



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
EXECUTIVE SUMMARY**
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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 provides 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.

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

Reporting of project life-cycle estimates at completion (EACs) began with the January 2009 report. For the majority of CLIN 1, a bottoms-up life-cycle EAC was developed. For the areas listed above (100-K, CLIN 3, and 300 Area retained facilities and waste sites), in most cases the budget at completion was used as the EAC. This was done due to the uncertainties surrounding these scopes of work. The forecast schedule dates were adjusted to occur between FY13 and FY15.

In May 2009, implementation of contract modification 30 (Mod 30), which incorporates material differences into the baseline, was initiated. Due to the extensive Mod 30 implementation effort, May performance was derived based on 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.

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 this scope of work.

The ARRA 180-Day Work Plan (WCH-332) outlines the workscope, estimated costs, and FTE projections. This period is from April 9, 2009 through October 8, 2009. WCH 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. Once negotiated, this will be incorporated into the IPB and measured performance accordingly. Separate reporting requirements will be outlined in accordance with the ARRA and associated contract modifications.

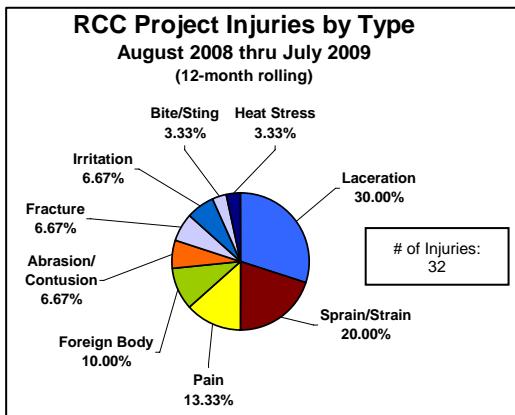
SAFETY:

As of July 31, 2009, RCC has worked approximately 233,200 hours since the last lost work day case (July 1, 2009). During July there were five injuries, four first aids and one lost time.

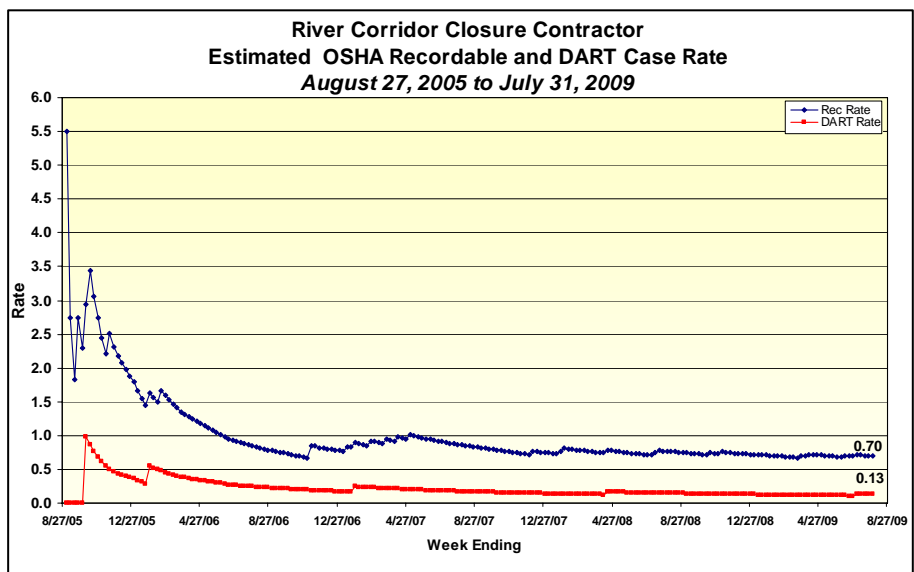
Inception to Date: 150 first aids; 22 recordable-only; 2 lost restricted; 3 lost work days

FYTD: 22 first aids; 5 recordable-only; 1 lost work day

Current Month: 4 first aids (foreign body in eye, skin irritation, heat stress, bite/sting); 1 lost work day (fall - multiple injuries)



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 July 31, 2009, RCC Project total recordable case (TRC) rate was 0.70; DART rate was 0.13.



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ACCOMPLISHMENTS:

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

- Commenced above-grade demolition of 107N Recirculation Cooling Building.
- Completed above-grade loadout of 1310N Golf Ball.
- Completed cold/dark utility isolations in 324 High Bay.

Reactor Interim Safe Storage (ISS) Closure Project

- Continued with 105N northeast corner above- and below-grade loadout.
- Continued waste removal and demolition of 109N.

Field Remediation (FR) Closure Project

- Completed excavation and loadout at 118-H-1.
- Awarded subcontract for 118-K-1 remediation.
- Awarded the 100-IU-2/-6 archeology support contract.

Waste Operations (WO) Project

- Received and disposed 89,607 tons of waste at ERDF during July bringing the total to 2,353,208 tons disposed since WCH assumed River Corridor cleanup responsibilities on 8/27/05.
- Transported and disposed 262 roll-on/roll-off (RO/RO) containers from CHPRC.

End State and Final Closure (ESFC) Project

- Completed planning for indicator contaminant screening work plan Phase IIb for the groundwater upwelling surveys using the Trident Probe technology. Initiated mobilization and evolution startup activities to begin fieldwork in early August.
- Completed calculations and integrated results from the nonresidential tribal scenario into the *River Corridor Baseline Risk Assessment Report* (DOE/RL-2007-21, Draft B, Volume 2).
- Completed the first draft of the *100-FR-2 Interim Remedial Action Report*, and began the WCH internal review and RL/EPA informal reviews.

Mission/General Support

- Developed path forward and schedule for descoping of 100-K and 300 Areas activities.
- Completed evaluation and re-implementation of contingency drawdowns affected by Mod 30 implementation.
- Supported DOE Type B investigation of the 336 building fall event.

ARRA Workscope

- Initiated 618-10 non-intrusive characterization (NIC) mobilization activities.
- Received 30% design submittal for ERDF Super Cells 9/10.
- Submitted the revised ARRA Technical and Cost Proposal to RL; the revision incorporates comments received from RL and the EM Consolidated Business Center.

TPA MILESTONES:

To date, 20 RCC Project TPA milestones were accomplished on (2) or ahead (18) of schedule.

TPA Milestone Statistics				
(Includes Targets and Commitment Milestones)				
Total	Remaining	Completed	Completed On	Completed Ahead
41	21	20	2	18

RCC Project FY09/10 TPA milestones include:

- **M-16-49 - Complete** Complete Interim Remedial Action for 100-F Area (due 12/31/08). *Completed on 12/1/08.*
- **M-16-61 - Complete** Complete Interim Remedial Actions for 618-2, 618-3, 618-5, 618-7 (due 12/31/08). *Completed on 12/29/08.*
- **M-16-94A - Complete** Initiate Interim Remedial Actions at 100-B-28 Waste Site (due 3/16/09). *Completed on 2/5/09.*
- **M-94-07 - Complete** Complete the Selected Removal and/or Remedial Actions that are Selected for 6 of the following 19 High Priority Facilities: 305B, 306E, 306W, 307 Retention Basins, 308, 309, 321, 323, 324, 324B, 325, 326, 327, 329, 333, 340, 3706, 307 Trench, and 3720; to include the 306E, 306W, 3720, and 305B Facilities (due 12/30/09). *Completed on 3/23/09 upon approval of closeout documentation. 3706 above-grade loadout completed 7/19/07. 306W above-grade loadout completed 12/15/07. 3720 below-grade loadout completed 10/21/08. Additionally, 305B, 306E, 333 completed 3/13/08 under M-94-06.*
- **M-16-51-T01** - Due 12/31/09 Complete Excavation of 1 of 5 100-H Burial Grounds (118-H-1, -2, -3, -4, or -5). *On schedule.*
- **M-16-64** - Due 9/30/10 Complete Interim Remedial Actions for 300-259, 303-M SA, 303-M UOF, UPR-300-46, UPR-300-17, and 618-1. *On schedule.*
- **M-89-00** - Due 9/30/10 Complete Closure of Non-Permitted Mixed Waste Units in 324 Building REC B-Cell, REC D-Cell, and High Level Vault. *Milestone change request completed public review. Milestone is on schedule to proposed date.*
- **M-94-03** - Due 9/30/10 Complete Disposition of Following Surplus Facilities: 303M, 332, 333, 334, 334A, 3221, 3222, 3223, 3224, 3225, 324, 324B, 327. *Milestone change request completed public review. Milestone is on schedule to proposed scope.*

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PERFORMANCE MILESTONES:

All RCC Project prior-year quarterly performance milestones were completed on or ahead of schedule. RCC Project FY09/10 performance milestones include:

- 12/31/08 **Complete** Complete 100-D-32, 100-D-45, and 100-D-40 Loadout. *Completed on 7/30/08.*
- 3/31/09 **Complete** Complete 618-13 and 100-D-41 Loadout. *Completed on 2/2/09.*
- 6/30/09 **Complete** Complete Building 3720 Demolition. *Below-grade loadout completed 10/21/08. Final closure documentation approved on 3/23/09.*
- 9/30/09 On schedule Complete 118-H-1 Loadout, 1310N Above-Grade Demolition and Contaminated Berm Loadout, and 107N T- 1 Tank Disposal. *118-H-1 loadout (for IPB planned quantity) completed on 1/28/09.*
- 12/31/09 Ahead Complete Construction of ERDF Cells 7/8 and Complete 618-1 Loadout. *ERDF cells completed 5/7/09; 618-1 loadout completion scheduled for October.*
- 3/31/10 To be renegotiated 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 On schedule Complete Building 327 Demolition.
- 9/30/10 Behind Complete Building 324 Demolition. *Behind schedule to pre-Mod 30 performance milestone date. Milestone will require revision after Mod 30 implementation.*

RIVER CORRIDOR CLOSURE PROJECT EXECUTIVE SUMMARY

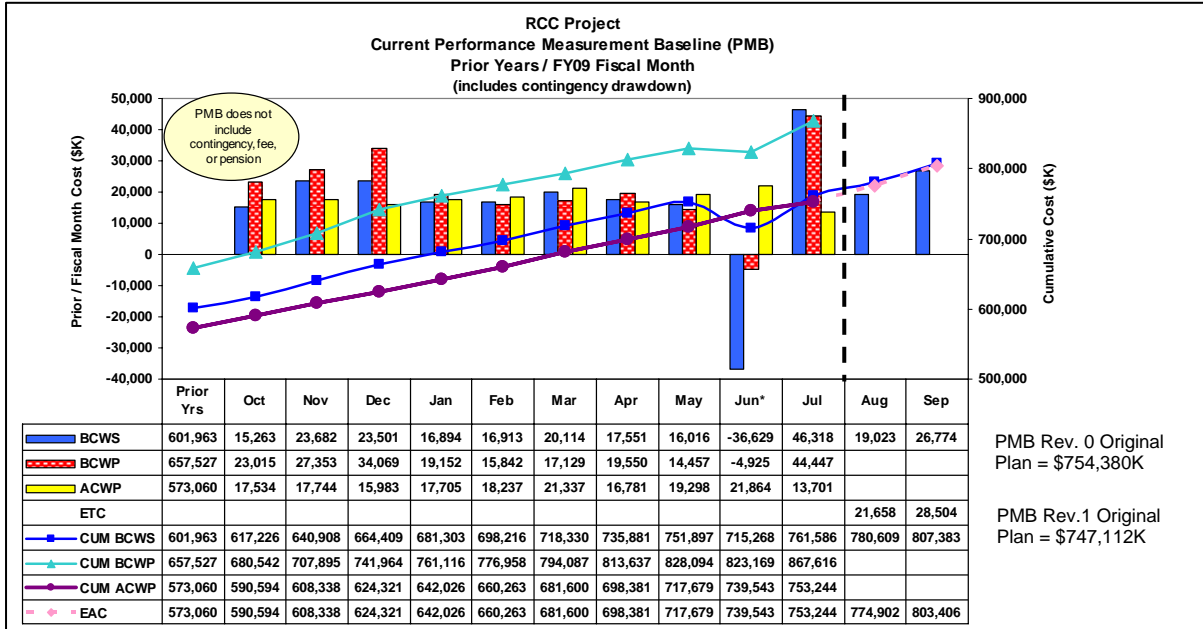
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TARGET COST STATUS:

Summary of FY09 IPB Target Cost and Cumulative Contract Cost:

	FY09 IPB Plan (\$K)	Cum to Date Plan (\$K) (through FY09)
PMB	\$205,420	\$807,383
Contingency	\$37,184	\$37,184
Target Cost	\$242,604	\$844,567
Pension	\$3,088	\$12,319
Target Fee	\$10,964	\$45,934
Contract Cost	\$256,656	\$902,820



*IPB Rev.1 (Mod 30) implemented in June

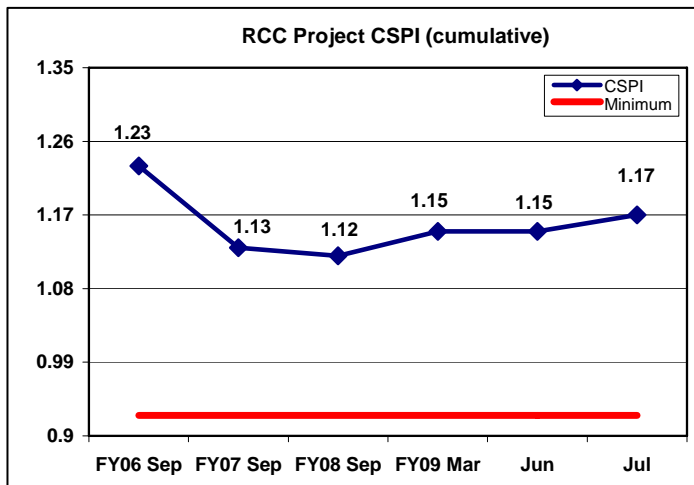
Note: ACWP does not include costs associated with \$1.1M funds transferred to Savannah River via DOE Inter-Entity Work Orders (IEWOs) for support services.

Schedule Variance (PMB): \$106,030K; 13.9%

- Acceleration of 300 Area and 100-N Area building demolitions.
- Stop-work at KE/KW Reactors ISS (RL direction).
- 105N/109N demolition/SSE subcontract was delayed due to increased focus on FR priority waste sites and associated quantity growth.
- Accelerated work at 100-DR burial grounds and accelerated completion of 100-B-14 and 100-C-9. Partially offset by delays at 300 Area waste sites and 618-10/11 Burial Grounds.
- Design of Cells 7-10, procurement and construction of Cells 7/8.

Cost Variance (PMB): \$114,373K; 13.2%

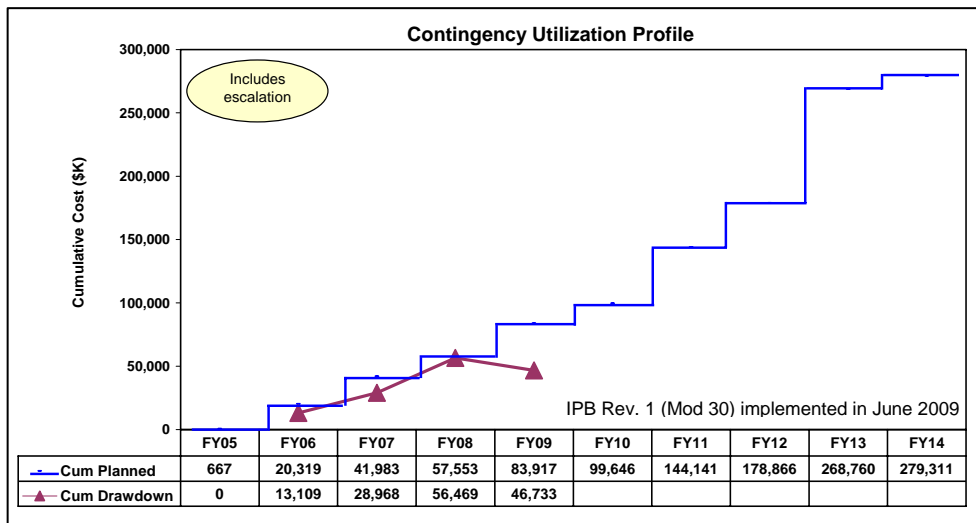
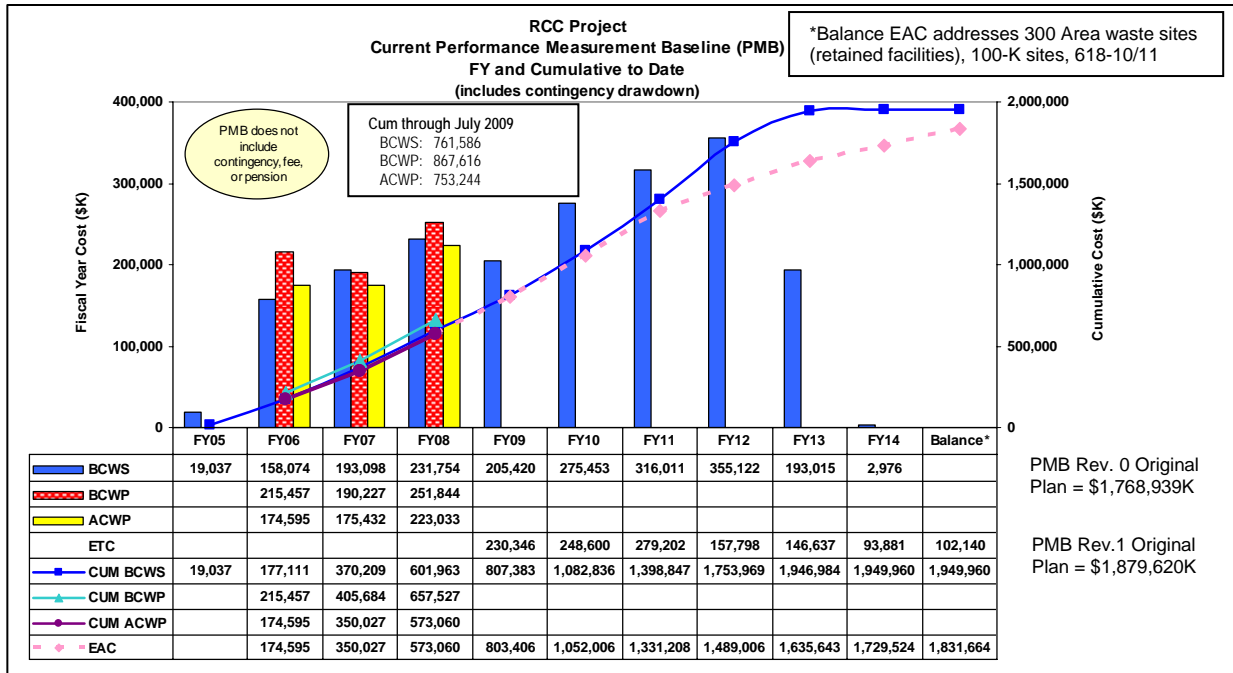
- Significant underruns experienced in 300 Area building characterization, deactivation, and demolition activities.
- Significant underruns in 300 Area utility charges and S&M activities.
- 100-D and 100-F Area burial ground remediation underruns. Partially offset by 618-7 anomalies, increased costs for 118-K-1 remediation and interim shutdown costs, and by significant project support costs at all active dig sites.
- ERDF cost overruns in transport, treatment, and disposal of waste due to operational issues; overrun in purchase and leasing of additional equipment; and transportation and disposal subcontractor mobilization.



