,453	496	(58)	0.96	1.26	0	3,778	3,778	3,778	0	
1.03.14.75.26 Fld. Rem.-ARRA 600 Area Non-Intru		3	0	0	(3)	0	25	0	0.00	0.0%	2	(25)	(2)	0.00	0.00	0	74	74	74	0	
1.03.14.75.27 Fld. Rem.-ARRA 618-10 Trench Re		153	134	548	(19)	(414)	1,227	1,314	1.07	56.1%	2,879	87	(1,564)	0.46	0.76	0	2,342	2,342	2,342	0	
<b>1.03 Fld. Rem.-Field Remediation Closures</b>		<b>149</b>	<b>162</b>	<b>172</b>	<b>13</b>	<b>(10)</b>	<b>1,376</b>	<b>1,430</b>	<b>1.04</b>	<b>30.6%</b>	<b>907</b>	<b>54</b>	<b>524</b>	<b>1.58</b>	<b>1.31</b>	<b>0</b>	<b>4,681</b>	<b>4,681</b>	<b>4,681</b>	<b>0</b>	
<b>1.04 Waste Ops-Waste Operations Totals</b>		<b>545</b>	<b>809</b>	<b>1,274</b>	<b>265</b>	<b>(465)</b>	<b>3,612</b>	<b>4,339</b>	<b>1.20</b>	<b>39.1%</b>	<b>6,380</b>	<b>727</b>	<b>(2,040)</b>	<b>0.68</b>	<b>0.94</b>	<b>0</b>	<b>11,099</b>	<b>11,099</b>	<b>11,099</b>	<b>0</b>	
1.04.01.01.31 Waste Ops-ARRA Construction		1,149	1,446	16	297	1,430	8,617	8,473	0.98	13.6%	7,244	(144)	1,228	1.17	1.08	0	62,292	62,292	62,292	0	
1.04.01.02.37 Waste Ops-ARRA Disposal		522	1,568	633	1,046	935	4,173	8,872	2.13	83.2%	8,033	4,700	840	1.10	1.62	0	10,661	10,661	10,661	0	
1.04.01.03.3B Waste Ops-ARRA Transportation		306	482	(55)	176	537	2,498	4,810	1.93	56.4%	5,082	2,312	(272)	0.95	1.44	0	8,532	8,532	8,532	0	
<b>1.06 MS/GS-Mission Support/General Su</b>		<b>1,976</b>	<b>3,496</b>	<b>593</b>	<b>1,519</b>	<b>2,902</b>	<b>15,288</b>	<b>22,155</b>	<b>1.45</b>	<b>27.2%</b>	<b>20,359</b>	<b>6,868</b>	<b>1,796</b>	<b>1.09</b>	<b>1.27</b>	<b>0</b>	<b>81,485</b>	<b>81,485</b>	<b>81,485</b>	<b>0</b>	
1.06.01.01.02 MS/GS-Project Integration (ARRA)		187	187	103	0	84	1,693	1,693	1.00	99.3%	1,563	0	130	1.08	1.04	0	1,704	1,704	1,704	0	
<b>ARRA Scope Total</b>		<b>187</b>	<b>187</b>	<b>103</b>	<b>0</b>	<b>84</b>	<b>1,693</b>	<b>1,693</b>	<b>1.00</b>	<b>99.3%</b>	<b>1,563</b>	<b>0</b>	<b>130</b>	<b>1.08</b>	<b>1.04</b>	<b>0</b>	<b>1,704</b>	<b>1,704</b>	<b>1,704</b>	<b>0</b>	
<b>PMB (DB) Excluding K Area/CLIN 3</b>		<b>2,707</b>	<b>4,492</b>	<b>1,970</b>	<b>1,784</b>	<b>2,522</b>	<b>20,592</b>	<b>28,187</b>	<b>1.37</b>	<b>29.9%</b>	<b>28,301</b>	<b>7,595</b>	<b>(114)</b>	<b>1.00</b>	<b>1.18</b>	<b>0</b>	<b>94,288</b>	<b>94,288</b>	<b>94,288</b>	<b>0</b>	
<b>PMB (DB) K Area/CLIN 3</b>		<b>33,724</b>	<b>28,672</b>	<b>19,030</b>	<b>(5,052)</b>	<b>9,642</b>	<b>885,125</b>	<b>1,014,746</b>	<b>1.15</b>	<b>54.9%</b>	<b>863,078</b>	<b>129,621</b>	<b>151,668</b>	<b>1.18</b>	<b>1.16</b>	<b>1,654,382</b>	<b>1,847,765</b>	<b>193,383</b>	<b>1,731,424</b>	<b>116,341</b>	
