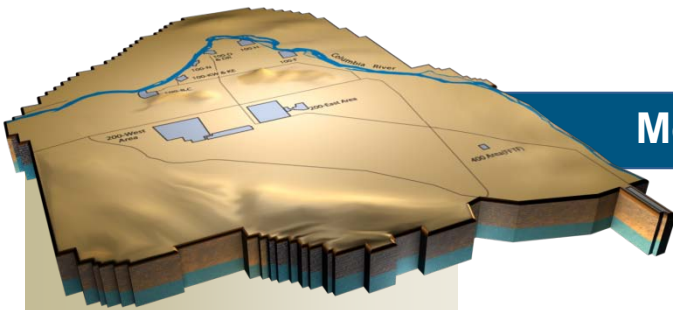


Appendix C

Project Services and Support (WBS 000) (PBS RL-XX.99)



Monthly Performance Report

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March 2011
CHPRC-2011-03, Rev. 0
Contract DE-AC06-08RL14788
Deliverable C.3.1.3.1 - 1

D. B. Cartmell
Vice President for
Business Services and
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PROGRAM SUMMARY

Project Services and Support functional activities continue to provide support and technical services to all CHPRC projects as well as central management of cross-cutting services.

TARGET ZERO PERFORMANCE

	Current Month	Rolling 12 Months	Comment
Days Away, Restricted or Transferred	0	0	N/A
Total Recordable Injuries	0	1	N/A
First Aid Cases	0	5	N/A
Near-Misses	0	0	N/A

KEY ACCOMPLISHMENTS

Safety, Health, Security, and Quality (SHS&Q)

- The monthly President's Zero Accident Council meeting was held on March 16, with sponsorship provided by the CHPRC SHS&Q organization. The three principal themes for the meeting were:
 - Home Fire Safety
 - Pest Control
 - Sprain/Strain Prevention
- Three employees of CHPRC were presented with recognition for their selfless response in coming to the aid of individuals.
- Issued five Thinking Target Zero bulletins:
 - Biobased Products
 - Emergency Eyewash
 - Job Site Review
 - Voluntary Protection Program (VPP) MERIT Recognition
 - Management of Aerosol Cans
- Issued two Special Safety Bulletins:
 - Manufacturer Inquiries (respiratory protection)
 - Aerial Lift Fatality (non-Hanford)

- Additional significant SHS&Q related program activities for the month included:
 - Occupational Safety and Industrial Hygiene (OS&IH) accomplishments:
 - Publication of weekly Safety Tailgate communiqués covering relevant and timely topics:
 - ❖ Working alone
 - ❖ Use of biobased products
 - ❖ Energy conservation
 - ❖ The Integrated Corrective Action Plan (ICAP)
 - ❖ Working from elevated surfaces/fall prevention awareness
 - ❖ Scaffold safety
 - ❖ Vision/eyesight protection
 - ❖ Emergency eyewash
 - ❖ Lockout/tagout
 - ❖ Situational awareness
 - ❖ Ergonomics
 - ❖ Radiological dosimetry
 - ❖ VPP
 - ❖ Personal Protective Equipment (PPE)
 - ❖ Injury and close call weekly summaries
 - Revision to the Automated Job Hazard Analysis (AJHA) screens in the Portable Ladder topical area was completed.
 - OS&IH staff completed document development/revisions on the Evaluation of Electrical Equipment for Beryllium and the Respiratory Protective Equipment.
 - Active participation in the Site-wide (multi-contractor) Fall Protection Committee, Confined Space Committee, and Respiratory Protection Committee continued. The three committees met throughout March to develop draft integrated implementation schedules, which were presented to representing contractor's Senior Management Team. Impacts are currently being evaluated. Work continued on the Employee Job Task Analysis and Electrical Safety Program development, through established committees.
 - The CHPRC Support Services (functional groups) organization held the Monthly Safety Meeting for employees on March 10th with the main theme of Security and Safety.
 - The DOE-HQ Formal VPP Onsite Review was conducted in March. CHPRC will be recommended for MERIT status.
 - Industrial Hygiene (IH) instrumentation training of IH Technicians continued this month; 60 percent of the task is complete.
 - In preparation for the seasonal summer weather, OS&IH completed a Work Site Assessment on the heat stress program.
 - Continued with program development work on the CHPRC and Site-wide IH databases
 - Continued with progress on Program development and corrective actions associated with the CHPRC Beryllium Characterization Project
 - Emergency Preparedness accomplishments:
 - Sixteen drills were performed in March; ten of which were operational drills.
 - Conducted T-Plant Second Quarter Limited RL Evaluated Exercise on March 17, 2011