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TARGET COST STATUS: (CONT'D)



Contingency Summary (\$K)
Total: \$279,311
Drawdown thru 7/09: 46,733
Contingency Balance: \$232,578

Cum Through FY09 Summary (\$K)
Total: \$83,917
Drawdown thru 7/09: 46,733
Contingency Balance: \$37,184

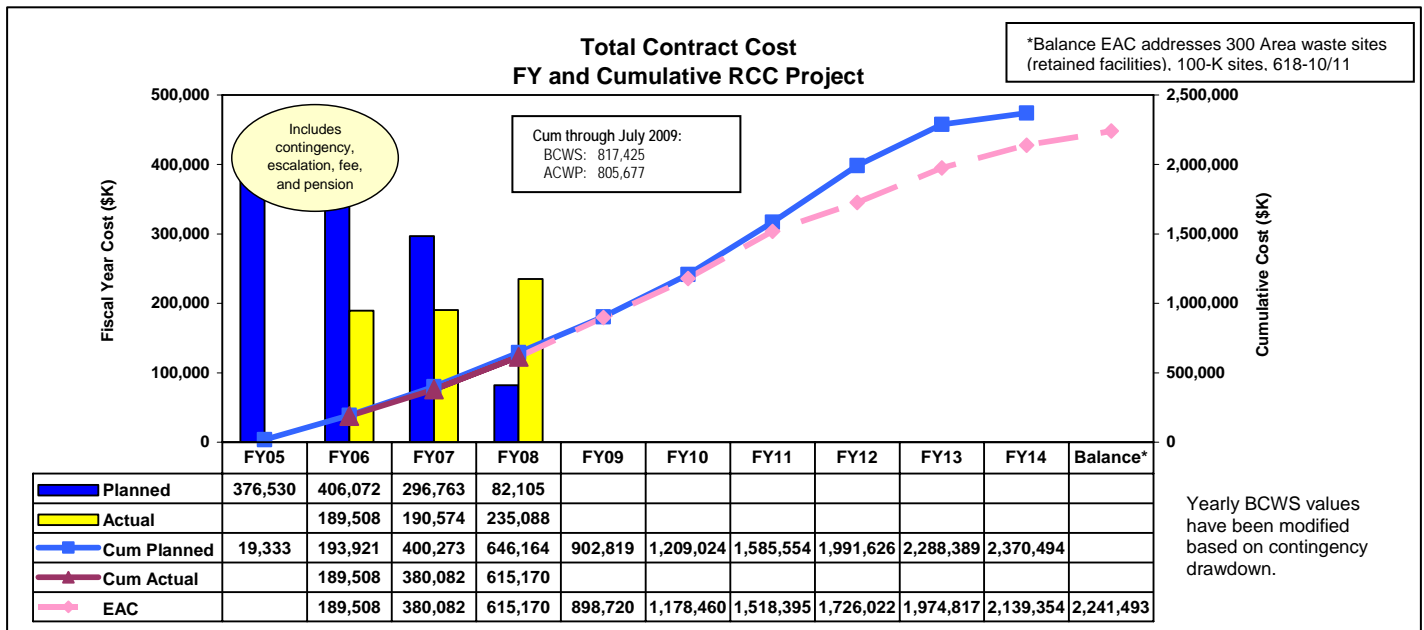
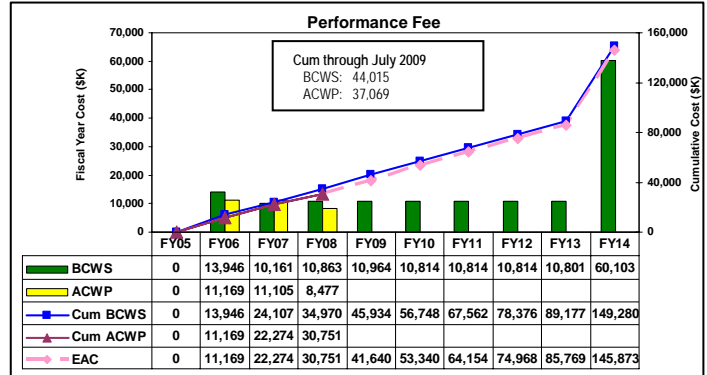
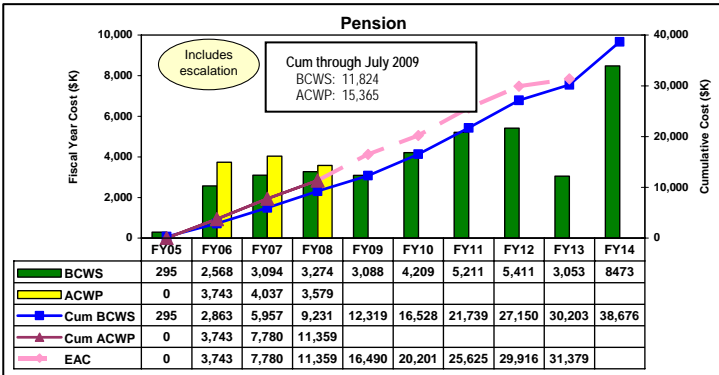
Distribution of \$46,733K cumulative contingency drawdown:

- \$ 71K - D4
- \$25,604K - FR
- \$10,551K - Waste Operations
- \$ 2,186K - ESFC
- \$ 8,322K - Mission/General Support

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TOTAL CONTRACT COST:



FUNDING:

Funding Summary (\$K) Period Ending 7/31/09										
	FY05	FY06	FY07	FY08	FY09	FY10	FY11	FY12	FY13	FY14
FUNDING PROFILE										
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
FUNDING ALLOCATION										
*Contract Allocation through 7/31/09 - By FY	23,402	174,170	205,059	234,133	228,323					
**Contract Allocation - Cumulative (through Mod #131 + IEWOs)	23,402	197,572	402,631	636,764	865,087					

* Does not include \$2,240K non-RCC funds

** Includes base contract and directed workspace (excluding ARRA)

TRENDS:

No significant trends identified this reporting period.

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ACCELERATION INITIATIVES:

The RCCAT utilizes cost underruns to accelerate workscope to the IPB planned amount. Key RCCAT actions through July 2009 relate to:

- 300 Area and 100-N Area facility deactivation and demolition accelerations; 300 Area S&M and utility charge 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.

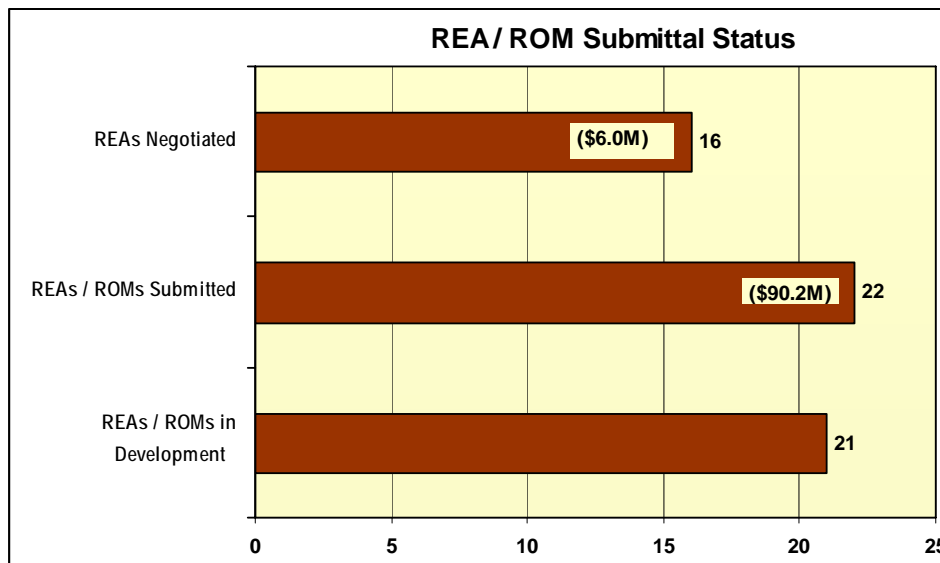
CHANGE CONTROL:

In May 2009, negotiations between RL and WCH concluded on a contract modification (aka Mod 30). Mod 30 is the one-time true-up to the contract scope allowed per the contract (WCH has managed the RCC contract via a provisionally approved IPB Rev. 0 since March 2006). Upon final negotiations, RL authorized implementation of Mod 30 to form a new IPB Rev. 1. Mod 30 negotiations did not append to the provisionally approved IPB Rev. 0; it simply replaced it based on the final negotiated values. The final negotiated Mod 30 value was \$398M, which when added to the original proposal value of \$1,948M, yields a revised total contract value of \$2,346M. In June and July 2009, a re-evaluation of all approved BCPs was made to determine if the respective BCP scope was included in the Mod 30 settlement, in which case, it was rescinded to avoid duplication. All others were re-entered into the new IPB Rev. 1.

There were seven non-Mod 30 BCPs incorporated into the IPB Rev. 1 in July. These included four Field Remediation and three Waste Operations BCPs including loadout of 116-H-9/116-H-5/118-H-6/118-H-1/-2/-3/-4 waste material (contingency drawdown); design, remediation, and disposal of three 100-B/C discovery sites (100-B-31/-32/-33); remediation and disposal of the 128-H-1 burn pit; and remediation/disposal of four failed confirmatory waste sites at 100-H Area (126-H-2/600-151/1607H-1/1607H-3). Three BCPs are also authorized unpriced work pending resolution and approval of contract requests for equitable adjustment (REAs).

REQUESTS FOR EQUITABLE ADJUSTMENTS (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.

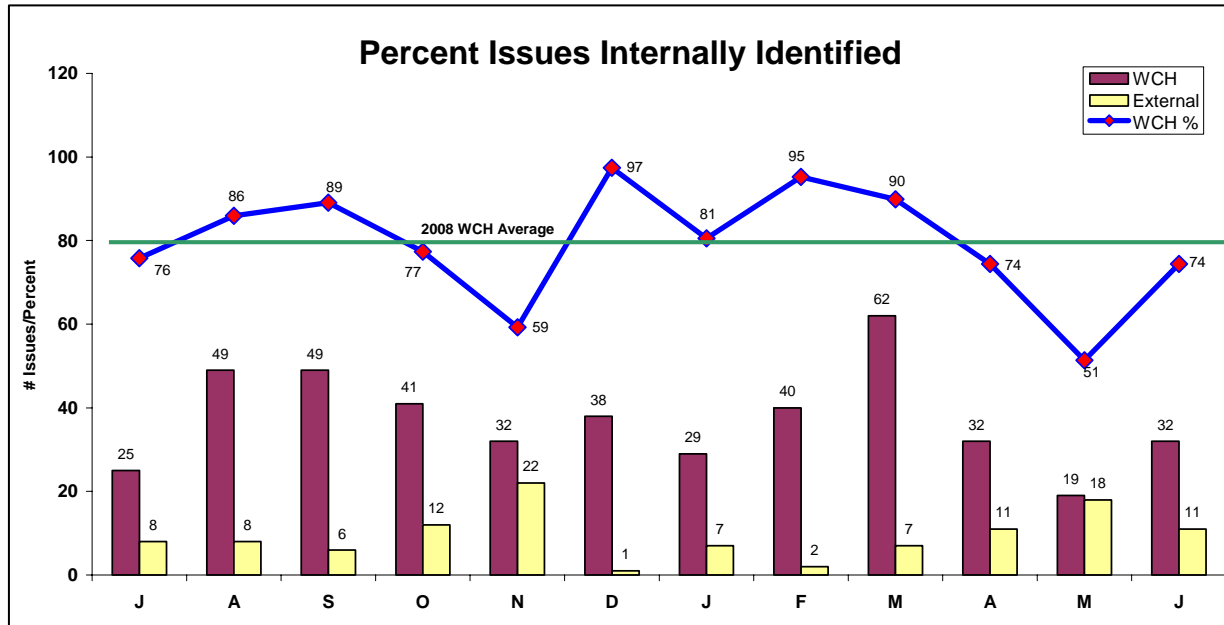


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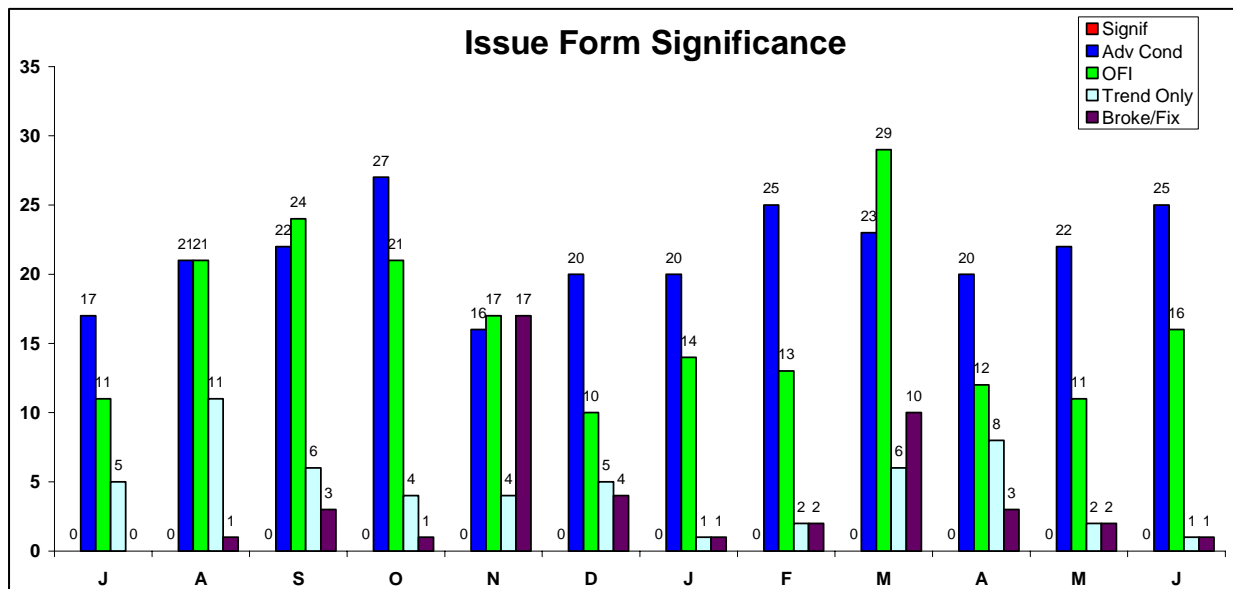
QUALITY:

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 is derived from the Corrective Action Management System (CAMS) and includes adverse conditions (AC) and opportunities for improvement (OFI). These charts illustrate data for a 12-month timeframe from July 2008 through June 2009.



Percent Issues Internally Identified:

- Analysis: Results primarily influenced by formal RL assessment activities and addition of Operational Awareness (OA) issues into the CAMS process. June level was at 74, and the 12-month average is at 80%. Based on preliminary information, two additional assessments are being performed that will have a significant number of issues indicating that July's numbers will be below expectations.
- Action: Continue to communicate appropriate use of the Issue Form (IF) system to document and address problems encountered by WCH personnel and activities.



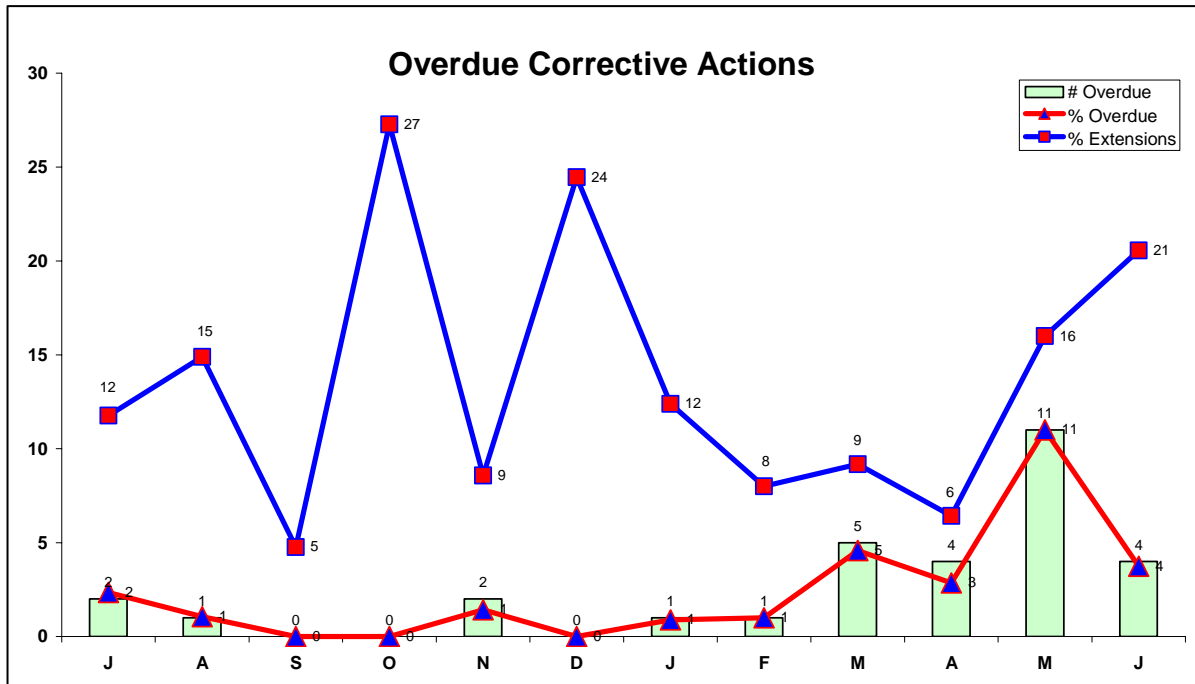
Issue Form Significance:

- Analysis: June numbers (41) are slightly below the annual rate (47), 12-month trend is showing a downward use of the IF system. While there still remains a healthy balance between adverse conditions and opportunities for improvement indicating a balance between corrective action and continuous improvement, the overall use of the process appears to be diminished.
- Action: Discussed appropriate use of the IF system to document adverse conditions and opportunities for improvement at Performance Indicator meeting in July 2009.

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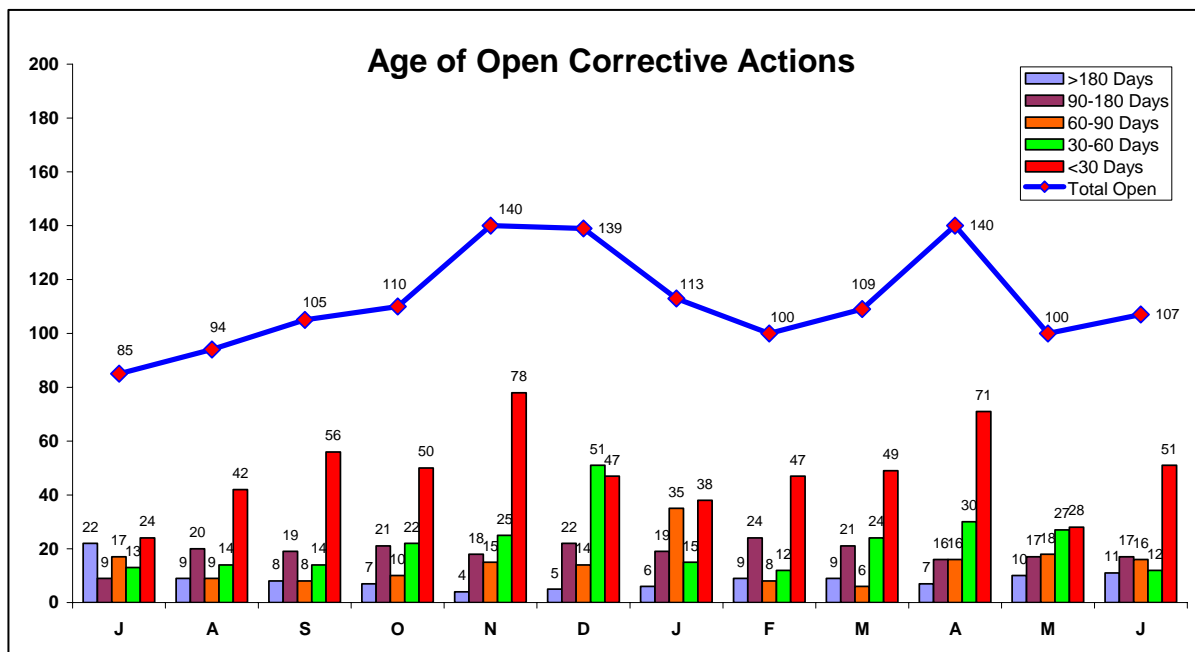


QUALITY: (CONT'D)



Overdue Corrective Actions:

- Analysis: June's data for overdue issues (4) was significantly better than May's data (11), however extension activity was high for June (22). The potential concern is that actions could be languishing. However, the average age of corrective actions is relatively stable showing that from a program health point of view; the extension activities are not having a negative impact. Overall performance has met or exceeded goal for eleven of the last twelve months. Issues are being appropriately managed.
- Action: Continue to monitor balance of extensions, overdue issues, and aging report to ensure appropriate focus on issues management.



Age of Open Corrective Actions:

- Analysis: The concentration of actions are in the <90-day category, and the total number of actions >90 days old are fairly stable. Overall age is still within acceptable levels.
- Action: Maintain a focus on greater than 90-day actions for appropriateness.

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SUBCONTRACTING GOALS:

Per Contract Section H.13:

WCH Self-Performed Work (\$K) (cumulative ACWP less Pension)	
WCH Direct Labor	\$235,991
All Other	\$554,321
Total	\$790,312
Percent Self-Performed *	29.9%

* Goal to be 40% or less
(excludes ARRA data)

As a function of subcontract commitments:

	Goal *	Oct 2008 - July 2009 (2nd 3-yr window)	ARRA	Total
Small Business	65.0%	97.7%	98.9%	97.9%
Small Disadvantaged	22.0%	7.0%	24.0%	9.7%
Woman-Owned	13.0%	4.9%	43.8%	11.2%
HUBZone Certified	4.5%	3.5%	10.5%	4.6%
Veteran-Owned	3.0%	3.3%	10.1%	4.4%
SD Veteran-Owned	3.0%	1.8%	10.9%	3.3%

*Per contract Section J.4

Small Business Subcontract Goal (\$K) (Inception through July 2009)	Previous Month	
Cum Funding Received (minus Pension portion)	\$852,768	\$805,283
Small Business Subcontract Committed through Current FY	\$342,535	\$338,797
Percent Committed *	40.2%	42.1%

* Goal to be 30% or greater
(excludes ARRA data)

ISSUES:

- Issue:** Two areas of chromium contamination have been discovered outside of any previously defined waste site boundary. The first location is near the remediated 100-D-12 chromate transfer station and directly over a known chromate groundwater plume. The other location is near the southwest corner of the remediated 100-D-30 waste site (190-D building). Ecology has verbally indicated they would not approve any waste site closure package associated with potential chromate contamination until these areas have been evaluated and additional vadose characterization completed for the 100-D Area. Due to the limited progress, Ecology requested RL to install an interim cover over these two waste sites. The following additional high priority sites have been identified: 100-D-73, 100-D-76, 100-D-77, 100-D-78, and 100-D-100.