<b>Base Scope</b>																					
1.01.01.05.07 D4-Buildings-100 K Area		346	0	0	(346)	0	4,533	0	0.0%	0.0%	0	(4,533)	0			26,533	26,533	0	25,993	540	
1.01.01.05.08 D4-Remaining Facilities-100 K Area		0	0	0	0	0	867	0	0.0%	0.0%	0	(867)	0			3,843	3,843	0	3,843	0	
1.01.01.05.10 D4-Retention Basins-100 K Area		0	0	0	0	0	0	0	0.0%	0.0%	0	0	0			13,350	13,350	0	13,350	0	
1.01.01.75.25 D4-Non-Site Specific Support-100 A		181	0	0	(181)	0	509	0	0.0%	0.0%	0	(509)	0			10,424	10,424	0	0	10,424	
<b>1.01 D4-D4 Closure Totals</b>		<b>526</b>	<b>0</b>	<b>0</b>	<b>(526)</b>	<b>0</b>	<b>5,909</b>	<b>0</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0</b>	<b>(5,909)</b>	<b>0</b>			<b>54,150</b>	<b>54,150</b>	<b>0</b>	<b>43,186</b>	<b>10,964</b>	
1.02.03.01.21 ISS-Interim Safe Storage-100 K Area		877	0	0	(877)	0	16,308	0	0.0%	0.0%	0	(16,308)	0			32,847	32,847	0	39,151	(6,304)	
<b>1.02 ISS-Reactor ISS Closure Totals</b>		<b>877</b>	<b>0</b>	<b>0</b>	<b>(877)</b>	<b>0</b>	<b>16,308</b>	<b>0</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0</b>	<b>(16,308)</b>	<b>0</b>			<b>32,847</b>	<b>32,847</b>	<b>0</b>	<b>39,151</b>	<b>(6,304)</b>	
1.03.05.01.03 Fld. Rem.-Conf Sampling Sites-100		75	0	0	(75)	0	132	0	0.0%	0.0%	0	(132)	0			3,871	3,871	0	3,871	0	
1.03.05.02.05 Fld. Rem.-Waste Sites-100-KR-1		0	0	0	0	0	0	0	0.0%	0.0%	0	0	0			252	252	0	252	0	
1.03.05.03.04 Fld. Rem.-Liquid Waste Sites-100-K		0	0	0	0	0	0	0	0.0%	0.0%	0	0	0			16,808	16,808	0	9,716	7,093	
1.03.05.03.05 Fld. Rem.-Waste Sites-100-KR-2		122	0	0	(122)	0	647	0	0.0%	0.0%	0	(647)	0			9,259	9,259	0	7,643	1,616	
1.03.05.04.01 Fld. Rem.-100K Area Design		0	0	0	0	0	199	0	0.0%	0.0%	0	(199)	0			199	199	0	371	(172)	
1.03.05.75.25 Fld. Rem.-100K Non Site Specific S		0	0	0	0	0	0	0	0.0%	0.0%	0	0	0			5,501	5,501	0	7,260	(1,759)	
1.03.12.01.03 Fld. Rem.-Conf Sampling Sites Area		0	0	0	0	0	76	0	0.0%	0.0%	0	(76)	0			0	76	76	76	0	
1.03.12.02.05 Fld. Rem.-Waste Sites 300 Area		6	0	0	(6)	0	89	0	0.0%	0.0%	0	(89)	0			0	8,544	8,544	3,965	4,580	
1.03.14.01.01 Fld. Rem.-Design 600 Area		0	0	0	0	0	1,594	0	0.0%	0.0%	0	(1,594)	0			1,594	1,594	0	1,798	(204)	
1.03.14.01.23 Fld. Rem.-Remediation 618-10		365	0	0	(365)	0	3,442	0	0.0%	0.0%	0	(3,442)	0			17,586	17,586	0	20,068	(2,481)	
1.03.14.01.24 Fld. Rem.-Remediation 618-11		687	0	0	(687)	0	5,504	0	0.0%	0.0%	0	(5,504)	0			30,553	30,553	0	36,390	(5,837)	