- Obtained RL approval for the 202-S Reduction Oxidation Plant Project Emergency Preparedness Hazards Assessment
- Radiological Control accomplishments:
 - Supported site-wide efforts to implement DOE O 458.1, *Radiation Protection of the Public and the Environment*
 - Continued efforts to improve electronic radiological survey report process
 - Worked to improve the instrumentation source check and documentation process to eliminate potential errors
 - Radiological counting facility continued to analyze a multitude of samples from around the site.
- Operations Program accomplishments:
 - Conducted Phase I Assessment activities including over 50 document reviews and 20 interviews at 100K and initiated package reviews at U Canyon
 - Conducted PRC-PRO-WKM-12115, *Work Management*, round table, resolved remaining comments and approved to issue for Phase II
 - Developed Phase II updates for PRC-PRO-WKM-079, *Job Hazard Analysis*, and PRC-GD-WKM-17132, *AJHA Process Guide*
 - Issued PRC-PRO-WKM-14047, *Pre-Job Briefings and Post-Job Reviews*, and related revision to the Pre-job form
 - Developed PRC-MD-WKM-40376, *Phase Two Implementation of Revised Work Management Process*
 - Finalized and published planner roster/comment sheet, form A-6005-916 to support Phase II implementation
 - Continued supporting workshop communications with representatives from other DOE sites and DOE-HQ for the purpose of rewriting DOE G 433.1-1, *Guide for Maintenance of DOE Nuclear Facilities*
 - Continued efforts to identify the cause of false alarm problems with Canberra continuous air monitors (CAMs) at PFP. Weekly conference calls with CHPRC Procurement and the Vice President of Canberra are helping to raise the priority of Canberra's corrective efforts. Canberra dispatched field service personnel to perform upgrades to 43 CAMs.
 - Completed actions to change process for record storage of hard copy Job Control System Work Packages from Records Holding to scanned electronic images stored in records area of Integrated Document Management System (IDMS).
- Deliverables prepared and transmitted to RL in March for Nuclear Safety include:
 - Transportation Documents:
 - Email, *Super 7A Tiedown Analysis*
 - Email, *3- Revised Retrieval Special Packaging Authorization (R-SPA) Shipment Evaluation Checklist (SEC) for R-2 Payloads*
 - Email, *Contaminated Equipment (CE) SPA SEC for 8000-Gallon Tank Car*
 - Email, *Revised CE-SPA SEC for Multiple Gloveboxes*
 - Email, *Revised CE-SPA SEC for Standard Waste Boxes (SWBs) from Perma-Fix Northwest (PFNW)*
 - Email, *CE-SPA SEC for PFP Gloveboxes from Interim Storage*

- Email, *CE-SPA SEC for Return of Non-Transuranic SWBs to PFNW*
- Email, *Revised CE-SPA SEC for 3-Well Tank Cars*
- Email, *Long Culvert Internal Load Securement*
- Email, *Revised CE-SPA SEC for CE-1 boxes from Central Waste Complex (CWC) to PFNW*
- Email, *CE-SPA SEC for Return of CE-2 Drums and SWBs from PFNW*
- Email, *Revised Fuel SPA SEC for U Plant Tank D-10*
- Documented Safety Analysis:
 - Letter, CHPRC-1101317, dated March 10, 2011, *Equivalency for the Utilization of an Eight-Inch Diameter Fire Water Main To Supply Water To Building 105 KW*
 - Letter, CHPRC-1101282, dated March 10, 2011, *HPRC Transmittal of Justification for Continued Operation - Unanticipated Hold-Up Discovered in 291 Z*
 - Letter, CHPRC-1100931A R1, dated March 14, 2011, *US Department of Energy Office of Standards and Quality Assurance Assessment Report on Specific Administrative Control Implementation*
 - Letter, CHPRC-1101573, dated March 30, 2011, *Transmittal of the Annual Update to the CHPRC Safety Management Programs Documented Safety Analysis*
- Documents Received from RL:
 - Letter, 11-SED-0033, dated March 2, 2011, *Surveillance of Interface Between PFP Safety Requirements and Transportation Safety Requirements associated with the packing, staging/storage, and transport Transuranic (TRU) Waste Drums and Standard Waste Boxes, (S-10-SED-PFP-036)*
 - Letter, 11-SED-0070, dated March 3, 2011, *Approval of the Waste Encapsulation and Storage Facility (WESF) Authorization Agreement (AA) Annual Update*
 - Email, *Internal Securement for 7x4x4 Boxes within 9x5x5 Boxes*
 - Letter, 11-SED-0072, dated March 22, 2011, *The Evaluation of Safety of the Situation (ESS) for the Waste Encapsulation and Storage Facility (WESF) Increased Pool Cell Hydrogen Generation Rate*
 - Letter, 11-SED-0074, dated March 22, 2011, *Approval of the Annual Update of the B Plant Documented Safety Analysis (DSA)*
 - Letter, 11-SED-0075, dated March 24, 2011, *Revision Requested for RBOX One-Time Request for Shipment (OTRS) Extension*
 - Email, *Retrieval Box One-Time Request for Shipment Extension for Culvert shipment, 11-SED-0075*
 - Email, 1101578A, dated March 25, 2011, *Guidelines for Performing Actions Specified in SB-2011-1*
 - Email, *Long Culvert Internal Load Securement*
 - Letter, 11-SED-0082, dated March 31, 2011, *Contractor Requirements Document (CRD) of DOE Order 420.1B Change 1 (Supplement Revision 0), "Facility Safety," Change Order #125*