Status: A meeting was held with RL on 7/29/09 to discuss the path forward for these sites. For 100-D-30, the Remaining Sites Verification Package (RSVP) will be completed and submitted for review and approval based on the verification sample data demonstrating the site is cleaned up. A new discovery site would be created for the southwest contaminated area that is not associated with 100-D-30. This new discovery site has been identified as 100-D-104. The other sites will be recommended for remediation. A follow up letter will be submitted to RL describing the recommended path forward.
- 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: Efforts between RL and Ecology to resolve comments have resulted in an agreement to enter into dispute. Once the RSVPs are submitted to Ecology, it is expected that Ecology will reject the Waste Site Reclassification Form (WSRF), thus elevating them to IAMIT. 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. Sites 128-H-2 and 128-H-3 are included in TPA Milestone M-16-51 (12/31/11).
- Issue:** The 132-H-3 Effluent Pumping Station is a confirmatory sampling site that was removed during D4 operations. Ecology requested RL to collect soil data. Because collection of soil samples would in essence remediate the site and be difficult and very costly, RL requested Ecology to consider evaluating the groundwater data. Ecology did not agree to using groundwater data to demonstrate protectiveness of the soil. At the 6/9/09 Brown Bag meeting, RL indicated dispute was the next step in the process. Ecology concurred.

Status: The RSVP and WSRF were finalized and transmitted to RL 7/23/09. RL was to formally submit to Ecology in anticipation that Ecology would reject the WSRF and the matter would enter dispute. This site is included in TPA Milestone M-16-51 (12/31/11). RL has indicated they are re-evaluating raising this site to IAMIT. A letter is being prepared to inform RL of the impacts to the milestone should additional work be required at this site.

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90-DAY LOOK AHEAD:

Major Activities:

D4 Closure Project

- Complete above-grade demolition of 107N (September).
- Complete below-grade demolition and loadout of 384 Power House (August).
- Complete demolition of 324 High Bay (August-September).

Reactor ISS Closure Project

- Complete waste removal and demolition of 109N (August-September).

FR Closure Project

- Complete 100-B/C Area loadout (August).
- Initiate truck and pup loadout of 128-H-1 (August).
- Issue award for 100-IU-2/6 remediation (September).

Waste Operations Project

- Receive found fuel containers 1-3 (August).

End State and Final Closure Project

- Finalize package to support RL letter to Ecology and EPA documenting use of RESRAD as an appropriate fate and transport model for chemical constituents in final decision making (August).
- Complete fish collection activities for walleye, sturgeon, sucker, and carp to support the remedial investigation for Hanford Site releases to the Columbia River (August-September).
- Submit Draft A 100-FR-2 *Operable Unit Interim Remedial Action Report* to RL and EPA for an expedited two-week review (late August); issue Rev. 0 by 9/30/09.

Mission/General Support

- Develop and implement corrective actions plans to address the DOE Type B Investigation Report (August-October).
- Complete corrective action plan for 327 building contamination events (September).
- Analyze and develop corrective actions in response to the opportunities for improvement (OFI) identified in the DOE Voluntary Protection Program (VPP) report (September-December).
- Complete FY09 closeout activities (September).

ARRA Workscope

- Initiate 618-10 surface geophysical delineation of vertical pipe units (VPUs) (August).
- Begin ERDF Super Cell 9 excavation (August).
- Receive 6 other Hanford contractor (OHC) ready-to-serve (RTS) shuttle trucks (September).
- Submit ARRA proposed performance baseline (August).
- Submit Disclosure Statement revision incorporating ARRA rate methodology and Waste Disposal Operations readiness-to-serve OHCs allocation methodology to RL for review and approval (October).

GFS/I:

A total of 116 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	66	Risk Mitigation Actions (To Go) PLANNED	81
Risk Items CLOSED	28	Risk Mitigation Actions COMPLETED	108
Risk Items ON HOLD	38	Risk Mitigation Actions PENDING	12
Risk Items CANCELLED	7	Risk Mitigation Actions ON HOLD	57
Total WCH Risk Items	139	Total Risk Mitigation Actions	258

Risk Items and Mitigation Actions Closed or Modified This Period

CS-002 - Target End States (Risk Score: Low) Risk Open

Risk Item: Risk assessment scope for the 100 and 300 Areas, when complete, may identify residual human health and/or ecological risk in source operable units. Impact: Additional unplanned excavation could be required at one or more waste sites to remove residual risk. This would impact cost and schedule performance.

Status: Open. This risk is being re-evaluated and revised based on current knowledge; CS-002 Rev. 1.

FR-064 - 100-N Area Bioremediation Pilot (Risk Score: Medium) Risk Open

Risk Item: Pilot project is unable to demonstrate bioremediation of the deep petroleum-contaminated soils. Alternative remediation technology may be required. The likely technology would be remove, treat, and dispose of the petroleum-contaminated soils to ERDF requiring a ROD amendment. This would add costs to the project associated with sunk funds used on bioremediation and costs to change the ROD, redesign, and implement remediation.

Mitigation 2 Status: Open. Boreholes have been installed. Phase 1 of the bioremediation to begin September 2009.

SDCV-002 - 100-H Mud Dauber Contamination (Risk Score: Low) Risk Closed

Risk Item: 100-H confirmatory sites sampling is predicated on mud dauber contamination being remediated. Scope and schedule will be significantly affected if remediation is delayed.

Mitigation 2 Status: Closed. Field Remediation, with SDCV support, worked closely with Ecology to develop a remediation strategy for 100-H-37 (mud daubers). The agreed upon strategy is being implemented in the field. Upon completion of remediation, a verification work instruction will be prepared to support verification sampling and subsequent site closure.

Prior Months Pending/Ongoing Risk Items

- CS-002 Target End States
- 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-012 Uranium Chips
- 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-062 Rev. 1 Newly Discovered Orphan Sites
- FR-063 Rev. 1 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

RIVER CORRIDOR CLOSURE PROJECT
EXECUTIVE SUMMARY
July 2009 Monthly Report



Prior Months Pending/Ongoing Risk Items (cont'd)

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

August 2009

- SDCV-001- 100-N Pipeline Subsets

September 2009

- D4-006R1 Structural Integrity of Heavy Lifts
- D4-011R1 Late Turnover of PNNL Facilities

October 2009

None

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

- FR-077 - Field Remediation identified a new risk for - Partial Remaining Sites Verification Package.
- FR-078 - Field Remediation identified a new risk for - Petroleum Waste Sites Removal from ROD.
- 618-10/11 - WCH-216 Rev. 0, 600 Area Non-intrusive Characterization Risk Register, has been submitted to RL. 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

July 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-029 - B Reactor Roof - Phase II (7/2/08)
WCH-REA-031 - 100-D Hydraulic Hammer Rig Sample Analysis (CRC fieldwork)
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-043 - MSC Transition (10/23/08) - negotiations complete 6/10/09
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

REAs / ROMs Submitted:

WCH-REA-005R1 - DOE CRD O 151.1C - Comprehensive Emergency Management System
WCH-REA-015 - Design/Remediation for Three 100-B/C Area Sites (100-B-20, 100-B-25, 100-B-28) (7/1/09)
WCH-REA-021 - CRD O 205.1 Rev. 0 - Energy Cyber Security Management (1/9/08), RL NTP received 3/31/08
WCH-REA-022 - 618-10/11 Phase II Characterization Plan, BIO, SAP, ENW Support (3/2/09)
WCH-REA-023 - Four 100-D Area Confirmatory Sites (high priority potential chromium sites) (4/30/09)
WCH-REA-025 - Lockout Tagout (7/9/09)
WCH-REA-032 - 100-F Shoreline Investigation (3/17/09)
WCH-REA-036 - Columbia River Component (CRC) Phase III (4/22/09)
WCH-REA-044 - Confirmatory Sampling Process for 42 100-IU-2/6 Area Sites (4/16/09)
WCH-REA-045 - H Area Confirmatory Sites (3/10/09)
WCH-REA-048 - Groundwater Integration (6/25/09)
WCH-REA-050 - CRD O 450.1A, Environmental Protection (7/23/09)
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)
WCH-REA-063 - D Area Confirmatory Sites (FY09) (3/10/09)
WCH-REA-064 - D Area Design & Remediation #1 (128-D-2) (4/15/09)
WCH-REA-065 - Confirmatory Sampling Process for 10 100-K Sites (7/1/09)
WCH-REA-066 - 100-B/C Remediation for 100-B-31, 100-B-32, 100-B-33 (3/19/09)
WCH-REA-069 - Implementation of RRD 008 Rev. 1 (7/23/09)
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)
WCH-REA-076 - Development and Implementation of the DOE Tribal Use Scenario into RCBRA (7/1/09)
WCH-ROM-034 - DOE O 243.2, Supp. Rev. 0, Vital Record Changes (7/22/08)
WCH-ROM-073 - Implementation of CRD DOE O 200.1A - Information Technology Management (4/27/09)

REAs / ROMs in Development:

WCH-REA-014 - 100-F-26:7 Pipeline Remediation - CANCELED
WCH-REA-019 - 300 Area Utilities
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)
WCH-REA-042 - Chronic Beryllium Disease Prevention Program
WCH-REA-047 - 100-D Area Bat Caves (100-D-50:2 and 100-D-50:3)
WCH-REA-053 - B Reactor Museum Improvements - CANCELED
WCH-REA-054 - ERDF Performance Assessment
WCH-REA-055 - Fee Request for OHC Scope
WCH-REA-056 - 183D Demolition
WCH-REA-058 - B-Reactor Transition of S&M
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.
WCH-REA-061 - H Area Remediation #3 (Remediation of 100-H-3, 100-H-4, 100-H-28:3 & :4 & :5)
WCH-REA-062 - H Area Remediation #4 (Design & Remediation of 100-H-8, 132-H-3, 100-H-28:2 & :7)
WCH-REA-067 - N-Reactor Alternate Disposition
WCH-REA-071 - Demolition of 331 Hog Barns
WCH-REA-074 - Cost Impact to B-Reactor Partial ISS/Hazardous Material Reduction as a Result of Changed Conditions in Work Performance.
WCH-REA-075 - Removal of 100-N Sewer Lagoon (1904N) from RCC Contract (descope)
WCH-REA-077 - Conversion from P3 to P6
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

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



SAFETY:

Inception to Date: 76 first aids; 9 recordable-only; 1 lost restricted; 2 lost work days
FYTD: 10 first aids; 2 recordable-only; 1 lost work day
Current Month: 1 lost work day (fall - multiple injuries)

ACCOMPLISHMENTS:

100 Area

- Commenced above-grade demolition of 107N Recirculation Cooling Building.
- Completed above-grade loadout of 1310N Golf Ball.
- Continued loadout of 1310N Golf Ball berm dirt.



Demolition of 107N Building

Surveillance & Maintenance (S&M) / Utilities

- Submitted waste water permit to RL for concurrence and transmittal to city of Richland (awaiting city response and public comment period).
- Continued construction of retention process sewer (RPS) reroute at TEDF facility.
- Completed information technology (IT) construction and testing.
- Received RL notice to proceed with B-Reactor hazard mitigation workscope.

300 Area

- Started demolition of 332 Packaging Test Facility.
- Continued loadout of 335 Sodium Test Facility.
- Continued below-grade demolition and loadout of 384 Power House.

324 Chemical Engineering Lab / 327 Post-Irradiation Test Lab

- Continued cutting hot cells from 327 building.
- Completed cold/dark utility isolations in 324 High Bay.
- Conducted training with vendor for 324 B-cell decontamination process.



Core Drilling the 327 Building SERF Cell

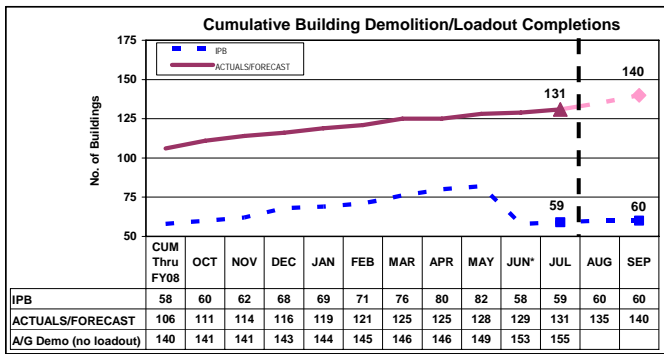
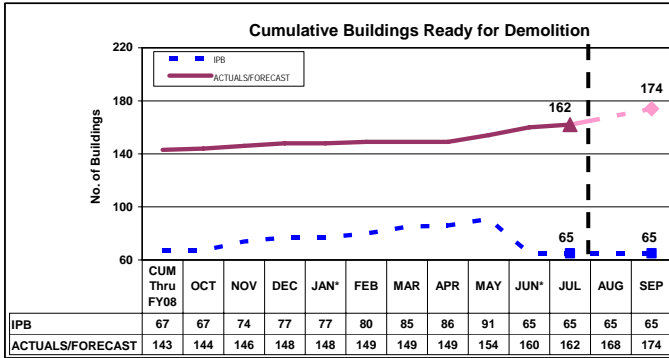


327 F Hot Cell Wire Saw Cutting (85% cut)

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



D4 METRICS:



*IPB Rev. 1 (Mod 30) implemented in June

TPA MILESTONES:

To date, four D4 Closure Project TPA milestones were accomplished on (1) or ahead (3) of schedule. D4 FY09/10 TPA milestones include:

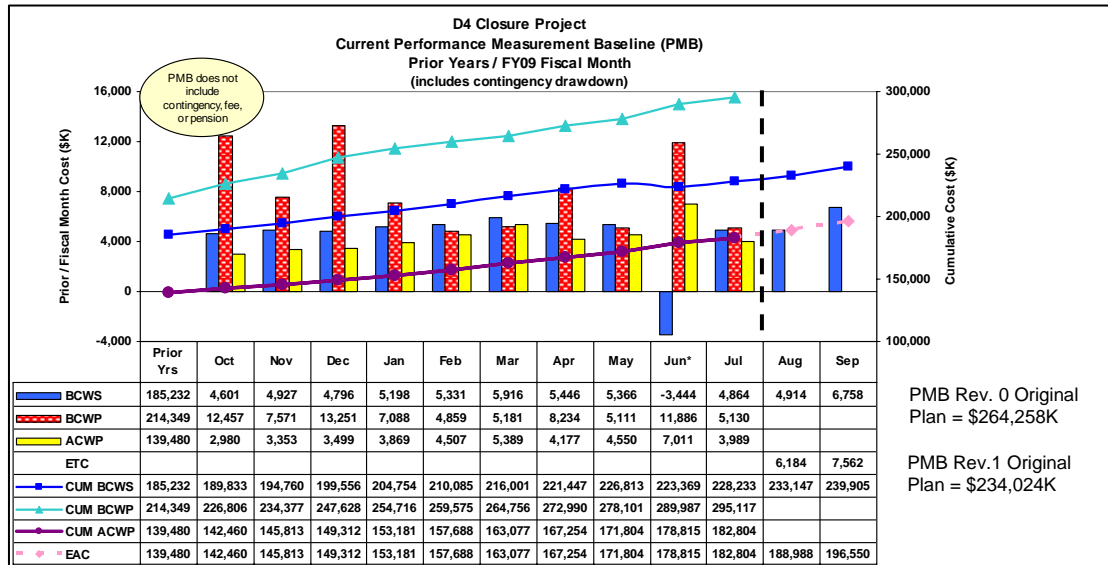
- M-94-07 Complete** Complete the Selected Removal and/or Remedial Actions that are Selected for 6 of the following 19 High Priority Facilities: 305B, 306E, 306W, 307 Retention Basins, 308, 309, 321, 323, 324, 324B, 325, 326, 327, 329, 333, 340, 3706, 307 Trench, and 3720; to include the 306E, 306W, 3720, and 305B Facilities (due 12/30/09). *Completed on 3/23/09 upon approval of closeout documentation. 3706 above-grade loadout completed 7/19/07; 306W above-grade loadout completed 12/15/07; 3720 below-grade loadout completed 10/21/08. Additionally 305B, 306E, 333 completed 3/13/08 under M-94-06.*
- M-89-00 Due 9/30/10** Complete Closure of Non-Permitted Mixed Waste Units in 324 Building REC B-Cell, REC D-Cell, and High Level Vault. *Milestone change request completed public review. Milestone is on schedule to proposed date.*
- M-94-03 Due 9/30/10** Complete Disposition of Following Surplus Facilities: 303M, 332, 333, 334, 334A, 3221, 3222, 3223, 3224, 3225, 324, 324B, 327. *Milestone change request completed public review. Milestone is on schedule to proposed scope.*

PERFORMANCE MILESTONES:

All D4 Closure Project prior-year performance milestones were completed ahead of schedule. D4 Closure Project FY09/10 performance milestones include:

- 6/30/09 Complete** Complete Building 3720 Demolition. *Below-grade loadout completed 10/21/08. Final closure documentation approved on 3/23/09.*
- 9/30/09 On schedule** Complete 118-H-1 Loadout, 1310N Above-Grade Demolition and Contaminated Berm Loadout, and 107N T-1 Tank Disposal. *118-H-1 loadout (for IPB planned quantity) completed on 1/28/09.*
- 6/30/10 On schedule** Complete Building 327 Demolition.
- 9/30/10 Behind** Complete Building 324 Demolition. *Behind schedule to pre-Mod 30 performance milestone date. Milestone will require revision after Mod 30 implementation.*

TARGET COST STATUS:



*IPB Rev. 1 (Mod 30) implemented in June

PMB Rev. 0 Original Plan = \$264,258K

PMB Rev.1 Original Plan = \$234,024K

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



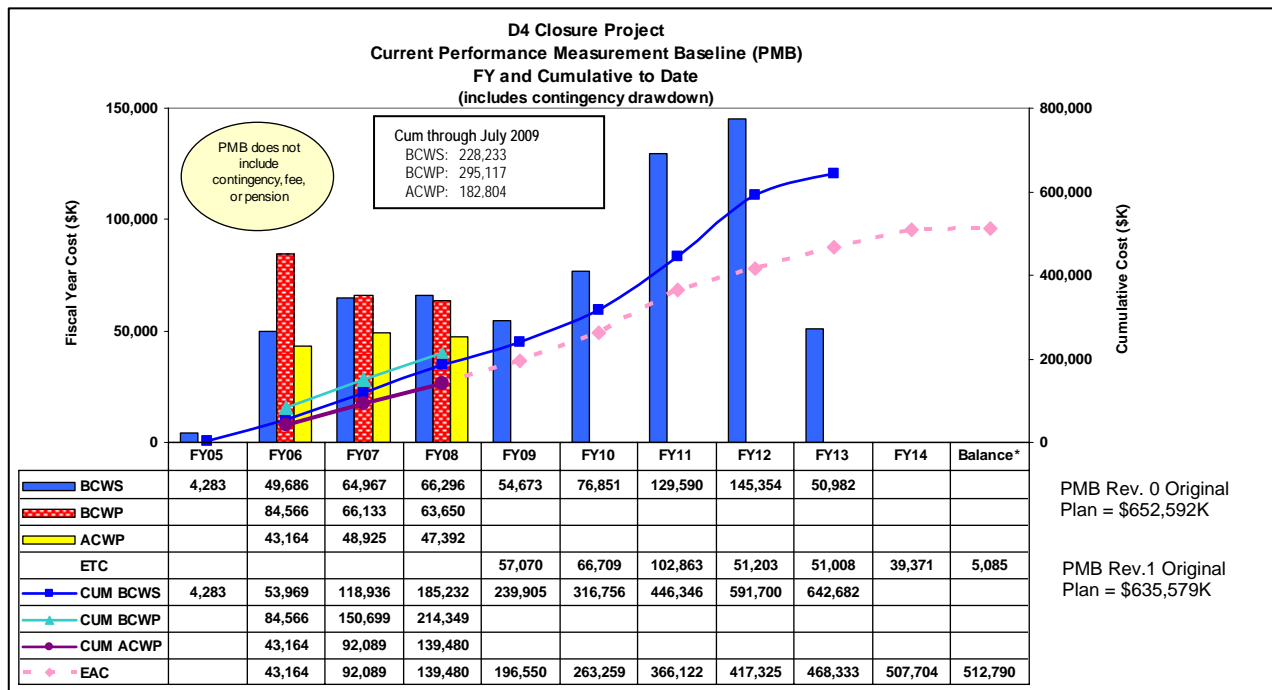
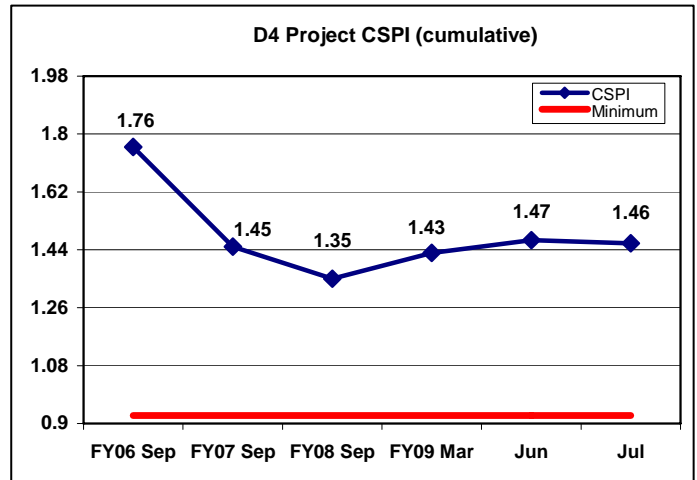
TARGET COST STATUS: (CONT'D)

Schedule Variance: \$66,884K; 29.3%

- Acceleration of numerous 300 Area and 100-N Area building demolitions account for favorable schedule variance. IPB Rev. 1 plan was for demolition of 59 buildings through July 2009, while 131 have been completed.
- Earned value technique for LOE management and support and nonsite 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: \$112,313K; 38.1%

- 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

- Complete above-grade demolition of 107N (September).
- Commence deactivation of 105NE Fission Product Trap (September-October).
- Complete deactivation of 181N and 181NE (August-October).
- Complete deactivation of 117N Air Filter Building and 117NVH Valve Control House (August -October).
- Recommence deactivation and asbestos abatement of 182N High-lift Pump House (September-October).