1.03.14.75.25 Fld. Rem.-600 Area Non Site Specific		860	0	0	(860)	0	7,542	0	0.0%	0.0%	0	(7,542)	0			37,668	37,668	0	43,437	(5,768)	
1.03.99.01.29 Fld. Rem.-Management and Support		0	0	0	0	0	0	0	0.0%	0.0%	0	0	0			0	0	0	5,845	(5,845)	
<b>1.03 Fld. Rem.-Field Remediation Closures</b>		<b>2,115</b>	<b>0</b>	<b>0</b>	<b>(2,115)</b>	<b>0</b>	<b>19,224</b>	<b>0</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0</b>	<b>(19,224)</b>	<b>0</b>			<b>123,291</b>	<b>131,911</b>	<b>8,620</b>	<b>140,689</b>	<b>(8,778)</b>	
1.04.01.02.35 Waste Ops-618-10/11 Disposal		0	0	0	0	0	173	0	0.0%	0.0%	0	(173)	0			2,025	2,025	0	2,025	0	
1.04.01.02.36 Waste Ops-618-10/11 Treatment		0	0	0	0	0	291	0	0.0%	0.0%	0	(291)	0			3,415	3,415	0	3,415	0	
1.04.01.03.3A Waste Ops-618-10/11 Transportation		69	0	0	(69)	0	437	0	0.0%	0.0%	0	(437)	0			2,853	2,853	0	2,853	0	
<b>1.04 Waste Ops-Waste Operations Totals</b>		<b>69</b>	<b>0</b>	<b>0</b>	<b>(69)</b>	<b>0</b>	<b>901</b>	<b>0</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0</b>	<b>(901)</b>	<b>0</b>			<b>8,292</b>	<b>8,292</b>	<b>0</b>	<b>8,292</b>	<b>0</b>	
1.05.01.01.40 ES/FC-Risk Assessment		0	0	0	0	0	0	0	0.0%	0.0%	0	0	0			257	257	0	422	(165)	
1.05.01.01.41 ES/FC-Long-Term Stewardship		0	0	0	0	0	0	0	0.0%	0.0%	0	0	0			0	213	213	88	125	

**RIVER CORRIDOR PROJECT INTEGRATED PROJECT BASELINE WBS LEVEL 5 (COST ACCOUNT) SUMMARY**  
**CLIN(s) 1, 2, 3, 4**  
**COST PERFORMANCE REPORT (CPR)**

		(\$ IN THOUSANDS)																		
WBS Level 2, 5	DESCRIPTION	CURRENT PERIOD					INCEPTION-TO-DATE								AT COMPLETION					
		BUDGETED COST OF		ACTUAL COST WORK PERF	VARIANCE		BUDGETED COST OF		* SPI	% CMLPT	ACTUAL COST WORK PERF	VARIANCE		* CPI	* CSPI	ORIGINAL BAC (IPB Rev.1)	CURRENT BAC	CURRENT BAC DELTA	EAC	VAC
		WORK SCHED	WORK PERF		SCHED	COST	WORK SCHED	WORK PERF				SCHED	COST							
1.05	ES/FC-End State/Final Closure Total	0	0	0	0	0	0	0	0.0%	0	0	0	0	0	257	470	213	510	(40)	
	Base Scope Total	3,587	0	0	(3,587)	0	42,342	0	0.0%	0	(42,342)	0		218,838	227,671	8,834	231,830	(4,159)		
	PMB (DB) K Area/CLIN 3	3,587	0	0	(3,587)	0	42,342	0	0.0%	0	(42,342)	0		218,838	227,671	8,834	231,830	(4,159)		
	Performance Measurement Baseline	37,311	28,672	19,030	(8,639)	9,642	927,467	1,014,746	1.15	48.9%	863,078	87,279	151,668	1.18	1.16	1,873,220	2,075,436	202,217	1,963,254	112,183
	<b>Contingency</b>																			
	<b>Contingency Base Scope</b>																			
	Contingency - RCC	0	0	0	0	0	0	0	0.0%	0	0	0		272,553	174,326	(98,228)	174,326	0		