- Documents Received from other contractors:
 - Letter, MSA-1101400, dated March 24, 2011, *Drum Commodity Shelf Life and Storage Requirements*
- Quality and Performance Assurance accomplishments:
 - Performed 96 self-assessments across the PRC in March
 - The Quarterly Startup Notification Report (QSNR) update was submitted to RL. RL identified submittal issues, in particular with the U-Plant Canyon Grouting activity. As a result, a portion of this activity, grouting of the north-end piping and electrical galleries, was separated out and categorized (<Haz Cat 3) apart from the Canyon grouting. Piping and electrical gallery grouting began March 30th. The RL-identified QSNR issues were entered into Condition Reporting and Resolution System (CRRS) under CR-2011-1175. Approval of the QSNR is still pending.
 - The U-Canyon D-10 Tank Removal Level of Review Score Sheet and Technical Description documents were re-reviewed and updated in preparation for a formal Joint Evaluation Team (JET) review. The JET will meet following resolution of a technical question related to the potential impact of corrosion on the D-10 Tank lifting lugs and the lug attachment points.
 - Revised PRC-PRO-QA-40099, *Management Observation Program*, and PRC-PRO-QA-40090, *Work Site Assessment*, to focus on observing organizational/at-risk behaviors as well as identifying error precursors that result in events and occurrences
 - Revised PRC-PRO-QA-40091, *Integrated Assessment Planning*, to drive assessments to be scheduled on a monthly basis, and to provide guidance on scheduling fewer, better focused assessments based on risk and project activities
 - Revised PRC-PRO-QA-246, *Management Assessment*, to require review of management assessments using a pre-established grading sheet in order to measure quality of the assessments and to provide feedback to the performing manager and project
- Integration and Improvement Management accomplishments:
 - Hired three skilled cause analysts to lead and facilitate analyses for the projects
 - Root Cause Team Leader Qualification Card was developed and approved. Root Cause Team Leaders have been identified in the projects and efforts are underway to complete the qualifications by the May 1, 2011, implementation date.
 - Instituted an ICAP Champion meeting to oversee and monitor progress of action completion. The team has also established a series of communiqués to inform the company of the progress, which to date is completion of 51 of 84 actions. RL has reviewed approximately 25 percent of the closures, and has accepted them.
 - Developed and implemented the *Issues Management Review Checklist* to provide consistent criteria for developing a quality-driven analysis and corrective action plan
 - Several Corrective Action Review Board meetings have been initiated to provide review and input by Project management in developing analysis and actions for high level issues.
 - On-going training is being conducted for Responsible Manager training and CHPRC Cause Evaluator training for all the CHPRC projects and programs. In addition, the Executive Safety Review Board membership has received specialized training to aid them in their review of high-level issues, which has proven effective in their review process.

- Status of SHS&Q Performance Indicator Trend Analysis:
 - **Issue:** CHPRC Failure to Meet Minimum Safety Performance Requirements.
Status: One open action (Effectiveness Review scheduled for July 2011 completion).
Incorporated into ICAP.
Action: Complete the Effectiveness Review as scheduled.
 - **Issue:** Beryllium program assessment findings from Health Safety & Security Independent Oversight Inspection report.
Status: Supported re-baseline of site Beryllium corrective action plan (CAP) with RL, ORP, and site contractors.
Action: Implementing CHPRC actions and supporting site-wide actions per the approved CAP.
 - **Issue:** RL Corrective Action Management Core Surveillance identified needed improvement in performance.
Status: Three actions remaining. Incorporated into ICAP.
Action: Continue to complete actions as scheduled.
 - **Issue:** Performance Trends under evaluation: lock out/tag out issues, industrial operations, work management, radiological control in PFP, and subcontractor flow down requirements.
Status: Working with RL points of contact for resolution.
Action: Taking corrective actions as needed.
 - **Issue:** Transportation Documented Safety Analysis requires updating to support on-site transportation activities.
Status: Developed corrective action plan.
Action: Actions on schedule.

Environmental Program and Strategic Planning (EP&SP)

Environmental Management System (EMS)

- All EMS Objectives and Targets are on, or ahead of schedule.
- **EMS Awards:** Received two Best-in-Class and two Honorable Mention EM Electronic Suspense Tracking and Routing System Pollution Prevention Award nominations that have now been forwarded for further consideration to DOE-HQ.
 - Best-in-Class: Maintenance and Storage Facility Modifications to Save Millions of Gallons of Water Usage and SAM 940 Innovations
 - Honorable Mention: Pump and Treat Goes Wireless and Super Dump Trucks

Compliance Inspections and Reviews

- The EPA National Enforcement Investigations Center, with participation from EPA Region X and Ecology staff, conducted an inspection of dangerous waste management compliance at T Plant, Central Waste Complex, Waste Receiving and Processing, and trenches 31 and 34 from March 14 through March 24, 2011. A briefing at the end of the inspection indicated the inspectors will continue to review the documentation provided during the inspection and it may be months before a final report is issued.
- Coordinated submittal of 100K Record of Decision M-16-140 Milestone to meet due date
- Provided extensive technical assistance for the 209E Building Remedial Design (RD)/ Remedial Action Work Plan (RAWP), 200E Tier II Buildings Action Memo, 221U-Facility RD/RAWP and the Investigation Derived Waste Strategy
- CHPRC input to the draft Comprehensive Environmental Response, Compensation, and Liability Act

of 1980 (CERCLA) Five Year Review was completed in March.