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



90-DAY LOOK AHEAD: (CONT'D)

Major Activities:

300 Area

- Complete below-grade demolition and loadout of 384 Power House (August).
- Complete demolition of 332 Packaging Test Facility (August).
- Complete demolition of 336 High Bay Testing Facility (August).
- Complete deactivation activities for 315 complex (August-September).
- Remove asbestos-containing material (ACM) from 3718M (August-October).
- Continue deactivation and decommissioning of 308 Fuels Development Laboratory and 309 Plutonium Recycle Test Reactor (August-October).
- Continue shipping 308 gloveboxes to Perma-Fix (August-October).
- Complete deactivation of 3621D (September-October).

324 Chemical Engineering Laboratory / 327 Post-Irradiation Test Laboratory

- Complete demolition of 324 High Bay (August-September).
- Complete cutting hot cells from 327 (September).
- Perform 324 B-cell decontamination (September).

S&M / Utilities

- Complete construction of RPS reroute in TEDF Area (August).
- Obtain city of Richland waste water permit and complete RPS tie-in work and system testing (September).
- Complete construction of the 300 Area storm water reroutes/modifications (August).
- Complete 331 electrical construction (August).
- Initiate 3621D and 352E electrical isolations; complete cold/dark documents (August).
- Initiate closure planning for 3621 B/C backup electrical power facilities (October).
- Award Lift Station #11 construction (August).
- Complete design of 300 Area water distribution system (August).
- Complete design of 385 water pump skid (August); complete RFP, bid, and award (September).
- Initiate 325 backup electrical modifications (August); complete reroute (September).
- Complete temporary electrical power fabrication action and field work for 324 (August-September).
- Develop statement of work for 300 Area water distribution system rehabilitation work (August); complete RFP and award (September); initiate work (October).
- Complete utility isolations for MO-274 and MO-275 trailers (August).
- Complete transition of 310 TEDF and 340 facilities from CHPRC (August-September).
- Prepare transition plan for 3790 from FH to WCH S&M (September).
- Support 618-10 utility planning (August-September).
- Develop utility isolation plans/work documents to support 400 Area D4 activities (August); implement (September).
- Award contract for 100-N water line construction project (August); mobilize subcontractor (September); complete construction (October).
- Initiate transition actions of the 100-N sewer lagoon to FH (MSA contract) (August).
- Complete 1120N water services relocation to Energy Northwest (September-October).
- Prepare and initiate actions for B-Reactor hazard mitigation work plan (August-September).
- Initiate field work for B-Reactor filter press removal (October).
- Prepare D-Reactor 5-year inspection work package (August); complete inspection (September).
- Prepare work package for H-Reactor 5-year inspection (October).

GFS/I Actions:

Activity	Planned Submittal Date to RL	Requested Return Date from RL
RL Review/Approve 324 Basis of Interim Operation (BIO) Addendum #2 (Grouting)	6/3/2009 (A)	8/11/2009

REGULATORY INTERACTIONS:

None for this reporting period.

RIVER CORRIDOR CLOSURE PROJECT
REACTOR INTERIM SAFE STORAGE CLOSURE PROJECT
 July 2009 Monthly Report



SAFETY:

Inception to Date: 13 first aids; 2 recordable-only, 1 lost work day
 FYTD: 2 first aids; 1 recordable-only
 Current Month: 1 first aid (heat stress)

ACCOMPLISHMENTS:

105N Reactor / 109N Heat Exchanger Building

- Continued 105N C-Elevator Pit sample preparation.
- Continued development of 105N C-Elevator Pit Stabilization Plan.
- Continued development of 105N C-Elevator Pit Waste Profile/Site-Specific Waste Management Instruction (SSWMI).
- Continued with 105N northeast corner above- and below-grade loadout.
- Continued with 109N above- and below-grade loadout.

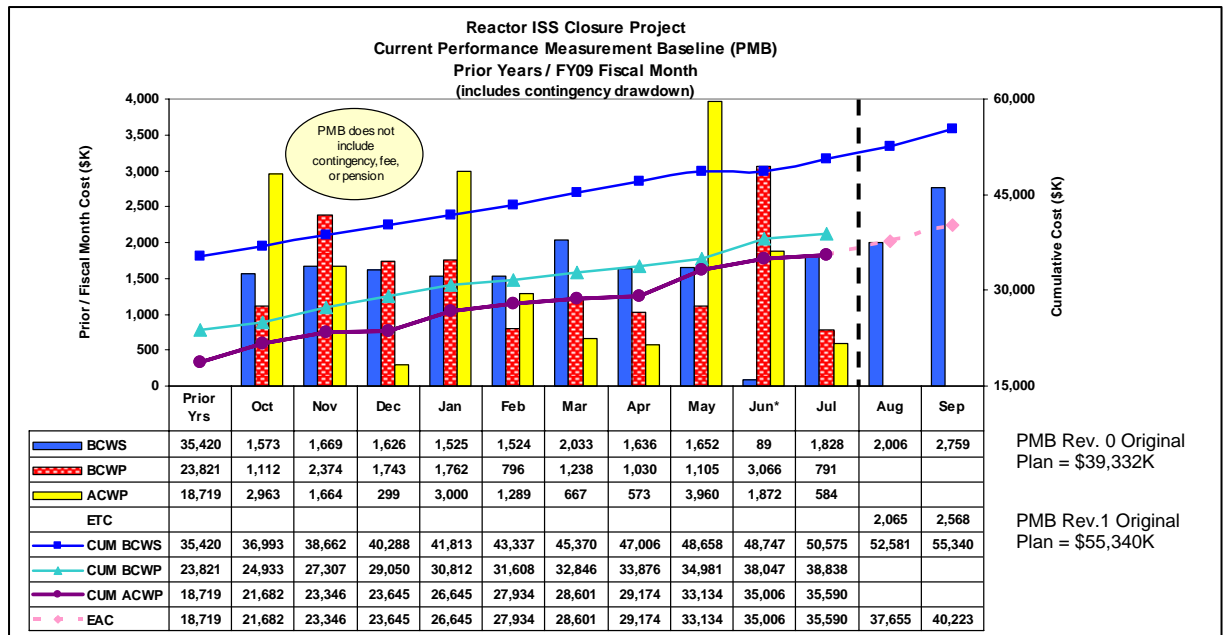


109N Below-Grade Demolition

TPA MILESTONES / PERFORMANCE MILESTONES:

To date, three Reactor ISS Closure Project TPA milestones were accomplished ahead of schedule. There are no FY09/10 TPA milestones for the Reactor ISS Project. There are no performance milestones for the Reactor ISS Closure Project.

TARGET COST STATUS:



*IPB Rev. 1 (Mod 30) implemented in June

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



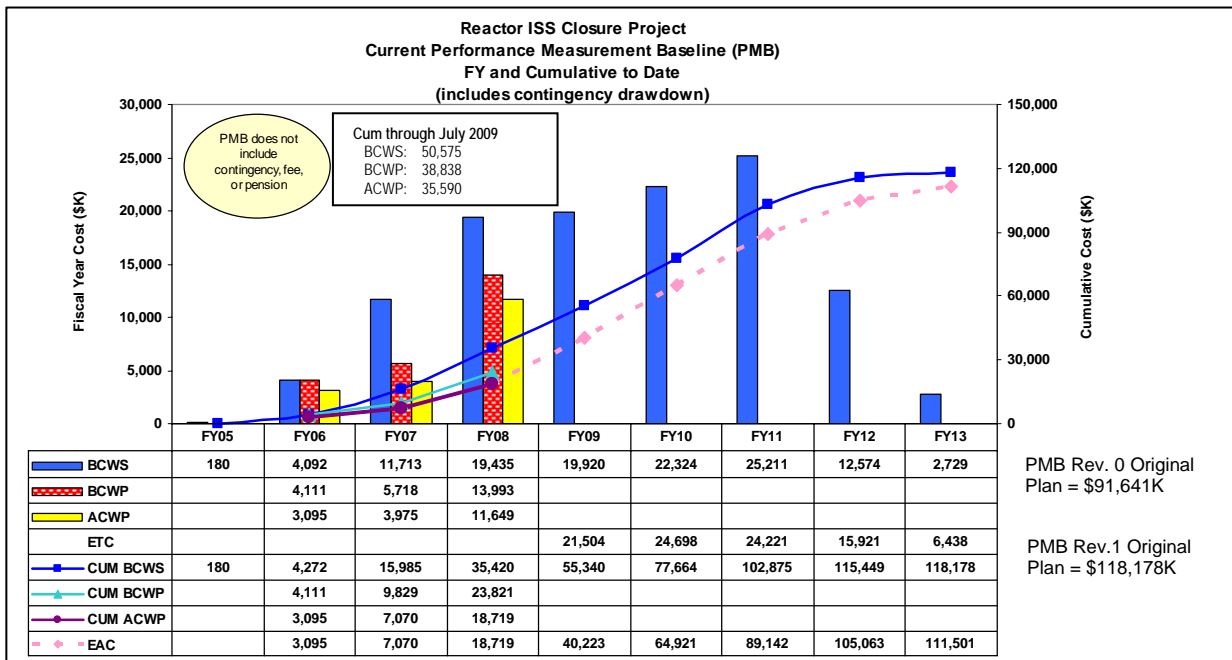
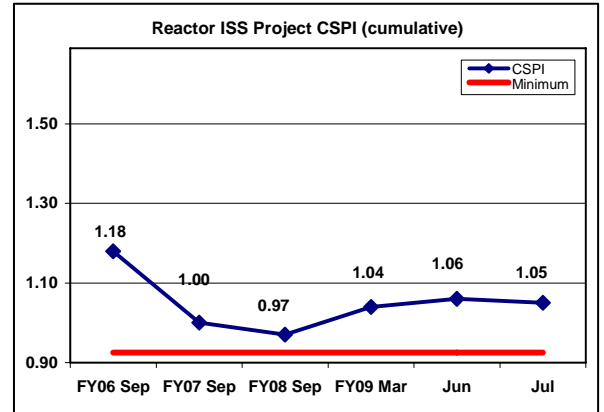
TARGET COST STATUS: (CONT'D)

Schedule Variance: (\$11,737K); (23.2%)

- 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: \$3,249K; 8.4%

- N-Reactor ISS planning and documentation required fewer resources than planned.
- H-Reactor ISS completed under budget.
- 109N/105N asbestos abatement accomplished under budget.



ISSUES:

None for this reporting period.

90-DAY LOOK AHEAD:

Major Activities:

100-N Area

- Complete waste removal and demolition of 109N (August-September).

GFS/I Actions:

None for this reporting period.

REGULATORY INTERACTIONS:

None for this reporting period.

RIVER CORRIDOR CLOSURE PROJECT FIELD REMEDIATION CLOSURE PROJECT

July 2009 Monthly Report



SAFETY:

Inception to Date: 31 first aids; 5 recordable-only
FYTD: 6 first aids; 1 recordable-only
Current Month: 2 first aids (foreign body in eye, bite/sting)

ACCOMPLISHMENTS:

100-B/C Area

- Completed loadout at 100-B-19, -22, -27, and -28.
- Started loadout at 100-B-21:4.
- Collected verification samples at 100-B-25.
- Completed excavation and loadout at 100-B-32.

100-H Area

- Completed excavation and loadout at 118-H-1.
- Completed bulk excavation and loadout at 100-H-37 (mud dauber area)
- Continued excavation, sorting, and loadout at 118-H-6 (oil stains in decon pads).
- Began excavation of 128-H-1 Burn Pit.



Groundwater Found in Bottom of Excavation at 128-H-1 Burn Pit

100-K Area

- Awarded subcontract for 118-K-1 remediation.
- Began mobilization activities for 118-K-1 backfill.

100-IU-2 / 100-IU-6

- Awarded the archeology support contract.
- Started preparations to support the archeology work.
- Continued to support activities to award the remediation contract.

300 Area

- Continued cleanup of 618-1.
- Continued demolition of slabs and processing of concrete debris.

Engineering Design

- Continued accelerated design for new 100-H Area waste sites.
- Continued 100-N Bioremediation electrical installation activities.
- Continued 118-K-1 Silo Design - briefed RL and EPA.
- Issued revised 300 Area RDR/RAWP and 300 Area SAP documents.
- Began revising 300 Area RDR/RAWP for inclusion of 618-10 under ARRA.

100-D Area

- Continued remediation of 118-D-1 and 118-D-2.
- Completed verification sampling for 600-30.
- Initiated truck and pup loadout at 628-3.
- Initiated excavation and sorting for 128-D-2.
- Continued overburden and loadout of the 100-D-31 pipelines.



Truck and Pup Loadout at 100-D Area

Sample Design and Cleanup Verification

- Received RL and EPA approval of the 100-F-53 waste site reclassification form (WSRF). 100-F Area confirmatory scope is 100% complete.
- Continued preparing work instructions for 15 of the 17 100-H Area sites. Obtained notice to proceed (NTP) to prepare RTD memos for 2 of the 17 sites.
- Obtained RL/regulator approval for 100-B-25 and 116-H-9 verification sample designs and 100-H-55 confirmatory sample design.
- Supported RL in preparation of an IAMIT dispute for waste sites 128-H-2 and 128-H-3. The revised WSRF and Remaining Sites Verification Package (RSVP) were formally transmitted from RL to Ecology 7/23/09.
- Transmitted the following confirmatory work instructions for RL/regulator Draft A review in July: 100-D-63, 100-H-39, -40, -41, -44, -45, -46, -48, -49, -52, and 100-K-78.

618-10/618-11 Burial Ground

- Completed WCH and RL review of Energy Northwest Memorandum of Understanding.
- Received RL approval for 618-10/11 Basis for Interim Operations (BIO) and issued Safety Evaluation Report.
- Issued 618-10/11 Emergency Preparedness Hazards Assessment (EPA) for RL approval.

ARRA - 618-10 Burial Ground

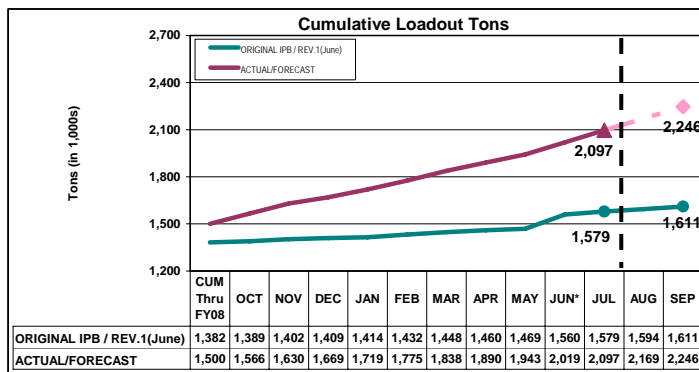
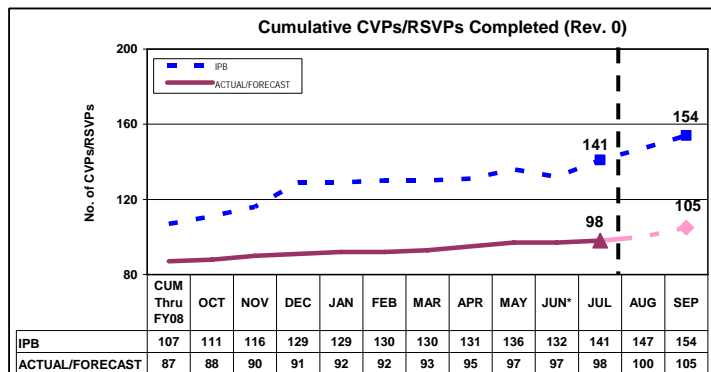
- Initiated 618-10 non-intrusive characterization (NIC) mobilization activities.
- Continued records research activities to supplement those records obtained during the design solution.
- Awarded subcontract for 618-10 site infrastructure design.

RIVER CORRIDOR CLOSURE PROJECT FIELD REMEDIATION CLOSURE PROJECT

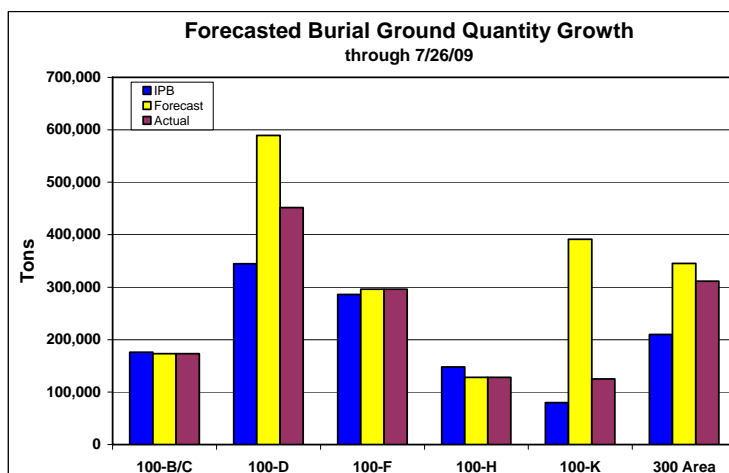
July 2009 Monthly Report



METRICS:



*IPB Rev. 1 (Mod 30) implemented in June



TPA MILESTONES:

To date, 11 Field Remediation Closure Project TPA milestones were accomplished on (1) or ahead (10) of schedule. Field Remediation FY09/10 TPA milestone activities include:

- **M-16-49 - Complete** Complete Interim Remedial Action for 100-F Area (due 12/31/08). *Completed on 12/1/08.*
- **M-16-61 - Complete** Complete Interim Remedial Actions for 618-2, 618-3, 618-5, 618-7 (12/31/08). *Completed on 12/29/08.*
- **M-16-94A - Complete** Initiate Interim Remedial Actions at 100-B-28 Waste Site (3/16/09). *Completed on 2/5/09.*
- **M-16-51-T01 - Due 12/31/09** Complete Excavation of 1 of 5 100-H Burial Grounds (118-H-1, -2, -3, -4, or -5). *On schedule.*
- **M-16-64 - Due 9/30/10** Complete Interim Remedial Actions for 300-259, 303-M SA, 303-M UOF, UPR-300-46, UPR-300-17, and 618-1. *On schedule.*

PERFORMANCE MILESTONES:

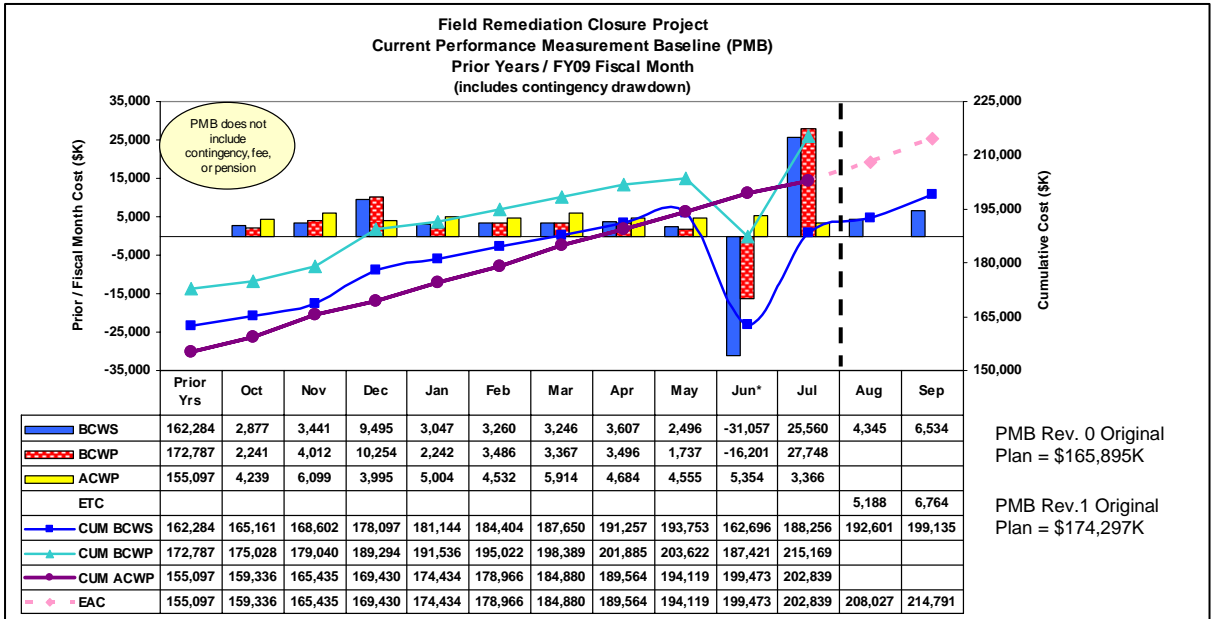
All Field Remediation Closure Project prior-year performance milestones were completed on or ahead of schedule. FR Closure Project FY09/10 performance milestones include:

- 12/31/08 **Complete** Complete 100-D-32, 100-D-45, and 100-D-40 Loadout. *Completed on 7/30/08.*
- 3/31/09 **Complete** Complete 618-13 and 100-D-41 Loadout. *Completed on 2/2/09.*
- 9/30/09 **On schedule** Complete 118-H-1 Loadout, 1310N Above-Grade Demolition and Contaminated Berm Loadout, and 107N T-1 Tank Disposal. *118-H-1 loadout (for IPB planned quantity) completed on 1/28/09.*
- 12/31/09 **Ahead** Complete Construction of ERDF Cells 7/8 and Complete 618-1 Loadout. *ERDF cells completed 5/7/09; 618-1 loadout completion scheduled for October.*
- 3/31/10 **To be renegotiated** Complete 116-KW-2 Loadout. *Most of 100-K Area scope was transitioned to CHPRC 10/1/08.*

RIVER CORRIDOR CLOSURE PROJECT FIELD REMEDIATION CLOSURE PROJECT July 2009 Monthly Report



TARGET COST STATUS:



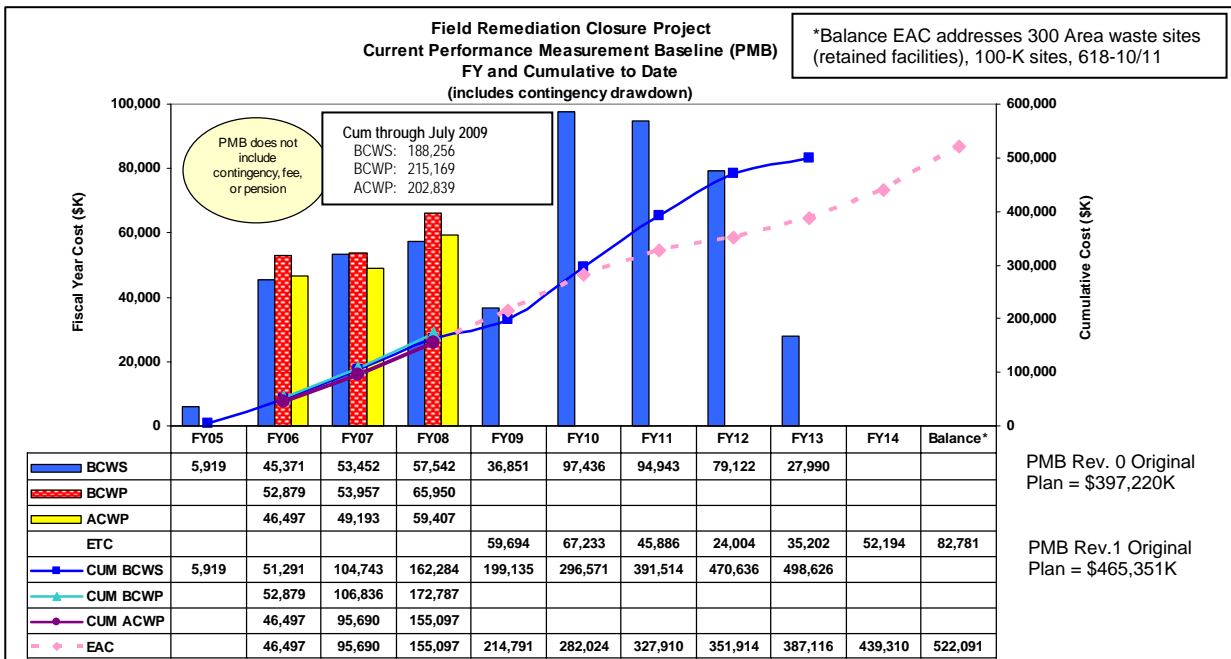
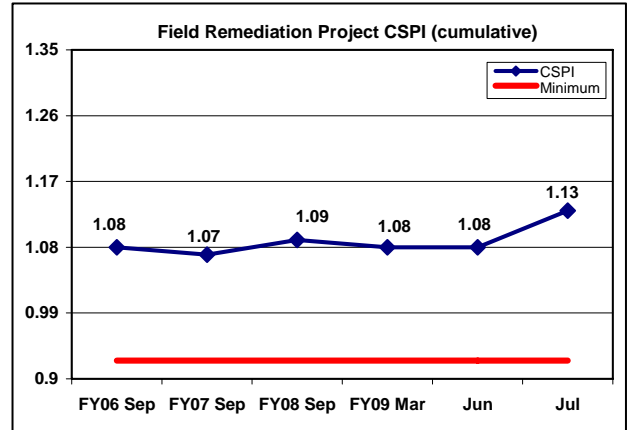
*IPB Rev. 1 (Mod 30) implemented in June

Schedule Variance: \$26,912K; 14.3%

- Variance is combination of accelerated work at 100-DR burial grounds and accelerated completion of 100-B-14 and 100-C-9. Partially offset by delays at 300 Area waste sites and 618-10/11 Burial Grounds.

Cost Variance: \$12,330K; 5.7%

- Favorable cost experienced to-date in 100-D and 100-F Area burial grounds remediation. Partially offset by 618-7 anomalies; increased costs for 118-K-1 readiness/startup, compensatory measures as well as slow production due to hard-to-detect radionuclides and anomalies, and interim shutdown costs; and by significant project support costs at all active dig sites.



*Balance EAC addresses 300 Area waste sites (retained facilities), 100-K sites, 618-10/11

RIVER CORRIDOR CLOSURE PROJECT
FIELD REMEDIATION CLOSURE PROJECT

July 2009 Monthly Report



ISSUES:

- **Issue:** Two areas of chromium contamination have been discovered outside of any previously defined waste site boundary. The first location is near the remediated 100-D-12 chromate transfer station and directly over a known chromate groundwater plume. The other location is near the southwest corner of the remediated 100-D-30 waste site (190-D building). Ecology has verbally indicated they would not approve any waste site closure package associated with potential chromate contamination until these areas have been evaluated and additional vadose characterization completed for the 100-D Area. Due to the limited progress, Ecology requested RL to install an interim cover over these two waste sites. The following additional high priority sites have been identified: 100-D-73, 100-D-76, 100-D-77, 100-D-78, and 100-D-100.
Status: A meeting was held with RL on 7/29/09 to discuss the path forward for these sites. For 100-D-30, the RSVP will be completed and submitted for review and approval based on the verification sample data demonstrating the site is cleaned up. A new discovery site would be created for the southwest contaminated area that is not associated with 100-D-30. This new discovery site has been identified as 100-D-104. The other sites will be recommended for remediation. A follow up letter will be submitted to RL describing the recommended path forward.
- **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: Efforts between RL and Ecology to resolve comments have resulted in an agreement to enter into dispute. Once the RSVPs are submitted to Ecology, it is expected that Ecology will reject the WSRF, thus elevating them to IAMIT. 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. Sites 128-H-2 and 128-H-3 are included in TPA Milestone M-16-51 (12/31/11).
- **Issue:** The 132-H-3 Effluent Pumping Station is a confirmatory sampling site that was removed during D4 operations. Ecology requested RL to collect soil data. Because collection of soil samples would in essence remediate the site and be difficult and very costly, RL requested Ecology to consider evaluating the groundwater data. Ecology did not agree to using groundwater data to demonstrate protectiveness of the soil. At the 6/9/09 Brown Bag meeting, RL indicated dispute was the next step in the process. Ecology concurred.
Status: The RSVP and WSRF were finalized and transmitted to RL 7/23/09. RL was to formally submit to Ecology in anticipation that Ecology would reject the WSRF and the matter would enter dispute. This site is included in TPA Milestone M-16-51 (12/31/11). RL has indicated they are re-evaluating raising this site to IAMIT. A letter is being prepared to inform RL of the impacts to the milestone should additional work be required at this site.

90-DAY LOOK AHEAD:

Major Activities:

100-B/C Area

- Complete loadout (August).
- Continue site closure process for all 100-B/C sites (August-December).

100-D Area

- Continue remediation activities for 118-D-2 (July-October).
- Complete loadout for 628-3 (August).
- Complete excavation and sorting activities for 128-D-2 (September).
- Initiate loadout for 128-D-2 (August).
- Complete remediation activities for 118-D-1 (August).
- Continue overburden and loadout of the 100-D-31 pipelines (continuous through FY10).

100-H Area

- Complete excavation, sorting, and loadout at 118-H-6 (August).
- Complete excavation of 128-H-1 Burn Pit (August).
- Initiate truck and pup loadout of 128-H-1 (August).
- Initiate excavation and loadout of 126-H-2 clearwells (August).

100-K Area

- Backfill Trench B, Trench M, and sorting cells (August).
- Begin 118-K-1 site mobilization (August).
- Begin 118-K-1 Project Startup Review (September).

100-IU-2 / 100-IU-6

- Begin archeological support work at 600-202 (August).
- Issue award for remediation (September).

300 Area

- Complete cleanup of 618-1 (August).
- Commence loadout of waste from 306E/W slabs (August).

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

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90-DAY LOOK AHEAD:

Major Activities: (cont'd)

Engineering Design

- Begin internal review of the revised 300 Area RDR/RAWP for inclusion of 618-10 (August).
- Brief RL and Ecology on 100-N design (August).
- Issue public notice for the 100 Area Remaining Sites Explanation of Significant Difference (ESD) and 300-FF-2 ESD (August).

Sample Design and Cleanup Verification

- Continue to support RL in preparing IAMIT briefing package for waste sites 128-H-2, 128-H-3, and 132-H-3 (August).
- Continue to work with RL on path forward for the high priority chromium sites in 100-D Area (August-September).
- Continue preparation of work instructions for 15 100-H Area sites (August-October).
- Transmit the confirmatory work instruction for 600-29 and 100-K Construction Laydown Area to RL/regulators for Draft A review (August).
- Begin preparation of a Request for Equitable Adjustment (REA) for the 100-N Area to bring 22 orphan sites into confirmatory sampling (September).

ARRA - 618-10 Burial Ground

- Initiate surface geophysical delineation of vertical pipe units (VPUs) (August).
- Conduct project startup review for radiological characterization (August-September).
- Initiate radiological characterization (September).
- Conduct confinement design criteria value engineering (September).
- Prepare and issue value engineering report (September-October).
- Continue records research activities (through November).

GFS/I Actions:

Activity	Planned Submittal Date to RL	Requested Return Date from RL
RL Approve 618-10/11 Sampling and Analysis Plan Rev. 0	8/19/2008 (A)	8/11/2009
RL Review Draft A Closure Document for 100-D-56:1	9/2/2008 (A)	8/18/2009
RL Review Draft A Closure Document for 100-D-31:6	3/17/2009 (A)	8/24/2009
RL Review Draft A Closure Document for 100-D-61	6/1/2009 (A)	8/15/2009
RL Review Draft A Closure Document for 100-D-31:5	6/1/2009 (A)	8/15/2009
RL Review Draft A Closure Document for 100-D-56:2	6/3/2009 (A)	11/4/2009
RL Review Draft A Closure Document for 100-D-32	6/16/2009 (A)	8/30/2009
RL Review Draft A Work Instruction for 100-H-39	6/30/2009 (A)	8/13/2009
RL Review Draft A Work Instruction for 100-H-52	7/1/2009 (A)	9/13/2009
RL Review Draft A Work Instruction for 100-H-48	7/6/2009 (A)	8/19/2009
RL Review Draft A Work Instruction for 100-H-44	7/7/2009 (A)	8/20/2009
RL Review Draft A Work Instruction for 100-H-49	7/13/2009 (A)	9/25/2009
RL Review Draft A Work Instruction for 100-D-63	7/15/2009 (A)	8/28/2009
RL Review Draft A Work Instruction for 100-H-46	7/15/2009 (A)	9/26/2009
RL Review Draft A Work Instruction for 100-K-78	7/16/2009 (A)	8/29/2009
RL Review Draft A Closure Document for 100-D-47	7/20/2009 (A)	9/2/2009
RL Review Draft A Work Instruction for 100-H-41	7/21/2009 (A)	9/3/2009
RL Review Draft A Work Instruction for 100-H-40	7/22/2009 (A)	9/4/2009
RL Review Draft A Work Instruction for 100-H-45	7/23/2009 (A)	9/5/2009
RL Review Draft A Work Instruction for 118-H-3	7/23/2009 (A)	9/5/2009
RL Review Draft A Work Instruction for 116-D-5	7/29/2009 (A)	9/11/2009
RL Review Draft A Closure Document 300-275	8/4/2009 (A)	9/17/2009
RL Review Draft A Work Instruction for 300-259	8/10/2009	9/23/2009
RL Review Draft A Work Instruction for 300-274	8/10/2009	9/23/2009
RL Review Draft A Work Instruction for 100-B-31	8/10/2009	9/23/2009

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

July 2009 Monthly Report



GFS/I Actions: (cont'd)

Activity	Planned Submittal Date to RL	Requested Return Date from RL
RL Review Draft A Work Instruction for 100-B-28	8/12/2009	9/25/2009
RL Review Draft A Work Instruction for 100-B-19	8/13/2009	9/26/2009
RL Review Draft A Work Instruction for 100-B-21:4	8/13/2009	9/26/2009
RL Sign Rev. 0 Work Instruction for 116-DR-10	8/17/2009	8/20/2009
RL Sign Rev. 0 Work Instruction for 100-D-15	8/17/2009	8/20/2009
RL Sign Rev. 0 100-H-8 Closure Document	8/17/2009	8/24/2009
RL Sign Rev. 0 Closure Document for 100-H-28:6	8/17/2009	8/24/2009
RL Sign Rev. 0 Closure Document for 100-D-31: 6	8/17/2009	8/24/2009
RL Review Draft A Work Instruction for 100-H-35	8/18/2009	10/1/2009
RL Review Draft A Work Instruction for 600-29	8/18/2009	10/1/2009
RL Review Draft A Work Instruction for 118-H-2	8/19/2009	10/2/2009
RL Review Draft A Work Instruction for 100-B-33	8/20/2009	10/3/2009
RL Review Draft A Work Instruction for 116-DR-5	8/20/2009	10/3/2009
RL Review 300 Area Explanation of Significant Difference	8/24/2009	10/8/2009
RL Issue 100 Area Draft ESD for Public Review	8/24/2009	10/8/2009
RL Sign Rev. 0 Closure Document for 100-D-56:1	8/25/2009	9/1/2009
RL Approve Rev. 0 of 100 Area Remedial Design Report	8/31/2009	9/3/2009
RL Approve Rev. 0 of 100 Area Sampling and Analysis Plan	8/31/2009	9/3/2009
RL Sign Rev. 0 Work Instruction for 100-H-39	8/31/2009	9/14/2009
RL Review Draft A Closure Document for 118-D-5	8/31/2009	10/14/2009
RL Review Draft A Work Instruction for 100-H-51:1	9/1/2009	10/15/2009
RL Review Draft A Work Instruction for 118-H-4	9/1/2009	10/15/2009
RL Review Draft A Closure Document for 1607-D2:2	9/2/2009	10/16/2009
RL Sign Rev. 0 Work Instruction for 100-H-48	9/8/2009	9/14/2009
RL Sign Rev. 0 Work Instruction for 100-H-44	9/8/2009	9/15/2009
RL Sign Rev. 0 Closure Document for 100-D-61	9/8/2009	9/15/2009
RL Sign Rev. 0 Closure Document for 100-D-31:5	9/8/2009	9/16/2009
RL Sign Rev. 0 Work Instruction for 100-D-63	9/15/2009	9/22/2009
RL Sign Rev. 0 Work Instruction for 100-K-78	9/16/2009	9/23/2009
RL Sign Rev. 0 Work Instruction for 100-H-41	9/21/2009	9/28/2009
RL Sign Rev. 0 100-H-36 Closure Document	9/21/2009	9/28/2009
RL Sign Rev. 0 Work Instruction for 100-H-45	9/22/2009	9/28/2009
RL Sign Rev. 0 Work Instruction for 100-H-40	9/22/2009	9/29/2009
RL Sign Rev. 0 Closure Document for 100-D-32	9/22/2009	9/29/2009
RL Review Draft A Closure Document for 618-13	9/22/2009	11/5/2009
RL Sign Rev. 0 Work Instruction for 118-H-3	9/23/2009	9/30/2009
RL Sign Rev. 0 Work Instruction for 100-H-52	9/28/2009	10/1/2009
RL Sign Rev. 0 Work Instruction for 100-H-47	9/28/2009	10/5/2009
RL Sign Rev. 0 Work Instruction for 116-D-5	9/28/2009	10/5/2009
RL Review Draft A Work Instruction for UPR-300-17	9/28/2009	11/11/2009
RL Review Draft A 100-H-36 Closure Document	9/28/2009	11/11/2009
RL Review Draft A Closure Document for 118-DR-1	9/28/2009	11/11/2009
RL Review Draft A Work Instruction for 118-H-1	9/28/2009	11/11/2009
RL Sign Rev. 0 Closure Document for 100-D-47	9/29/2009	10/5/2009
RL Review Draft A Closure Document for 100-D-29	9/30/2009	11/13/2009
RL Review Draft A Closure Document for 116-DR-8	9/30/2009	11/13/2009
RL Sign Rev. 0 Closure Document for 100-D-29	9/30/2009	11/13/2009
RL Review Draft A Closure Document for 118-D-4	10/6/2009	11/19/2009
RL Sign Rev. 0 Work Instruction for 300-259	10/8/2009	10/14/2009

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

July 2009 Monthly Report



GFS/I Actions: (cont'd)

Activity	Planned Submittal Date to RL	Requested Return Date from RL
RL Sign Rev. 0 Work Instruction for 300-274	10/8/2009	10/14/2009
RL Sign Rev. 0 Work Instruction for 100-B-31	10/8/2009	10/14/2009
RL Sign Rev. 0 Work Instruction for 100-B-19	10/12/2009	10/15/2009
RL Sign Rev. 0 Work Instruction for 100-B-21:4	10/12/2009	10/15/2009
RL Sign Rev. 0 Work Instruction for 100-B-28	10/12/2009	10/15/2009
RL Sign Rev. 0 Work Instruction for 100-H-49	10/12/2009	10/15/2009
RL Sign Rev. 0 Work Instruction for 100-H-46	10/12/2009	10/15/2009
RL Sign Rev. 0 Closure Document 300-275	10/13/2009	10/20/2009
RL Sign Rev. 0 Work Instruction for 100-B-33	10/19/2009	10/22/2009
RL Sign Rev. 0 Work Instruction for 100-H-35	10/19/2009	10/22/2009
RL Sign Rev. 0 Work Instruction for 600-29	10/19/2009	10/22/2009
RL Sign Rev. 0 Work Instruction for 118-H-2	10/19/2009	10/26/2009
RL Review Draft A Closure Document for 600-152	10/19/2009	12/3/2009
RL Sign Rev. 0 Closure Document for 128-H-2	10/25/2009	10/28/2009
RL Sign Rev. 0 Closure Document for 128-H-3	10/25/2009	10/28/2009
RL Sign Rev. 0 Work Instruction for 100-B-22:2	10/26/2009	10/29/2009
RL Review Draft A Closure Document for 118-H-5	10/26/2009	12/10/2009
RL Sign Rev. 0 Work Instruction for 116-DR-5	10/27/2009	11/2/2009

REGULATORY INTERACTIONS:

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

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



SAFETY:

Inception to Date: 22 first aids; 4 recordable-only; 1 lost restricted
 FYTD: 3 first aids; 1 recordable-only
 Current Month: 1 first aid (skin irritation)

ACCOMPLISHMENTS:

Waste Operations (WO)

- Received and disposed 89,607 tons of waste at ERDF during July bringing the total to 2,353,208 tons disposed since WCH assumed River Corridor cleanup responsibilities on 8/27/05.
- Disposed an average of 253 containers per day during July.

ARRA - Super Cells 9/10 Construction / ERDF Upgrades

- Mobilized subcontractor on 7/20/09 for Cell 9 excavation.
- Received 30% design submittal for Super Cells 9/10.
- Finished constructing Phase IV truck and pup upgrades.
- Started construction on Phase II container transfer area (CTA) upgrades.

Other Hanford Contractors (OHC)

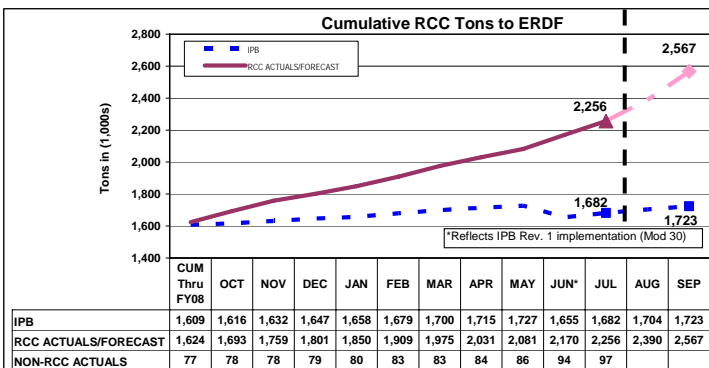
- Disposed 2 boxes of hose-in-hose transfer lines from WRPS (Tank Farms), and one low level tank pump.
- Disposed 3 transformer carcasses; almost 20 years old (have been in storage at CWC).
- Transported and disposed 262 roll-on/roll-off (RO/RO) containers from CHPRC.
- Disposed 7 flats of waste from CHPRC.