	Contingency Totals	0	0	0	0	0	0	0	0.0%	0	0	0		272,553	174,326	(98,228)	174,326	0		
	Base Scope Total	0	0	0	0	0	0	0	0.0%	0	0	0		272,553	174,326	(98,228)	174,326	0		
	<b>ARRA Scope</b>																			
	Contingency - ARRA	0	0	0	0	0	0	0	0.0%	0	0	0		0	5,569	5,569	5,569	0		
	Contingency Totals	0	0	0	0	0	0	0	0.0%	0	0	0		0	5,569	5,569	5,569	0		
	ARRA Scope Total	0	0	0	0	0	0	0	0.0%	0	0	0		0	5,569	5,569	5,569	0		
	Contingency	0	0	0	0	0	0	0	0.0%	0	0	0		272,553	179,894	(92,659)	179,894	0		
	Contingency	0	0	0	0	0	0	0	0.0%	0	0	0		272,553	179,894	(92,659)	179,894	0		
	RCC Project Target Costs	37,311	28,672	19,030	(8,639)	9,642	927,467	1,014,746	1.15	45.0%	863,078	87,279	151,668	1.18	1.16	2,145,773	2,255,331	109,558	2,143,148	112,183
	<b>RCC Project Non-Target Costs</b>																			
	<b>RCC Project Non-Target Costs Base Scope</b>																			
	Pension	337	337	414	0	(78)	13,266	13,266	34.3%	17,915	0	(4,649)		38,676	38,676	0	42,716	(4,040)		
	Pension Totals	337	337	414	0	(78)	13,266	13,266	34.3%	17,915	0	(4,649)		38,676	38,676	0	42,716	(4,040)		
	WCH Performance Fee - RCC	432	432	855	0	(423)	47,281	47,281	32.3%	41,765	0	5,516		148,598	146,520	(2,077)	147,622	(1,101)		
	WCH Performance Fee Totals	432	432	855	0	(423)	47,281	47,281	32.3%	41,765	0	5,516		148,598	146,520	(2,077)	147,622	(1,101)		
	Base Scope Total	769	769	1,270	0	(501)	60,547	60,547	32.7%	59,680	0	867		187,274	185,196	(2,077)	190,338	(5,141)		
	<b>ARRA Scope</b>																			
	WCH Performance Fee - ARRA	259	259	204	0	54	1,873	1,873	26.8%	1,840	0	33		0	6,990	6,990	6,990	0		
	WCH Performance Fee Totals	259	259	204	0	54	1,873	1,873	26.8%	1,840	0	33		0	6,990	6,990	6,990	0		
	ARRA Scope Total	259	259	204	0	54	1,873	1,873	26.8%	1,840	0	33		0	6,990	6,990	6,990	0		
	RCC Project Non-Target Costs	1,027	1,027	1,474	0	(447)	62,420	62,420	32.5%	61,520	0	900		187,274	192,186	4,913	197,328	(5,141)		
	RCC Project Non-Target Costs	1,027	1,027	1,474	0	(447)	62,420	62,420	32.5%	61,520	0	900		187,274	192,186	4,913	197,328	(5,141)		
	RCC Project Non-Target Costs	1,027	1,027	1,474	0	(447)	62,420	62,420	32.5%	61,520	0	900		187,274	192,186	4,913	197,328	(5,141)		
	RCC Project Costs	38,339	29,700	20,504	(8,639)	9,196	989,887	1,077,166	1.15	44.0%	924,598	87,279	152,568	1.18	1.16	2,333,046	2,447,517	114,471	2,340,476	107,041
	Total RCC Contract Costs	38,339	29,700	20,504	(8,639)	9,196	989,887	1,077,166	1.15	44.0%	924,598	87,279	152,568	1.18	1.16	2,333,046	2,447,517	114,471	2,340,476	107,041