- Responsibility and performance for Cultural/Historical/Ecological Reviews are being transferred from Pacific Northwest National Laboratory (PNNL) to MSA. The Environmental Program Department is taking the lead to identify areas to improve the process and shorten the times to perform, review and obtain concurrence on the reviews.
- Hanford Site Air Operating Permit renewal application activities began in January and meetings have been held with MSA, Other Hanford Contractors, and the Washington Department of Health and Ecology. Comments will be due to MSA by April 28, with RL and ORP submitting the formal renewal application to Ecology by June 30, 2011.

Environmental Review and Quality Assurance (EQA)

Independent Assessments Completed:

- EP&SP-2011-IA-9511–EQA Audit of CERCLA activities resulted in four findings and six opportunities for improvements (OFIs).
- EP&SP-2011-IA-10535–EQA Assessment of CH2M HILL Analytical Services Lab for compliance with the SOW and the EQAPP resulted in two findings.

Management Assessments Completed:

- EP&SP-2011-MA-9508 – Review of Toxic Air Permitting Compliance resulted in three OFIs.
- EP&SP-2011-MA-9509 – Mercury & Mercury Contaminated Equipment Management resulted in one OFI.

Business Services & Project Controls

- Approved and implemented eight baseline change requests, of which four were administrative in nature, and did not change budget, schedule or scope.
- Overall the contract period PMB budget is increased \$4.2 million in March 2011. Management reserve is used in the amount of \$2,283.3K as follows: (1) \$1,577.3K for RL-0041. Because the new approach for demolition of the 181KE & 181KW structures incorporates corrective actions determined to be necessary as a result of the Ecological/Cultural Resource reviews, it represents a realization of risk KBC-020, Ecological/Cultural Conditions Restrict Field Activities; and, (2) \$706K of management reserve for RL-0011 to cover estimate uncertainties for demolition of the 2736-Z/ZB vaults. As documented in administrative change request BCRA-PRC-11-002R0, “Adjustments to Fee”, the fee distribution is reduced \$56.7 million to \$247.3 million consistent with Contract Modification 147. See the Format 3 Report in Appendix A and A-1 for a complete listing of the specific change requests and the impact on the PMB budget by fiscal year (FY).
- Completed the field work for the Sludge Treatment Project (STP) change proposal and continued collecting information to support pending negotiations.
- During March, Prime Contracts received and processed nine contract modifications (numbers 110, 141, 144, 145, 148, 149, 150, 151, and 154) from RL. The Correspondence Review Team reviewed and determined distribution for 59 incoming letters and the Prime Contract Manager reviewed 61 outgoing correspondence packages.
- Participated in initial fact-finding meetings with RL to negotiate open change orders involving HX Pump-and-Treat, Central Plateau Decision Documents, ZP-1 Pump-and-Treat Operations and Maintenance, and Sludge Treatment.
- The last two American Recovery and Reinvestment Act (ARRA) mobile offices (MO2340 and MO2341) are scheduled for occupancy by April 25, 2011. Upon acceptance, the Soil and Groundwater Remediation Project (S&GRP) will begin a series of moves designed to consolidate operations and vacate older, high maintenance facilities that can be placed in cold and dark status awaiting D&D.