Disposing Soil from 100-D in Cell 6 70-ft Level Using Truck and Pup Operations

Waste Received at ERDF (Data through July 26, 2009)			
Projects Shipped	Quantities in U.S. Tons		
	Month Ending	Fiscal Year 2009	Since Beginning of Contract
100 BC	13,339	33,287	274,501
100 D	44,988	296,811	693,380
100 F	0	0	406,254
100 H	9,451	167,196	171,693
100 K	0	2	174,293
100 N	0	12	16,042
300 Area	9,611	88,482	340,482
600 Area	0	0	9,168
RCC Other	0	69	309.2
RCC D4 - 100 Area	8,284	37,253	117,798.4
RCC D4 - 300 Area	801	8,827	52,230.0
OHC	3,132	19,815	97,057
Total FR	77,390	585,791	2,085,813
Total D4	9,085	46,080	170,028
Total RCC	86,476	631,939	2,256,151
Total All Sources	89,607	651,755	2,353,208
Total Tons Since August 27, 2005 =			2,353,208
Grand Total of ERDF Tons Since July 1, 1996 =			8,405,385

WASTE OPERATIONS METRICS:



PERFORMANCE MILESTONES:

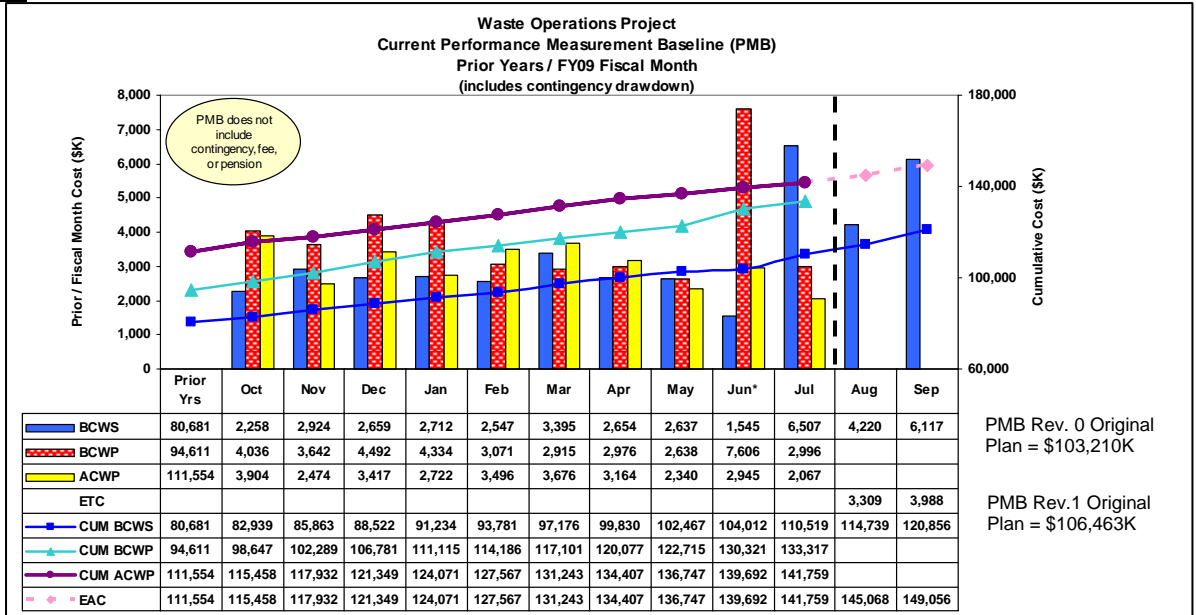
Waste Operations Project prior-year performance milestone was completed ahead of schedule. FY10 performance milestone includes:
 • 12/31/09 Ahead Complete Construction of ERDF Cells 7/8 and Complete 618-1 Loadout. *ERDF cells completed 5/7/09; 618-1 loadout completion scheduled for October.*

RIVER CORRIDOR CLOSURE PROJECT WASTE OPERATIONS PROJECT

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TARGET COST STATUS:



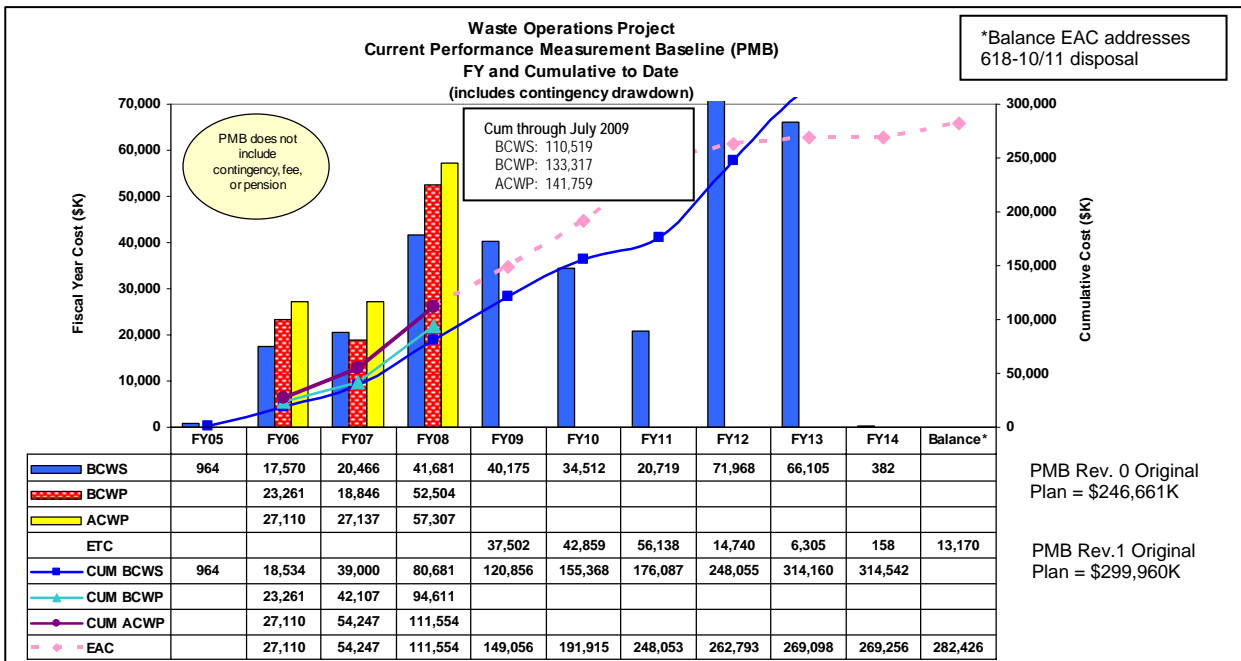
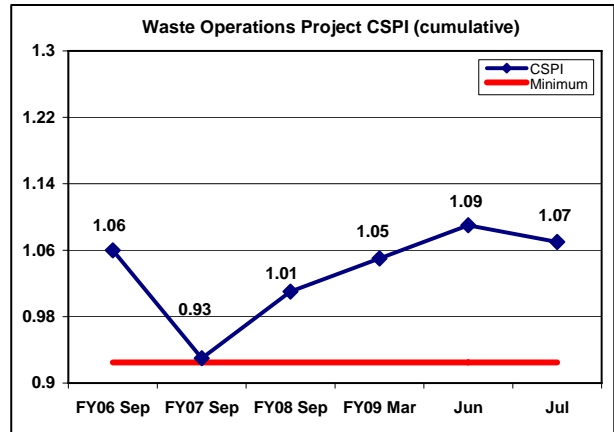
*IPB Rev. 1 (Mod 30) implemented in June

Schedule Variance: \$22,798K; 20.6%

- Design of Cells 7-10, procurement and construction of Cells 7/8, and support to accelerated work in FR and D4 Projects.

Cost Variance: (\$8,442K); (6.3%)

- Cost overruns due to the purchase and leasing of additional equipment, transportation and disposal subcontractor mobilization, and increased project support costs. In addition, overruns in transport, treatment, and disposal of forecasted waste quantities while operational issues associated with compaction, landfill integrity, leachate systems, and disciplined operations were resolved.



RIVER CORRIDOR CLOSURE PROJECT
WASTE OPERATIONS PROJECT
July 2009 Monthly Report



ISSUES:

- **Issue:** OHC high waste volumes and inconsistent schedules.
Status: Working with OHCs to assist them in meeting critical milestones.

90-DAY LOOK AHEAD:

Major Activities:

Waste Operations

- Receive found fuel containers 1-3 (August).

ARRA - Super Cells 9/10 Construction / ERDF Upgrades

- Begin Cell 9 excavation (August).
- Complete design for Cells 9/10 (September).
- Complete Phase II CTA (August).
- Complete design of new access road from ERDF CTA to Route 3 (August).
- Complete construction of Phase IV CTA upgrades (September).
- Receive 6 OHC "ready to serve" (RTS) shuttle trucks (September).
- Receive 1 OHC RTS water truck (September).
- Receive 2 OHC RTS D-9 dozers (October).

GFS/I Actions:

Activity	Planned Submittal Date to RL	Requested Return Date from RL
RL Provide Provisional Approval for RTS Base/Cost Rates	8/11/2009	9/1/2009

REGULATORY INTERACTIONS:

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

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



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 planning for indicator contaminant screening work plan Phase IIb for the groundwater upwelling surveys using the Trident Probe technology. Initiated mobilization and evolution startup activities to begin fieldwork in early August.
 - Completed bass collection, and initiated sturgeon collection activities. Walleye collection put on hold based on poor fishing conditions.
- River Corridor Baseline Risk Assessment - Source and Groundwater Component.
 - Continued development of Draft B document of the *River Corridor Baseline Risk Assessment Report* (DOE/RL-2007-21).
 - Completed calculations and integrated results from the nonresidential tribal scenario into the *River Corridor Baseline Risk Assessment Report* (DOE/RL-2007-21, Draft B, Volume 2).

Long-Term Stewardship

- Completed the first draft of the *100-FR-2 Interim Remedial Action Report*, and began the WCH internal review and RL/EPA informal reviews.



Groundwater Integration

- Co-supported two CHPRC/WCH-led workshops with RL and Ecology to discuss early review questions for the 100 Area RI/FS Work Plan and 100-D/H Addendum. These workshops allowed early resolution of several issues prior to receiving Ecology's official comments on the 100 Area RI/FS Work Plan and 100-D/H Addendum on 7/28/09. Initiated comment resolution activities for the 100 Area RI/FS Work Plan and 100-D/H Addendum.
- Received EPA's comments on the 100 Area RI/FS Work Plan on 7/28/09 and initiated comment resolution activities.
- Received and resolved EPA's comments on the 100-K Addendum. Initiated the revision of the 100-K Addendum to Rev. 0.
- Submitted Decisional Draft A of the 100-B/C Addendum, the combined 100-F and 100-IU-2/100-IU-6 Work Plan Addendum, and the 300 Area Work Plan to RL for their review. Comments were received on 7/17/09 (100-F/100-IU-2/100-IU-6), and 7/27/09 (300 Area); 100-B/C comments are expected on 8/3/09.
- Completed an internal draft and internal review of the 100-N Addendum. Initiated the revision of the 100-N Addendum to Decisional Draft A.

Orphan Sites Evaluation

- Continued RL and Ecology review of the *100-N Area Orphan Sites Evaluation Report* (OSR-2009-0001, Draft A). RL comments on the report were received on 7/15/09. Still awaiting receipt of Ecology comments that are due no later than 8/7/09.
- Continued drafting the *Inter-Areas Segment 1 Orphan Sites Evaluation Report*.
- Continued the field investigation phase for the 300-FF-2 operable unit orphan site evaluation.
- Continued the historical review phase for the 400 Area and Inter-Areas Segment 2 orphan site evaluations.



Sturgeon and Bass Collection

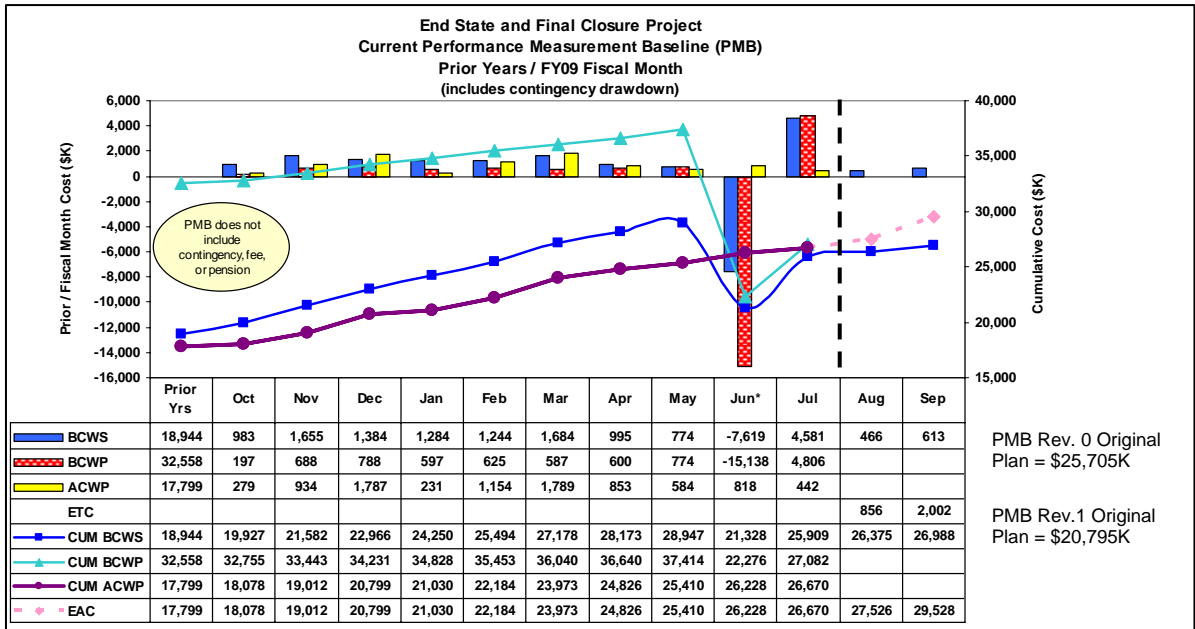
TPA MILESTONES / PERFORMANCE MILESTONES:

To date, two End State and Final Closure Project TPA milestones were completed ahead of schedule. There are no FY09/10 TPA milestones or FY09/10 performance milestones for End State and Final Closure Project.

RIVER CORRIDOR CLOSURE PROJECT END STATE AND FINAL CLOSURE PROJECT July 2009 Monthly Report



TARGET COST STATUS:



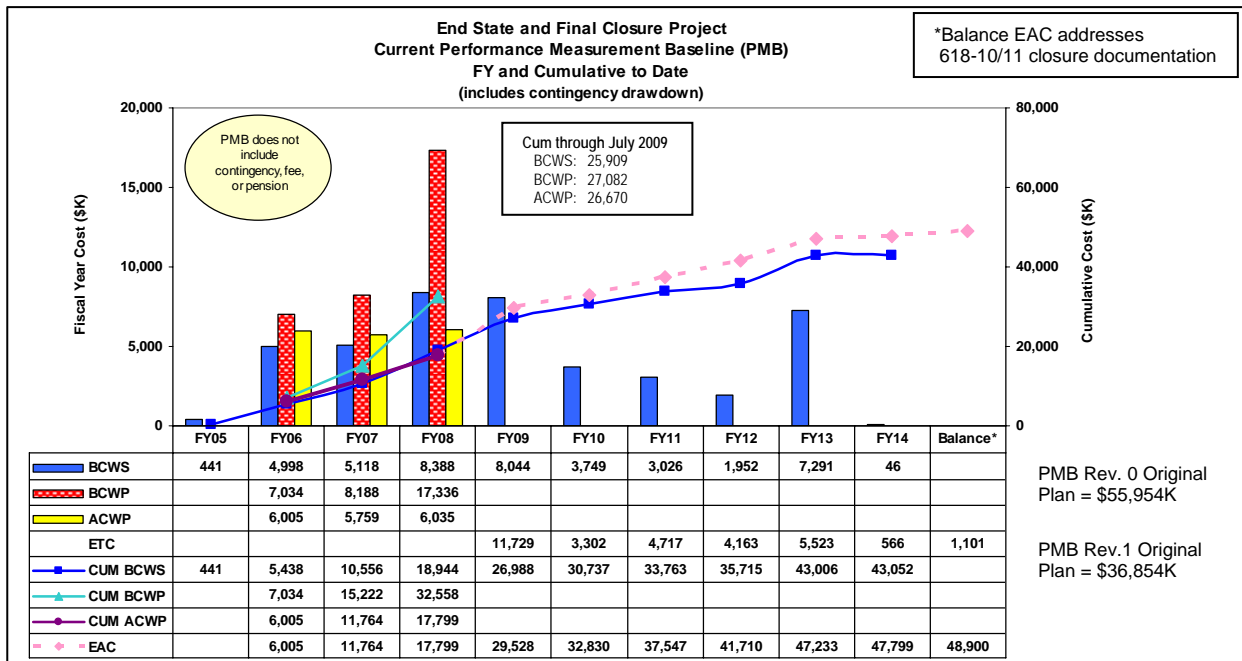
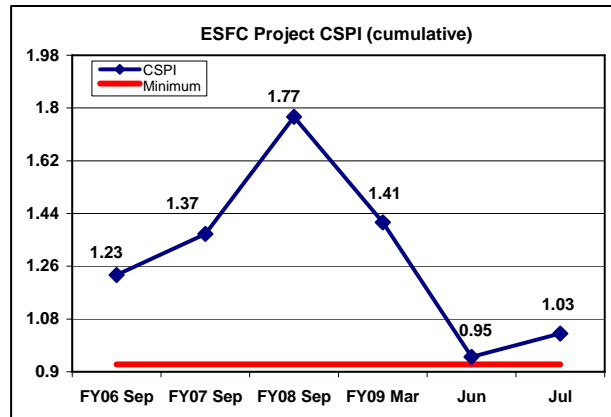
*IPB Rev. 1 (Mod 30) implemented in June

Schedule Variance: \$1,173K; 4.5%

- Acceleration of orphan site evaluations and the Inter-Areas flight surveys.

Cost Variance: \$412K; 1.5%

- Efficiencies realized during the performance of the orphan sites evaluation and Inter-Areas flight surveys.
- Efficiencies realized during Inter-Areas sampling and evaluation are offset by sampling costs in support of the remedial investigation of the Hanford Site release to the Columbia River. This will be adjusted in August with the implementation of related change control.



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



ISSUES:

None for this reporting period.

90-DAY LOOK AHEAD:

Major Activities:

Risk Assessment

- Complete document development and issue *River Corridor Baseline Risk Assessment Report* (DOE/RL-2007-21, Draft B) for an additional RL review (August-September).
- Finalize package to support RL letter to Ecology and EPA documenting use of RESRAD as an appropriate fate and transport model for chemical constituents in final decision making (August).
- Conduct groundwater upwelling Phase IIb indicator contaminant screening using Trident Probe technology (July-August). Complete planning, and initiate Phase III groundwater upwelling characterization activities (October).
- Complete fish collection activities for walleye, sturgeon, sucker, and carp to support the remedial investigation for Hanford Site releases to the Columbia River (August-September).

Groundwater Integration

- Perform comment resolution and document revision to Rev. 0 of the 100-Area RI/FS Work Plan, 100-D/H Work Plan Addendum, and 100-K Work Plan Addendum (August-September).
- Complete field investigation planning by 10/1/09 for the 100-D/H and 100-K decision units. Initiate field work; pending RL and regulator approval of work plan and addendum (October).
- Resolve RL comments and revise the 100-B/C Addendum, the 100-F/100-IU-2/100-IU-6 Addendum, and the 300 Area Work Plan to Draft A for regulatory review. Transmit to RL for submittal to regulators the 100-B/C and 100-F/100-IU-2/100-IU-6 Draft A by 8/31/09 to meet CHPRC TPA proposed milestones M-015-67 and M-015-63 (9/30/09), and the 300 Area Draft A by 9/30/09 to meet CHPRC TPA proposed milestone M-015-71 (10/30/09). Regulator review of these Draft As are scheduled to continue through mid-November and December.
- Resolve internal 100-N Addendum comments, and revise the document to Decisional Draft A for RL review (September). RL review will continue through September. RL comment resolution and document revision to Draft A will be completed and transmitted to RL by 11/30/09.

Orphan Sites Evaluation

- Resolve and incorporate RL/Ecology comments from the *100-N Area Orphan Sites Evaluation Report*, Draft A and issue final report (August-September).
- Continue orphan sites evaluation phases for the 300-FF-2 operable unit, 400 Area, and Inter-Areas Segment 2 (August-September).

Long-Term Stewardship

- Submit Draft A *100-FR-2 Operable Unit Interim Remedial Action Report* to RL and EPA for an expedited two-week review (late August); issue Rev. 0 by 9/30/09.

GFS/I Actions:

Activity	Planned Submittal Date to RL	Requested Return Date from RL
RL Review <i>100-FR-2 Remedial Action Report</i> Draft A (concurrent with regulator review)	8/28/2009	9/9/2009

REGULATORY INTERACTIONS:

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

RIVER CORRIDOR CLOSURE PROJECT
MISSION/GENERAL SUPPORT
July 2009 Monthly Report



SAFETY:

Inception to Date: 8 first aids; 2 recordable-only
FYTD: 1 first aid
Current Month: None

ACCOMPLISHMENTS:

Engineering Services

- Continued lead role in the Conduct of Operations (ConOps) Excellence / Safety Ownership Program (SOP) Initiative.
- Expedited completion of the shuttle modifications recommended by WCH-320.
- Published the revision to ENG-1-4.15, "Project Startup Review" process.
- Completed FR and D4 Procedure Use Self Assessments.
- Visited the Idaho National Engineering Lab (INEL) and Idaho Cleanup Project (ICP) in Idaho Falls to evaluate their Safety Observations Achieve Results (SOAR) program.
- Developed a Senior Supervisory Watch administrative procedure for D4.
- Supported the D4 project as Senior Supervisory Watch qualified individuals.
- Conducted training on the Unreviewed Safety Question (USQ) process.

Safety, Health, and Quality

- Completed independent assessments of software quality assurance and work process-specific processes.
- Conducted a comprehensive site review of all elevated work involving scaffolding and elevated work platforms less than ten feet. Documented process and identified and corrected items found during the review of elevated work.
- Issued Quarterly Performance Objectives, Measures, and Commitments (POMC) Report for Third Quarter FY09.
- Submitted Quarterly Occurrence Reporting and Processing System (ORPS) Trend Report.
- Updated the Safety and Health Improvement Plan (SHIP) for June, and posted on the S&H website.
- Completed a top-to-bottom external subject matter expert (SME) review of fall protection.
- Supported DOE Type B investigation of the 336 building fall event.
- Performed a corporate parent review of the 336 building fall event.

Project Integration

- Developed path forward and schedule for descoping of 100-K and 300 Areas activities.
- Completed evaluation and re-implementation of contingency drawdowns affected by Mod 30 implementation.
- Continued negotiation process of existing Requests for Equitable Adjustment (REAs).

Project Services

- Received five Contract Modifications this month:
 - 122 – Issued a Notice to Proceed (NTP) with not-to-exceed (NTE) budget of \$1,000,000 to perform B-Reactor partial ISS work activities through FY09-11.
 - 125 – Provided incremental funding of \$48,000,000.
 - 126 – Revised Clause H.37, "Baseline and Reporting Requirements for Work Performed under the Recovery Act."
 - 127 – Issued an increase of \$3,000,000 to the NTE for support of the remedial investigation of Hanford Site releases to the Columbia River (REA-036).
 - 128 – Issued an increase of \$2,525,000 to NTE for remediation of the 128-H-1 waste site (REA-060).
- Submitted the FY2010 Payroll Additive provisional billing rate to RL for review and approval.
- Completed two internal audits this month: Allowable Costs and Cost Recovery. There were no findings.
- Established an Employee Retention Planning Team for the purpose of recommending the specific strategies that should be implemented to support retention of staff through the end of the project.
- Completed a self-assessment of the Affirmative Action Plan commitments. There were no findings; however, several observations for improvement were noted and are being addressed.
- Completed and resolved all findings relative to the RL surveillance report on the WCH DOT Drug and Alcohol testing program.
- Participated in the annual Hanford Site Stabilization Agreement (HSSA) negotiations with the administrative committee in Washington, DC.

Environmental Protection

- Conducted the Unit Manager Meeting (UMM) with RL, EPA, and Ecology.
- Completed certification of the Toxic Release Inventory Report for Toxic Chemicals and Radionuclide Air Emissions.
- Completed the semi-annual report as required by the Air Operating Permit.
- Assisted RL in preparing and completing responses to public comments received on the 300 Area milestone packages associated with the February 2009 Tentative Agreement (i.e., M-89, M-94, and M-16). Approvals expected in August.

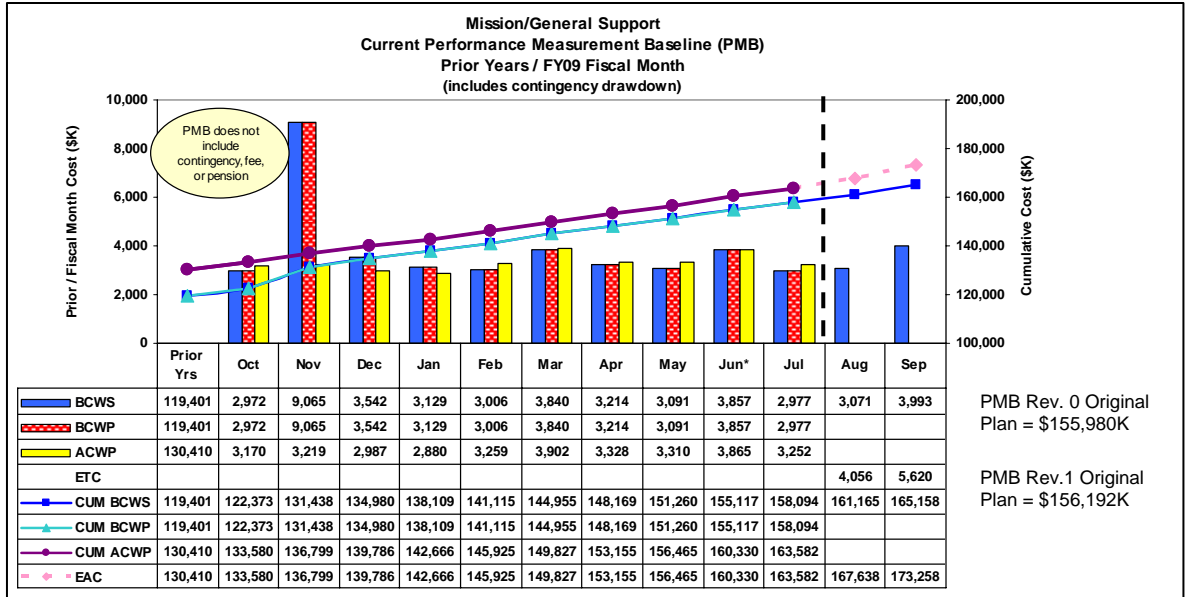
ARRA - Support

- Submitted the revised ARRA Technical and Cost Proposal to RL; the revision incorporates comments received from RL and the EM Consolidated Business Center.
- Submitted FY09 ARRA provisional billing rates to RL for review and approval.

RIVER CORRIDOR CLOSURE PROJECT
MISSION/GENERAL SUPPORT
 July 2009 Monthly Report



TARGET COST STATUS:



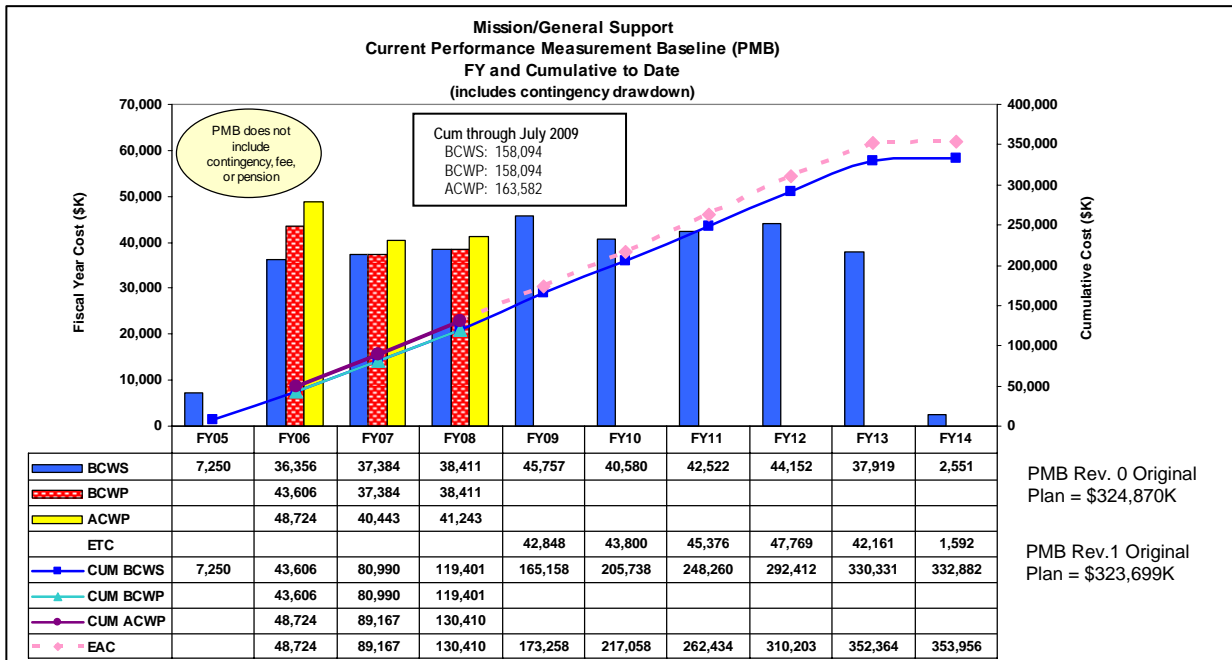
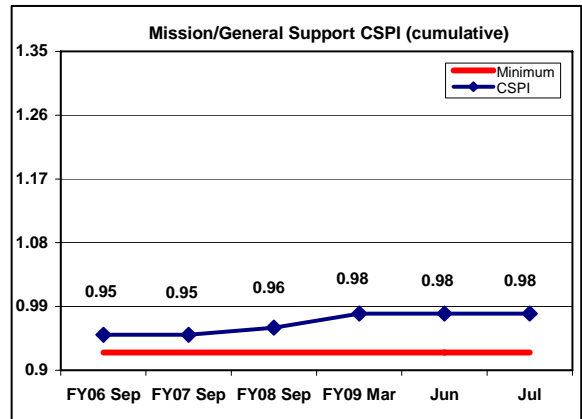
*IPB Rev. 1 (Mod 30) implemented in June

Schedule Variance: \$0K; 0%

- N/A

Cost Variance: (\$5,489K); (3.5%)

- RadCon and Environmental Protection services greater than planned.
- Increased Employee Concerns Program, conduct of operations, and regulatory interface resources.
- Material Differences certified cost and price effort not in the baseline.



RIVER CORRIDOR CLOSURE PROJECT
MISSION/GENERAL SUPPORT
July 2009 Monthly Report



ISSUES:

None for this reporting period.

90-DAY LOOK AHEAD:

Major Activities:

Engineering Services

- Prepare as-built drawing for containment vessel used by D4 project (August).
- Prepare and issue new Job Hazard Analysis (JHA) procedure (August).
- Prepare and deliver new training courses for PAS-2-1.1 (IWCP) and PAS-2-x.x (JHAs) (September).
- Conduct assessment of implementation of 105N/109N safety basis requirements (August).
- Complete the 3rd Quarter Conduct of Operations Management Assessment (August).
- Support development of prototype shield to be evaluated for use on long-haul trucks (September).
- Lead development of a training video on shuttle truck safe loading / unloading operations (September).
- Conduct Criticality Safety Program Annual Assessment (September).
- Continue ConOps Excellence / SOP Initiative (August-December).

Safety, Health, and Quality

- Participate in development of the Hanford site-wide Safety Program Plan and Respiratory Protection Program (August-September).
- Assist CHPRC by conducting an independent assessment of their Nuclear Material Control and Accountability program (August).
- Submit a cost and schedule estimate for the implementation of the site-wide Chronic Beryllium Program (August).
- Conduct annual review of S&H flowdown requirements to subcontractors (Exhibit G) (August).
- Implement Fall Protection Program improvements (August).
- Develop and implement corrective actions plans to address the DOE Type B Investigation Report (August-October).
- Conduct Integrated Safety Management System (ISMS) and QA Program annual review and declaration (September).
- Complete update of QA program description to meet Environmental Management QA program expectations (September).
- Conduct independent assessments of measuring and testing equipment and suspect/counterfeit items (September).
- Roll out system upgrades of web-based Corrective Action Management (CAM) system (September).
- Complete corrective action plan for 327 building contamination events (September).
- Revise Stop Work Policy with new site-wide procedure (September).
- Analyze and develop corrective actions in response to the opportunities for improvement (OFI) identified in the DOE Voluntary Protection Program (VPP) report (September-December).

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 internal audit of P-Card system (August).
- Assist with communications to HAMTC on transition to the Deltek electronic time recording system (August); implement system (September).
- Submit FY10 Waste Disposal Operations readiness-to-serve Other Hanford Contractors allocation proposal (August).
- Submit FY10 General Support rate to RL for review and approval (August).
- Complete Conflict of Interest internal audit (September).
- Submit VETS-100 Report (September).
- Submit EEO-1 Report (September).
- Prepare Annual Report of Compensation (September).
- Submit Management Representation letter to RL (September).
- Complete FY09 closeout activities (September).
- Complete impact analysis of new versions of DOE cyber security requirements: Program Security Plan Version 1.2, and Program Cyber Security Plan Version 1.2 (October).

Environmental Protection

- Conduct 100/300 Area Unit Managers Meetings with EPA, Ecology, and RL: 8/13/09, 9/10/09, and 10/8/09.
- Receive approval of the 300 Area change packages for M-89, M-94, and M-16 (August).
- Submit draft milestone change package to RL for M-16-47 (100-D Area) to remove scope of pipeline segment 100-D-31:12 (August).

ARRA - Support

- Submit ARRA proposed performance baseline (August).
- Submit FY10 ARRA rates to RL for review and approval (August).
- Submit Disclosure Statement revision incorporating ARRA rate methodology and Waste Disposal Operations readiness-to-serve Other Hanford Contractors allocation methodology to RL for review and approval (October).

RIVER CORRIDOR CLOSURE PROJECT
MISSION/GENERAL SUPPORT
 July 2009 Monthly Report



90-DAY LOOK AHEAD: (CONT'D)

GFS/I Actions:

Activity	Planned Submittal Date to RL	Requested Return Date from RL
ENGINEERING SERVICES		
Approve August Startup Notification Report (CCN 144833)	8/30/2009	9/30/2009
PROJECT INTEGRATION		
Issue Contract Mod Based on Resubmittal of Material Differences Certified Cost & Price (CCN 139693)	6/2/2008 (A)	9/30/2008
Issue Contract Mod for WCH-REA-005R1 DOE CRD O 151.1C Comprehensive Emergency Management System	5/5/2009 (A)	6/5/2009
Issue Contract Mod for WCH-REA-021 CRD O 205.1 Rev. 0 Energy Cyber Security Management (CCN 144557)	5/14/2009 (A)	6/14/2009
Issue Contract Mod for Negotiated WCH-REA-043 MSC Transition Plan	6/10/2009 (A)	7/10/2009
Issue Contract Mod for WCH-REA-025 Lockout/Tagout (CCN 145512)	7/9/2009 (A)	1/2/2010
PROJECT SERVICES		
Provide Acceptance of Incurred Cost Report for FY07 (CCN 138627)	3/25/2008 (A)	5/1/2008
Provide Tenable Security Center Log Correlation Engine for Cyber Security CRD 205.1A Rev. 1	12/18/2008 (A)	3/28/2009
Approve Revised Disclosure Statement (CCN 143248)	2/23/2009 (A)	3/27/2009
Provide Acceptance of Incurred Cost Report for FY08 (CCN 143381)	3/9/2009 (A)	4/10/2009
Authorized Limits for the Release of Personal Property with Select Radionuclides from Radiological Controls (CCN 143710)	3/18/2009 (A)	4/20/2009
Approve CY2009 Compensation Increase Request - Exempt (CCN 133471)	7/14/2009 (A)	7/28/2009
Approve FY10 Provisional Rates	7/14/2009 (A)	9/18/2009
ARRA - SUPPORT		
Provisional Approval of ARRA Cost Allocation Support (CCN 143915)	4/13/2009 (A)	4/27/2009
Provide Approval of WCH Recommendation for Administering Cost Schedule Performance Incentive and Provisional Fee for ARRA (CCN 144365)	4/29/2009 (A)	5/13/2009
Provide Provisional Approval of FY09 Direct Cost Allocation Rates (CCN 144370)	4/30/2009 (A)	5/13/2009
Provide Provisional Approval of WCH Disclosure Statement Rev. 3a (CCN 144370)	4/30/2009 (A)	5/13/2009
Approve Revised Disclosure Statement (ARRA rates)	4/30/2009 (A)	7/20/2009
Provide Final Approval of FY09 Direct Cost Allocation Rates (CCN 144370)	4/30/2009 (A)	7/28/2009
Provide Final Approval of WCH Disclosure Statement Rev. 3a (CCN 144370)	4/30/2009 (A)	7/28/2009
Approve 180-Day ARRA Work Plan (CCN 145218)	6/29/2009 (A)	7/27/2009

RIVER CORRIDOR PROJECT INTEGRATED PROJECT BASELINE WBS LEVEL 5 (COST ACCOUNT) SUMMARY COST PERFORMANCE REPORT (CPR)

WBS Levels 2, 5 DESCRIPTION		(\$ IN THOUSANDS)																		
		CURRENT PERIOD					INCEPTION-TO-DATE <small>*Note: SPI, CPI, CSPI Calculations Exclude Fee, Pension, Contingency, K Area, CLIN 3</small>										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							
RCC Project Costs																				
RCC Project Target Costs																				
Performance Measurement Baseline																				
PMB (DB) Excluding K Area/CLIN 3																				
1.01 D4-D4 Closure																				
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	179	24.4%	33	179	147	5.50	5.50	736	736	0	561	175		
1.01.01.02.07 D4-Buildings-100 D Area	0	0	1	0	(1)	192	263	1.37	44.9%	67	71	196	3.90	2.63	586	586	0	387	199	
1.01.01.02.10 D4-Retention Basins-100 D Area	0	822	0	822	822	0	822	80.3%	0	822	822			1,023	1,023	0	187	837		
1.01.01.03.07 D4-Buildings-100 F Area	0	13	2	13	11	0	1,095	99.1%	148	1,095	947	7.42	7.42	1,033	1,105	72	149	956		
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	0	4	0	(4)	0	0	0.0%	6	0	(6)	0.00	0.00	846	846	0	927	(81)		
1.01.01.05.07 D4-Buildings-100 K Area	0	0	0	0	0	681	704	1.03	100.0%	521	23	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	6	31	243	25	(212)	6,616	14,859	2.25	82.1%	19,746	8,243	(4,887)	0.75	1.50	18,101	18,101	0	26,355	(8,254)	
1.01.01.06.08 D4-Remaining Facilities-100 N Area	0	15	167	15	(151)	1,166	4,525	3.88	68.6%	3,492	3,359	1,033	1.30	2.59	6,593	6,593	0	7,035	(441)	
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	1,624	640	
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	195	318	153	122	165	8,882	8,338	0.94	73.8%	8,962	(544)	(624)	0.93	0.93	11,291	11,291	0	17,129	(5,837)	
1.01.03.01.07 D4-Buildings-324 Building	504	326	87	(178)	239	17,453	10,469	0.60	43.7%	4,238	(6,984)	6,232	2.47	1.54	23,959	23,959	0	45,028	(21,069)	
1.01.03.01.08 D4-Remaining Facilities-324 Buildin	0	0	0	0	0	6	0	0.00	0.0%	0	(6)	0	0.00	173	173	0	721	(547)		
1.01.03.02.07 D4-Buildings-327 Building	340	216	538	(124)	(322)	11,057	10,278	0.93	77.1%	10,249	(779)	29	1.00	0.97	13,327	13,327	0	14,078	(751)	
1.01.03.75.25 D4-Non Site Specific Support 324/3	202	0	153	(202)	(153)	11,169	8,987	0.80	66.6%	8,014	(2,181)	974	1.12	0.96	13,485	13,485	0	14,057	(573)	
1.01.04.01.07 D4-Buildings-300 Area Sites	289	101	189	(188)	(88)	36,319	69,380	1.91	40.1%	17,494	33,061	51,886	3.97	2.94	172,812	172,812	0	105,628	67,184	
1.01.04.01.08 D4-Remaining Facilities-300 Area Si	0	4	0	4	4	67	136	2.04	32.0%	7	69	129	19.97	11.00	425	425	0	284	141	
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	374	(135)		
1.01.04.75.25 D4-Non Site Specific Support-300 Ar	346	0	439	(346)	(439)	11,038	16,376	1.48	37.9%	18,550	5,338	(2,174)	0.88	1.18	43,209	43,209	0	35,763	7,446	
1.01.05.01.07 D4-Buildings 400 Area	0	120	0	120	120	0	124	1.9%	0	124	124			6,416	6,416	0	6,198	218		
1.01.05.75.25 D4-Non-Site Specific Support-400 A	0	1	4	1	(4)	0	1	0.0%	14	1	(13)	0.05	0.05	2,047	2,047	0	2,465	(418)		
1.01.06.01.11 D4-100 Area S&M	84	84	37	0	47	4,220	4,220	1.00	54.2%	2,400	0	1,820	1.76	1.38	7,784	7,784	0	3,945	3,838	
1.01.06.01.12 D4-200 Area S&M	12	12	0	0	12	584	584	1.00	45.8%	0	0	584	261.18	131.09	1,276	1,276	0	191	1,086	
1.01.06.01.13 D4-300 Area S&M	584	584	164	0	420	29,253	29,253	1.00	64.6%	13,692	0	15,562	2.14	1.57	45,265	45,265	0	21,377	23,888	
1.01.06.01.14 D4-400 Area S&M	10	10	0	0	10	481	481	1.00	52.2%	27	0	454	17.80	9.40	922	922	0	417	504	
1.01.06.01.15 D4-600 Area S&M	0	0	2	0	(2)	142	142	1.00	94.4%	51	0	90	2.77	1.88	150	150	0	60	90	
1.01.07.01.16 D4-100 Area Operate and Close Util	60	60	67	0	(7)	2,970	2,970	1.00	51.8%	4,744	0	(1,774)	0.63	0.81	5,737	5,737	0	8,015	(2,277)	
1.01.07.01.17 D4-200 Area Operate and Close Util	4	4	(1)	0	4	141	141	1.00	39.6%	106	0	36	1.34	1.17	356	356	0	314	42	
1.01.07.01.18 D4-300 Area Operate and Close Util	915	796	662	(119)	134	38,296	37,918	0.99	58.4%	17,085	(378)	20,833	2.22	1.60	57,922	64,953	7,031	38,189	26,764	
1.01.07.01.19 D4-400 Area Operate and Close Util	6	6	0	0	6	275	275	1.00	51.7%	24	0	251	11.47	6.23	531	531	0	632	(101)	
1.01.99.01.29 D4-Management and Support	713	1,604	1,078	891	527	43,786	70,594	1.61	50.0%	52,079	26,808	18,515	1.36	1.48	141,061	141,061	0	115,945	25,116	
1.01 D4-D4 Closure Totals	4,270	5,130	3,989	860	1,140	224,793	295,117	1.31	50.1%	182,804	70,324	112,313	1.61	1.46	581,429	588,531	7,102	469,683	118,848	
1.02 ISS-Reactor ISS Closure																				
1.02.01.01.21 ISS-Interim Safe Storage-100 B/C Ar	0	(9)	11	(9)	(20)	0	8	0.1%	50	8	(42)	0.16	0.16	12,611	12,611	0	3,336	9,275		
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	995	609	500	(386)	109	29,001	28,979	1.00	54.2%	30,660	(22)	(1,681)	0.95	0.97	53,493	53,493	0	58,298	(4,805)	
1.02.99.01.29 ISS-Management and Support	205	191	73	(14)	118	7,349	7,832	1.07	45.5%	3,545	483	4,288	2.21	1.64	17,208	17,208	0	13,244	3,963	