- The 2011 Inventory of Sensitive Property and Equipment items continued and is on schedule for completion in July. There are 6,879 items to be inventoried valued at \$124M. To date, 4,669 (or 68 percent) of the items have been accounted for. There have been no reported losses.
- In preparation for ARRA Ramp Down and Workforce Restructuring, Facilities and Property Management (F&PM) is preparing detailed asset profiles for each CHPRC Project that includes analysis of leased and owned facilities, administrative data processing (ADP) Equipment, Light Vehicles, Heavy Equipment and Equipment rentals. This analysis will assist in efficient ramp down and right sizing of the CHPRC asset base to accommodate reduced activity levels in FY2012.
- The procurement group awarded 72 new contracts with a total value of \$8.8M, amended 573 existing contracts with a total value of \$6M, and awarded 561 new purchase orders valued at \$1.7M to support Base/ARRA acceleration objectives.
- As measured at the end of the first 30 months, CHPRC's procurement volume has been significant; \$1.65B in contract activity has been recorded with approximately 49 percent or \$819M in awards to small businesses. ARRA funded activity totals 42 percent or \$689M of the grand total. This includes 4,958 contract releases, 8,764 purchase orders, and over 155,000 P-Card transactions.
- As part of continuing improvement for tracking and communicating actions between RL Contracts and CHPRC Procurement, CHPRC Procurement created a Consent Tracking Log and Acquisition Planning Document (APD) Tracking Log. These logs will be used to track each action and keep all communication regarding consent packages or APDs in one convenient location for both RL and CHPRC use.
- The Materials Procurement group recently purchased a web-based computer program called Quick Base. This program provides Buyers the capability to communicate electronically with the field regarding any issues (part numbers/QA discrepancies, etc.) that need clarification prior to a purchase order being awarded. In addition, the program tracks cycle time to resolve issues and identifies how long the issue is with a specific person, providing Procurement with reports that assist in managing the work and providing management with time-specific information for work flow issues.
- CHPRC received a P-Card rebate of \$379,904.91 from the bank. This includes approximately \$30,500 for quick payment.
- Held a meeting with all P-Card Holders to address current Internal Audit results and review recent changes made to the *P-Card Holder's User Manual* and the *Purchasing Card* procedure
- Material Services continued to work with Lockheed Martin Services Inc. (LMSI) to automate download of scanned P-Card records into IDMS. The interface should be in production in April. Interns have been scanning October P-Card records in preparation for upload to IDMS.
- Implemented a change to the Plateau Remediation Company Material Services System (PRCMSS) enabling Engineers to modify quality assurance information on Electronic Bill of Materials (eBOMs). The change has resulted in at least a two-day improvement in cycle times for construction material purchases.
- Completed a CRRS action to add Radiation Monitoring and IH Sampling equipment to the P-Card Prohibited Items list.
- Interface Management worked issues associated with Mission Support Alliance (MSA) unilaterally implementing changes to MSA provided services. Since the beginning of FY2011, CHPRC believes MSA has unilaterally made changes to the delivery of MSA provided services defined by the Attachment J-3 *Hanford Site Services and Interface Requirements Matrix*. These changes negatively impact CHPRC's ability to perform contractual commitments and resulted in unplanned costs due to MSA shifting costs from direct RL funding to service users. CHPRC formally requested MSA provide a complete list of those changes and their associated cost impacts to help determine an agreeable path forward and communicate the impact outcome to RL contracting officers.

- Interface Management continued to work with MSA to resolve concerns with FY2011 changes in rate structures for Analytical Services, Crane and Rigging Services, Facility Services, Motor Carrier Services, and Roads and Grounds Services. CHPRC is concerned change costs identified as base operation costs by the DOE J-3, *Hanford Site Services and Interface Requirements Matrix*, to be funded by MSA may be inappropriately passed to Other Hanford Contractors.
- Working with SHS&Q and Computer Services Corporation (CSC) Hanford Occupational Health Service, Interface Management led completion of a revision to the Memorandum of Agreement between CSC and CHPRC incorporating the impacts of RL's change to CSC's contract which removed "treatment" from the scope of services.
- Working with the W&FMP and MSA, Interface Management generated a revision to the Administrative Interface Agreement (AIA) *MSA Motor Carrier Services and Fleet Maintenance Support to CHPRC "Ready to Serve" Waste Transportation and Disposal at the Environmental Restoration Disposal Facility*, that incorporated changes required to provide fleet roll-off trucks to a subcontractor as Government Furnished Equipment for use on waste site remediation. At month end this document was undergoing final approval.
- Interface Management supported CHPRC Labor Relations' completion of a new interface agreement, *Agreement on Hanford Atomic Metal Trades Council (HAMTC) Seniority Related Discharges and Replacements*, between CHPRC, WCH, Eberline Services, ATL, WRPS, and MSA that addresses how the costs of layoffs and furloughs will be allocated for HAMTC workers in relation to the HAMTC worker seniority agreement.
- Working with PFP and MSA, Interface Management continued to lead efforts to insure adequate numbers of Scott Health & Safety breathing air hoses were procured to support PFP D&D efforts. Working with the W&FMP and MSA, Interface Management continued to work on dispositioning the outdated agreement between CHPRC and MSA, *HNF-16695, IA between FH Waste Stabilization and Disposal and FH Fire Department for Inspection, Testing, Maintenance of WS&D Fire Alarm and Suppression Systems*. This agreement was created prior to the PRC and MSC and the creation of the *CHPRC/MSA Memorandum of Agreement for the Performance and Payment of Services, the MSA Nuclear Safety Protocol, and the J-3 ID #20: Fire and Emergency Response Services (Fire Protection System Inspection, Testing, and Monitoring)* Service Delivery Document, causing the agreement to be out of date.
- Interface Management assisted D&D in working with MSA Fleet Services to agree on a path forward for the availability of a truck mounted remote controlled aggregate delivery system to be utilized to place gravel into each of the 100K River pump structures prior to demolition.
- Interface Management assisted D&D coordinate with CSC, MSA, Washington Closure Hanford (WCH), and Washington River Protection Solutions (WRPS) with the impacts of explosive demotion activities at the 200E Power House Water Tower on Other Hanford Contractor activities.
- Working with W&FMP, MSA and WRPS, Interface Management continued efforts to implement RL's expectations defined in the DOE J-3, *Hanford Site Services and Interface Requirements Matrix*, for WRPS to perform interface activities with Other Hanford Contractors associated with the Waste Treatment and Immobilization Plant (WTP) instead of the current practice of WTP approaching other Hanford Prime Contractors directly.
- Interface Management continued to work with MSA and WRPS on the changes required to the DOE J-3 *Site Services and Interface Requirements Matrix* to reflect the change to CSC's contract to remove "treatment" from their scope, transfer responsibility for the Public Safety and Resource Protection (PSRP) services scope from PNNL to MSA, WRPS's role in WTP related interfaces, and a change in Information Security - (*Operations Security (OPSEC)*) requirements.

- Interface Management continued to work with W&FMP and Treated Effluent Disposal Facility (TEDF) waste generators on an update to *HNF-SD-W049H-ICD-001, 200 Area Treated Effluent Disposal Facility*. The proposed revision, which documents interface requirements for safe, compliant operation of the TEDF, is required to update current references and physical configurations.
- Interface Management continued to work with MSA Strategy & External Affairs to develop a third revision to the proposed *Infrastructure and Site Services Alignment Plan* that MSA plans to submit to RL in June 2011.
- Interface Management continued to work with MSA and WRPS toward reaching consensus on changes to the draft *Hanford Site Interface Management Plan* proposed by MSA to address RL comments.
- Along with representatives of other Hanford Prime Contractors, Interface Management continued to support the MSA led RL-sponsored initiative to develop Greenhouse Gas Reduction Feasibility Studies.

Engineering, Projects and Construction (EPC)

- Central Engineering (CE) participated in a DOE-HQ led review of the Savannah River Mixed Oxide Processing Facility. The review team consisted of senior DOE-HQ staff and select contractors and is part of the enhanced reviews of major DOE-EM Projects. Team members reviewed a wide variety of topics and provided recommendations to the Shaw/AREVA A-E team.
- Reviewed and commented on the Statement of Work for the STP Engineered Container Retrieval, and Transport System (ECRTS) exhaust ventilation equipment design, fabrication, and testing. This included a review of the STP-ECRTS exhaust ventilation equipment ASME AG-1-2009 Compliance Matrix Plan.
- Chaired the conceptual design review and provided comments on the WESF K1/K3 exhaust upgrades
- Offered the High-Efficiency Particulate Air (HEPA) Filter Training Course on March 15 and 16 (Course No. 020420). The course was attended by 38 students from across the Hanford Site.
- CE is participating with DOE-HQ in the update & revision of DOE-STD-1020-2002, *Natural Phenomena Hazards Design and Evaluation Criteria for DOE Facilities*. The proposed revision will be DOE-STD-1020-2011, with the same title and will incorporate the seismic requirements defined in DOE-STD-1189.
- CE is serving on the Management Assessment Team for the U Canyon Northern Electrical and Piping Galleries Grouting.
- Reviewed and provided input to the S&GRP Apparent Cause Report CR-2011-0458, relating to the shock incident at well 199-D5-125 at 100D area.
- A CE representative attended the two-day ASME B31.3, Pressure Safety, training course and the Engineering Practices Working Group (EPWOG) Pressure Safety Task Team Meeting at Savannah River National Laboratory (SRNL).
- Performed a review/assessment of suspect weldments associated with WCH Environmental Restoration Disposal Facility (ERDF) truck frames. Welds attaching the hoist rail to the truck frame displayed linear indications at the weld toe, near the start of the weldment. The indications are believed to be minor undercut incurred at the time of initial fabrication; they do not appear to have been caused by weldment service. Additional nondestructive examination (NDE) was recommended to confirm the assessment.

Communications and Outreach

- Communications facilitated internal and external media coverage of the March 4 explosive demolition of 284E Power House support structures – positive coverage was received on local news. News and broadcast coverage also received state- and region-wide TV, radio and print attention, including *Tri-City Herald*, Northwest Public Radio, *Seattle Times* and *Seattle Daily Journal of Commerce*.
- Media coverage in March included *Engineering-News Record* magazine reported on PFP Pencil Tank removal.
- Internal project communications included a VPP newsletter for W&FMP workers, weekly D&D Safe At Work posters featuring job photos and management-directed safety messaging, weekly PFP progress and safety emails, and began designing a shift office information release to provide frequent and easy-to-read news to S&GRP workers.
- Completed the Groundwater Remediation and Central Plateau sections of the Hanford Story
- Supported tours with the Pentagon Channel and two individuals from RL who support preservation of artifacts from Hanford facilities
- Continued rolling out the Workforce Restructuring Communication Plan, with features in *On the Plateau* and on the intranet
- Ongoing communications campaigns included the “Diversity is the Key” poster with a feature on Women’s History Month, and the monthly “EMS Challenge,” with this month focused on energy conservation.
- Provided public involvement planning support for the Deep Vadose Zone Operable Unit project. A technology information exchange is tentatively scheduled for June 7. A “Save the Date” announcement was drafted and submitted to RL. Information products are being developed to support the effort.
- Began planning the public involvement efforts for two upcoming CERCLA proposed plans: 200-UP-1 Operable Unit and PW-1, 3, 6 Operable Unit. These proposed plans are anticipated to go out for public review in May and June, respectively.
- Provided information to support the March Hanford Advisory Board and State of the Site Meetings
- Helped plan the media event for the kick-off of the Deep Vadose Zone Applied Field Research Initiative on April 29
- CHPRC Communications representatives attended and co-chaired a session at the Waste Management Symposium in Phoenix, Arizona, and also provided writing support for the Symposium daily newsletter.
- Coordinated briefings for several tours of areas within CHPRC scope:
 - 100K: Delegation from ROSATOM, the Regulatory Body of the Russian Nuclear Complex
 - Groundwater Sites: North Dakota State University Department of Geosciences Professors and Students
 - 100K: FEMA Director and associates
 - 100K: Oregon State University Students
- Coordinated CHPRC’s participation in community outreach activities, including the American Cancer Society Relay for Life and the March of Dimes March for Babies