RIVER CORRIDOR PROJECT INTEGRATED PROJECT BASELINE WBS LEVEL 5 (COST ACCOUNT) SUMMARY COST PERFORMANCE REPORT (CPR)

WBS Levels 2, 5 DESCRIPTION		(\$ IN THOUSANDS)																		
		CURRENT PERIOD					INCEPTION-TO-DATE <small>*Note: SPI, CPI, CSPI Calculations Exclude Fee, Pension, Contingency, K Area, CLIN 3</small>										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							
1.02 ISS-Reactor ISS Closure Totals		1,200	791	584	(409)	207	38,370	38,838	1.01	45.5%	35,590	469	3,249	1.09	1.05	85,331	85,331	0	76,213	9,118
1.03 Fld. Rem.-Field Remediation Closure																				
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		2,229	2,153	206	(76)	1,947	5,070	5,473	1.08	86.8%	5,775	403	(302)	0.95	1.01	4,022	6,305	2,282	6,564	(259)
1.03.01.02.06 Fld. Rem.-Burial Grounds-100-BC-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		388	388	6	0	382	1,152	1,733	1.51	19.1%	2,871	582	(1,137)	0.60	1.05	8,645	9,069	423	8,825	244
1.03.01.03.06 Fld. Rem.-Burial Grounds-100-BC-2		185	186	0	1	186	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		91	82	2	(9)	80	610	601	0.99	97.7%	523	(9)	79	1.15	1.07	519	615	96	770	(155)
1.03.01.75.25 Fld. Rem.-100 B/C Non Site Specific		3	56	295	53	(239)	200	7,438	37.11	69.5%	10,525	7,238	(3,087)	0.71	18.91	10,582	10,697	115	17,748	(7,051)
1.03.02.01.03 Fld. Rem.-Conf Sampling Sites-100		0	11	1	11	10	2,002	1,527	0.76	76.3%	1,015	(475)	513	1.51	1.13	2,002	2,002	0	1,207	795
1.03.02.02.04 Fld. Rem.-Liquid Waste Sites-100-D		0	151	41	151	110	0	1,322	89.5%		2,026	1,322	(704)	0.65	0.65	1,336	1,476	140	2,261	(785)
1.03.02.02.05 Fld. Rem.-Waste Sites-100-DR-1		458	640	234	182	406	8,912	6,648	0.75	38.3%	3,469	(2,263)	3,180	1.92	1.33	16,946	17,346	400	10,336	7,010
1.03.02.02.06 Fld. Rem.-Burial Grounds-100-DR-1		170	2,243	50	2,073	2,193	1,261	6,108	4.84	91.6%	1,757	4,847	4,351	3.48	4.16	4,446	6,666	2,220	2,746	3,920
1.03.02.03.04 Fld. Rem.-Liquid Waste Sites-100-D		0	0	0	0	0	0	0	0.0%		0	0	0.00	0.00	192	192	0	107	85	
1.03.02.03.05 Fld. Rem.-Waste Sites-100-DR-2		0	23	38	23	(14)	5,004	3,365	0.67	55.7%	1,065	(1,639)	2,300	3.16	1.92	6,041	6,041	0	2,437	3,604
1.03.02.03.06 Fld. Rem.-Burial Grounds-100-DR-2		1	4,016	410	4,016	3,607	490	26,168	53.44	83.8%	10,002	25,679	16,167	2.62	28.03	27,511	31,245	3,734	14,369	16,876
1.03.02.04.01 Fld. Rem.-100 D Area Design		172	172	(17)	0	189	294	294	1.00	100.0%	369	0	(75)	0.80	0.90	122	294	172	369	(75)
1.03.02.75.25 Fld. Rem.-100 D Non Site Specific S		667	769	503	102	266	8,911	15,661	1.76	69.3%	18,227	6,749	(2,567)	0.86	1.31	22,267	22,597	330	29,073	(6,476)
1.03.03.01.03 Fld. Rem.-Conf Sampling Sites-100		0	8	(4)	8	12	962	962	1.00	100.0%	670	0	292	1.44	1.22	92	962	870	670	292
1.03.03.02.04 Fld. Rem.-Liquid Waste Sites-100-F		0	(3)	0	(3)	(3)	3,846	3,842	1.00	99.9%	1,485	(4)	2,358	2.59	1.79	3,846	3,846	0	2,014	1,832
1.03.03.02.05 Fld. Rem.-Waste Sites-100-FR-1		414	420	0	6	420	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		133	133	0	0	133	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		1,308	1,318	0	10	1,318	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		980	978	5	(3)	973	10,446	10,443	1.00	100.0%	10,171	(3)	272	1.03	1.01	9,465	10,446	980	10,171	275
1.03.04.01.03 Fld. Rem.-Conf Sampling Sites-100		104	110	17	6	93	1,098	1,149	1.05	92.7%	1,084	51	65	1.06	1.05	1,047	1,240	193	1,194	45
1.03.04.02.04 Fld. Rem.-Liquid Waste Sites-100-H		49	50	1	1	49	136	109	0.80	79.7%	115	(28)	(7)	0.94	0.87	87	136	49	167	(31)
1.03.04.02.05 Fld. Rem.-Waste Sites-100-HR-1		522	590	190	68	400	1,022	1,723	1.69	48.0%	955	701	768	1.80	1.75	2,499	3,593	1,094	2,529	1,064
1.03.04.03.05 Fld. Rem.-Waste Sites-100-HR-2		160	238	123	79	115	169	247	1.46	14.8%	199	78	48	1.24	1.35	851	1,667	815	1,587	79
1.03.04.03.06 Fld. Rem.-Burial Grounds-100-HR-2		741	785	81	44	704	4,446	7,477	1.68	79.6%	4,112	3,031	3,365	1.82	1.75	8,812	9,390	579	4,966	4,424
1.03.04.04.01 Fld. Rem.-100 H Area Design		60	74	5	14	69	116	131	1.12	72.1%	186	14	(55)	0.70	0.91	57	182	125	238	(56)
1.03.04.75.25 Fld. Rem.-100 H Non Site Specific S		40	248	304	208	(56)	378	2,791	7.39	44.0%	6,214	2,413	(3,423)	0.45	3.92	3,945	6,341	2,395	13,031	(6,690)
1.03.05.01.03 Fld. Rem.-Conf Sampling Sites-100		0	3	3	3	0	0	129	51.2%		36	129	93	3.60	3.60	252	252	0	164	87
1.03.05.02.04 Fld. Rem.-Liquid Waste Sites-100-K		2,112	2,112	0	0	2,112	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		3,397	666	0	(2,731)	666	11,972	8,115	0.68	65.0%	5,396	(3,857)	2,719	1.50	1.09	9,082	12,479	3,397	19,597	(7,118)
1.03.05.04.01 Fld. Rem.-100K Area Design		124	124	4	0	120	298	298	1.00	100.0%	36	0	262	8.32	4.66	174	298	124	163	135
1.03.05.75.25 Fld. Rem.-100K Non Site Specific S		172	48	59	(124)	(11)	1,471	2,905	1.97	46.5%	14,290	1,434	(11,385)	0.20	1.09	6,198	6,247	49	22,098	(15,851)
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	1,004	39
1.03.06.02.05 Fld. Rem.-Waste Sites-100-NR-1		37	(44)	(5)	(81)	(39)	4,795	4,261	0.89	24.5%	3,752	(534)	509	1.14	1.01	17,403	17,403	0	14,726	2,677
1.03.06.03.01 Fld. Rem.-100 N Area Design		0	0	6	0	(6)	1,000	959	0.96	96.0%	440	(40)	519	2.18	1.57	1,000	1,000	0	559	441
1.03.06.75.25 Fld. Rem.-100N Non Site Specific S		179	116	42	(64)	74	2,347	2,394	1.02	25.5%	1,649	47	746	1.45	1.24	9,306	9,400	94	21,652	(12,251)
1.03.07.02.05 Fld. Rem.-Waste Sites-100-IU-2		0	0	0	0	0	2	0	0.00	0.0%	0	(2)	0	0.00	0.00	3	3	0	423	(421)
1.03.07.03.05 Fld. Rem.-Waste Sites-100-IU-6		234	172	0	(62)	171	587	709	1.21	5.5%	547	122	163	1.30	1.25	12,796	12,968	172	11,317	1,651
1.03.07.04.01 Fld. Rem.-100 Area RS Design		0	0	1	0	(1)	536	535	1.00	99.8%	431	(1)	104	1.24	1.12	536	536	0	431	105
1.03.07.75.25 Fld. Rem.-100 Area RS Non Site Sp		262	4	14	(258)	(9)	2,908	457	0.16	4.2%	981	(2,450)	(524)	0.47	0.31	10,885	10,887	2	21,555	(10,668)

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		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							
1.03.12.01.03 Fld. Rem.-Conf Sampling Sites Area	0	0	0	0	0	428	281	0.66	22.5%	292	(147)	(11)	0.96	0.81	1,246	1,246	0	1,292	(46)	
1.03.12.02.05 Fld. Rem.-Waste Sites 300 Area	71	277	548	206	(270)	6,794	2,285	0.34	8.3%	2,056	(4,510)	229	1.11	0.72	27,388	27,407	20	26,881	526	
1.03.12.02.06 Fld. Rem.-Burial Grounds 300 Area	5,827	5,786	(47)	(41)	5,833	21,894	21,832	1.00	96.7%	19,746	(62)	2,087	1.11	1.05	16,823	22,581	5,758	20,248	2,334	
1.03.12.03.01 Fld. Rem.-300 Area RS Design	28	0	0	(28)	0	1,271	1,317	1.04	98.1%	825	46	492	1.60	1.32	1,342	1,342	0	853	490	
1.03.12.75.25 Fld. Rem.-300 Area Non Site Specifi	689	705	20	16	685	8,737	8,860	1.01	41.7%	27,222	122	(18,362)	0.33	0.67	20,699	21,264	566	41,512	(20,248)	
1.03.13.01.05 Fld. Rem.-Waste Sites 400 Area	0	0	0	0	0	0	0	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	0.0%	0	0	0	0	0	85	85	0	128	(43)		
1.03.14.01.22 Fld. Rem.-Design Solution 600 Area	1,707	1,543	4	(164)	1,539	2,168	2,004	0.92	92.3%	2,473	(165)	(469)	0.81	0.87	415	2,171	1,756	2,559	(387)	
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	161	108	
1.03.15.01.05 Fld. Rem.-Restoration	86	0	0	(86)	0	2,055	53	0.03	0.9%	73	(2,002)	(20)	0.73	0.38	5,930	5,930	0	15,986	(10,056)	
1.03.15.75.25 Fld. Rem.-Misc Restoration Non Site	17	0	0	(17)	0	335	8	0.03	0.9%	6	(327)	3	1.52	0.77	952	952	0	6,123	(5,172)	
1.03.99.01.29 Fld. Rem.-Management and Support	398	395	226	(3)	169	11,601	11,616	1.00	43.8%	16,266	15	(4,650)	0.71	0.86	26,370	26,541	172	49,513	(22,971)	
1.03 Fld. Rem.-Field Remediation Closur	24,217	27,748	3,366	3,531	24,382	178,730	215,169	1.20	57.4%	202,839	36,438	12,330	1.06	1.13	341,887	375,162	33,275	435,819	(60,657)	
1.04 Waste Ops-Waste Operations																				
1.04.01.01.30 Waste Ops-Construction	1,560	517	(50)	(1,042)	567	22,494	26,364	1.17	58.1%	24,203	3,870	2,161	1.09	1.13	38,853	45,391	6,539	44,235	1,157	
1.04.01.02.31 Waste Ops-Disposal	2,161	972	1,074	(1,188)	(101)	39,039	43,801	1.12	47.9%	53,368	4,761	(9,568)	0.82	0.97	86,135	91,462	5,328	101,846	(10,384)	
1.04.01.02.32 Waste Ops-Waste Treatment	401	46	(16)	(354)	63	7,776	14,012	1.80	34.3%	7,188	6,236	6,824	1.95	1.88	40,633	40,872	240	13,195	27,677	
1.04.01.02.33 Waste Ops-PNNL Facilities Disposa	0	0	0	0	0	0	0	0.0%	0	0	0	0	0	4,345	4,345	0	4,260	85		
1.04.01.02.34 Waste Ops-PNNL Facilities Waste T	0	0	0	0	0	0	0	0.0%	0	0	0	0	0	2,215	2,215	0	2,215	0		
1.04.01.03.37 Waste Ops-Transportation Routes/	545	0	0	(545)	0	2,446	2,762	1.13	28.4%	3,488	316	(725)	0.79	0.96	9,729	9,729	0	5,288	4,441	
1.04.01.03.38 Waste Ops-Transportation	1,555	1,317	849	(237)	469	31,514	38,600	1.22	44.4%	42,754	7,086	(4,154)	0.90	1.06	84,456	86,891	2,435	65,952	20,939	
1.04.01.03.39 Waste Ops-PNNL Facilities Transpo	0	0	0	0	0	0	0	0.0%	0	0	0	0	0	5,039	5,039	0	4,927	112		
1.04.01.04.3B Waste Ops-Closure	0	45	15	45	30	678	528	0.78	36.6%	413	(150)	114	1.28	1.03	1,443	1,443	0	1,228	215	
1.04.99.01.29 Waste Ops-Management and Suppo	37	37	87	0	(50)	2,322	2,322	1.00	29.5%	6,207	0	(3,884)	0.37	0.69	7,823	7,863	40	15,444	(7,581)	
1.04.99.02.29 Waste Ops - Waste Services	60	60	109	0	(49)	4,022	4,927	1.23	44.8%	4,139	905	789	1.19	1.21	10,999	10,999	0	10,666	333	
1.04 Waste Ops-Waste Operations Totals	6,318	2,996	2,067	(3,322)	929	110,292	133,317	1.21	43.5%	141,759	23,025	(8,442)	0.94	1.07	291,668	306,249	14,581	269,256	36,993	
1.05 ES/FC-End State/Final Closure																				
1.05.01.01.40 ES/FC-Risk Assessment	3,064	3,241	296	177	2,945	15,449	15,871	1.03	73.5%	18,264	422	(2,393)	0.87	0.95	16,753	21,606	4,854	27,444	(5,837)	
1.05.01.01.41 ES/FC-Long-Term Stewardship	33	36	10	3	26	1,196	880	0.74	20.7%	290	(316)	590	3.03	1.88	4,245	4,245	0	3,190	1,055	
1.05.01.01.42 ES/FC-Orphan Site Evaluations	1,448	1,492	98	44	1,395	7,442	8,509	1.14	67.9%	6,283	1,067	2,227	1.35	1.25	11,196	12,535	1,340	13,785	(1,250)	
1.05.99.01.29 ES/FC-Management and Support	37	37	38	0	(1)	1,821	1,821	1.00	42.2%	1,833	0	(11)	0.99	1.00	4,309	4,314	5	4,128	185	
1.05 ES/FC-End State/Final Closure Total	4,582	4,806	442	224	4,364	25,909	27,082	1.05	63.4%	26,670	1,173	412	1.02	1.03	36,503	42,701	6,198	48,547	(5,846)	
1.06 MS/GS-Mission Support/General Support																				
1.06.01.01.01 MS/GS-Project Integration	430	430	498	0	(69)	23,165	23,165	1.00	48.3%	22,944	0	221	1.01	1.00	46,423	47,927	1,504	47,355	571	
1.06.02.01.01 MS/GS-Project Services	1,262	1,262	1,187	0	76	65,726	65,726	1.00	47.8%	59,032	0	6,694	1.11	1.06	134,767	137,473	2,706	135,186	2,286	
1.06.03.01.01 MS/GS-SHQ	533	533	809	0	(276)	31,098	31,098	1.00	48.5%	38,596	0	(7,498)	0.81	0.90	59,587	64,094	4,507	79,863	(15,769)	
1.06.04.01.01 MS/GS-Engineering	107	107	109	0	(3)	5,391	5,391	1.00	46.9%	5,384	0	7	1.00	1.00	11,377	11,495	118	13,100	(1,605)	
1.06.05.01.01 MS/GS-Regulatory and Environment	143	143	151	0	(8)	7,069	7,069	1.00	42.3%	8,909	0	(1,840)	0.79	0.90	16,720	16,731	11	18,941	(2,210)	
1.06.06.01.01 MS/GS-Office of the Project Gen. M	503	503	498	0	4	21,665	21,665	1.00	42.3%	24,970	0	(3,305)	0.87	0.93	50,846	51,183	337	55,764	(4,580)	
1.06 MS/GS-Mission Support/General Su	2,977	2,977	3,252	0	(276)	154,114	154,114	1.00	46.9%	159,835	0	(5,721)	0.96	0.98	319,719	328,902	9,183	350,208	(21,306)	
1.10 Transition																				
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	
1.10 Transition Totals	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	
PMB (DB) Excluding K Area/CLIN 3	43,563	44,447	13,700	884	30,747	736,188	867,616	1.18	50.1%	753,244	131,429	114,373	1.15	1.17	1,660,516	1,730,856	70,340	1,653,474	77,381	
PMB (DB) K Area/CLIN 3																				

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WBS Levels 2, 5 DESCRIPTION		(\$ IN THOUSANDS)																		
		CURRENT PERIOD					INCEPTION-TO-DATE <small>*Note: SPI, CPI, CSPI Calculations Exclude Fee, Pension, Contingency, K Area, CLIN 3</small>										AT COMPLETION			
		BUDGETED COST OF		ACTUAL COST WORK PERF	VARIANCE		BUDGETED COST OF		* SPI	% CMPLT	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							
Contingency Totals		0	0	0	0	0	0	0	0.0%	0	0	0				279,230	232,577	(46,653)	232,577	0
Contingency		0	0	0	0	0	0	0	0.0%	0	0	0				279,230	232,577	(46,653)	232,577	0
Contingency		0	0	0	0	0	0	0	0.0%	0	0	0				279,230	232,577	(46,653)	232,577	0
RCC Project Target Costs		46,318	44,447	13,700	(1,871)	30,747	761,586	867,616	1.18	39.8%	753,244	106,030	114,373	1.15	1.17	2,158,850	2,182,538	23,687	2,064,241	118,297
RCC Project Non-Target Costs																				
RCC Project Non-Target Costs																				
RCC Project Non-Target Costs																				
Pension																				
Pension		247	247	563	0	(315)	11,824	11,824	30.6%	15,365	0	(3,540)				38,676	38,676	0	31,379	7,297
Pension Totals		247	247	563	0	(315)	11,824	11,824	30.6%	15,365	0	(3,540)				38,676	38,676	0	31,379	7,297
WCH Performance Fee																				
WCH Performance Fee		908	908	779	0	129	44,015	44,015	29.5%	37,069	0	6,946				149,061	149,280	219	145,873	3,407
WCH Performance Fee Totals		908	908	779	0	129	44,015	44,015	29.5%	37,069	0	6,946				149,061	149,280	219	145,873	3,407
RCC Project Non-Target Costs		1,156	1,156	1,342	0	(186)	55,839	55,839	29.7%	52,433	0	3,406				187,737	187,956	219	177,252	10,704
RCC Project Non-Target Costs		1,156	1,156	1,342	0	(186)	55,839	55,839	29.7%	52,433	0	3,406				187,737	187,956	219	177,252	10,704
RCC Project Non-Target Costs		1,156	1,156	1,342	0	(186)	55,839	55,839	29.7%	52,433	0	3,406				187,737	187,956	219	177,252	10,704
RCC Project Costs		47,473	45,603	15,042	(1,871)	30,561	817,425	923,455	1.18	39.0%	805,677	106,030	117,778	1.15	1.17	2,346,588	2,370,494	23,906	2,241,493	129,001
Total RCC Contract Costs		47,473	45,603	15,042	(1,871)	30,561	817,425	923,455	1.18	39.0%	805,677	106,030	117,778	1.15	1.17	2,346,588	2,370,494	23,906	2,241,493	129,001