- Began issuing bi-weekly updates on the ICAP to help workers understand what ICAP is and how it is being implemented across the CHPRC projects
- Video production included four episodes of InSite and four Recovery Act videos. CHPRC also supported production of the Groundwater Remediation and Central Plateau sections of the Hanford Story.
- Published the monthly newsletter, On the Plateau, which features project and employee accomplishments across the site
- Continued publishing a weekly Recovery Act progress report and video per contract requirement Contract No. DE-AC06-08RL14788 – Modification M047, as well as a one-page weekly newsletter. Videos produced in March showcased demolition and construction at the Hanford Site including explosive demolition in the 200 East Area, preparations to demolish the 183KE Sedimentation Basins, equipment installation at the 200 West Groundwater Treatment Facility and delivery of transformers for PFP.
- Submitted an update on the 200 West Groundwater Treatment Facility construction for RL's social networking sites
- The March issue of the DOE-EM *Recovery News* newsletter featured CHPRC's progress in small business and local subcontractor awards. CHPRC also supported RL with input for a DOE-HQ News Flash about Recovery Act payments surpassing \$1 billion. For consideration in future issues of the newsletter, CHPRC submitted a story about helping the Recovery Act workforce build skills and experience for future opportunities, a profile on a small business subcontractor, and the 284W explosive demolition video setting the record for hits on RL's YouTube web site. For consideration in the DOE-EM *Update* newsletter, CHPRC also submitted a story about progress in removing the U Ancillary facilities.

PROJECT BASELINE PERFORMANCE
Current Month
(\$M)

WBS 000 Project Services and Support	Budgeted Cost of Work Scheduled	Budgeted Cost of Work Performed	Actual Cost of Work Performed	Schedule Variance (\$)	Schedule Variance (%)	Cost Variance (\$)	Cost Variance (%)	Budget at Completion (BAC)
Indirect WBS 000 Total	12.0	12.0	10.1	0.0	0.0	1.9	15.9	972.4
Communications and Outreach	0.3	0.3	0.2					14.6
Safety, Health, Security and Quality	1.8	1.8	2.8					104.5
Environmental Programs and Strategic Planning	0.3	0.3	0.3					25.0
Contract and Baseline Management	0.9	0.9	0.8					69.8
Chief Financial Officer	8.6	8.6	7.0					753.4
Engineering, Projects and Construction	0.6	0.6	0.8					35.6
PS&S G&A Adder Offset	-0.5	-0.5	-1.8					-30.4
<u>PBS Allocations</u> <u>(RL-0XX.99) Total</u>	11.8	11.8	10.6	0.0	0.0	1.2	10.0	972.4
Base Total	5.3	5.3	4.6					806.2
RL-11	0.5	0.5	0.4					45.0
RL-12	1.1	1.1	1.0					88.6
RL-13	1.2	1.2	0.8					266.9
RL-30	1.1	1.1	1.7					180.8
RL-40	0.2	0.2	0.2					157.1
RL-41	1.1	1.1	0.5					63.8
RL-42	0.0	0.0	0.0					4.0
ARRA Total	6.5	6.5	6.0					166.2
RL-11	1.7	1.7	1.5					43.2
RL-13	1.9	1.9	1.6					38.8
RL-30	0.7	0.7	0.8					18.5
RL-40	1.7	1.7	1.3					39.8
RL-41	0.5	0.5	0.7					26.0

Numbers are rounded to the nearest \$0.1M.

Indirect WBS 000**CM Schedule Performance: (\$0.0M/0.0%)**

The schedule variance is within threshold.

CM Cost Performance: (+\$1.9M/+15.9%)

The variance is primarily due to higher than planned G&A from GPP/CENRTC projects (+\$1.4M), lower FY2011 pension plan contribution (+\$0.5M) and retiree insurance premium (+0.3M), and P-Card user credit (+0.3M); offset by negative variances in Safety & Health due to increased staff to support Occupational Safety & Health, work control program improvements, and beryllium program, as well as higher radiation protection program costs (-\$1.0M).

PBS Allocations (RL-0XX.99)**CM Schedule Performance: (\$0.0M/0.0%)**

Level of Effort.

CM Cost Performance: (+\$1.2M/+10.0%)

See Indirect WBS 000 analysis above.

A variance of -\$0.5M exists between the indirect WBS 000 and the PBS allocations actual cost. This variance is the result of over liquidated indirect cost. The current policy for allocating indirect cost is to charge a burden based on the approved G&A rate and either over/ under liquidate the indirect WBS cost. Variance in each PBS may be higher or lower than the composite variance as a result of the PRC accounting practice of distributing cost based on the Project's actual cost instead of the accounting practice of planning the BCWS distribution based on the Project's BCWS by each PBS.

Contract-to-Date
(\$M)

WBS 000 Project Services and Support	Budgeted Cost of Work Scheduled	Budgeted Cost of Work Performed	Actual Cost of Work Performed	Schedule Variance (\$)	Schedule Variance (%)	Cost Variance (\$)	Cost Variance (%)	Budget at Completion (BAC)
Indirect WBS 000 Total	261.8	261.5	241.4	(0.3)	-0.1	20.1	7.7	972.4
Communications and Outreach	5.7	5.7	5.3					14.6
Safety, Health, Security and Quality	45.0	44.7	48.0					104.5
Environmental Program and Strategic Planning	8.6	8.6	8.0					25.0
Contract and Baseline Management	23.9	23.9	20.5					69.8
Chief Financial Officer	187.0	187.0	169.7					753.4
Engineering, Projects and Construction	15.5	15.5	14.1					35.6
PS&S G&A Adder Offset	-23.9	-23.9	-24.3					-30.4
<u>PBS Allocations</u> <u>(RL-0XX.99) Total</u>	259.9	259.9	236.9	0.0	0.0	23.0	8.8	972.4
Base Total	139.3	139.3	134.3					806.2
RL-11	19.9	19.9	19.1					45.0
RL-12	24.6	24.6	24.3					88.6
RL-13	37.9	37.9	35.7					266.9
RL-30	40.4	40.4	41.4					180.8
RL-40	8.1	8.1	6.5					157.1
RL-41	6.8	6.8	6.0					63.8
RL-42	1.5	1.5	1.4					4.0
ARRA Total	120.7	120.7	102.6					166.2
RL-11	28.8	28.8	24.8					43.2
RL-13	27.5	27.5	25.1					38.8
RL-30	13.4	13.4	11.3					18.5
RL-40	30.3	30.3	23.2					39.8
RL-41	20.7	20.7	18.2					26.0

Numbers are rounded to the nearest \$0.1M.

Indirect WBS 000**CTD Schedule Performance: (-\$0.3M/-0.1%)**

Within threshold.

CTD Cost Performance: (+\$20.1M/+7.7%)

The positive variance for PRC G&A and D&D activities is distributed by weighted percentage to the Base and ARRA PBSs. The variance results from lower than expected FY2009 G&A costs due to company level and Other Hanford Pass-back, lower assessments from MSA for Other Provided Services to PRC, and with a labor underrun in project support staff related to ARRA Ramp up (+\$17.2M). For FY2010, the positive cost variance (+\$1.1M) is primarily attributed to disallowed FY2009 and FY2010 Home Office costs, underruns in the Retiree Insurance Program, and estimating software earned but not yet purchased; offset by lower than planned G&A from the projects due to delays in capital projects. The FY2011 positive cost variance of \$1.8M is primarily due to higher G&A from GPP/CENRTC projects (\$4.9M), lower pension plan contribution (\$2.4M), and lower retiree insurance premiums (\$0.8M). This is offset by increased staffing to support safety and work control programs, increased beryllium program costs, cost of radiation protection program equipment (-\$5.5M), increased construction program support due to higher FY2011 construction activity (-\$0.5M), and higher facility maintenance activities related to cold weather repairs and safety issues (-\$0.4M).

PBS Allocations (RL-0XX.99)**CTD Schedule Performance: (\$0.0M/0.0%)**

Level of Effort.

CTD Cost Performance: (+\$23.0M/+8.8%)

See Indirect WBS 000 analysis above.

A variance of +\$4.4M exists between the indirect WBS 000 and the PBS allocations actual cost. This variance is the result of under liquidated indirect cost. This results from higher G&A generated by GPP/CENRTC and WFO. The current policy for allocating indirect cost is to charge a burden based on the approved G&A rate and either over or under liquidate the indirect WBS cost.

Variances in each PBS may be higher or lower than the composite variance as a result of the PRC accounting practice of distributing cost based on the Project's actual cost instead of the accounting practice of planning the BCWS distribution based on the Project's BCWS by each PBS.

Estimate at Completion (EAC)

The BAC and EAC now include FY2009 through FY2018, the PRC contract period. The variance between the EAC and the BAC reflects the impact of labor underrun in project support staff related to ARRA Ramp-up coupled with efficiencies in current workloads.

FY2011 FUNDS vs. SPEND FORECAST
(\$M)

WBS 000 Project Services and Support	FY2011		Variance
	Projected Funding	Spending Forecast	
ARRA	68.6	69.0	(0.4)
Base	<u>51.2</u>	<u>50.3</u>	<u>0.9</u>
Total	119.8	119.3	0.5
Communications and Outreach	2.4	2.4	
Safety, Health, Security and Quality	27.8	27.2	
Environmental Program and Strategic Planning	3.6	3.6	
Contract and Baseline Management	8.5	8.8	
Chief Financial Officer	79.6	79.6	
Engineering, Projects and Construction	8.6	8.6	
PS&S G&A Adder Offset	-10.8	-10.8	
<u>PBS Allocations</u> <u>(RL-0XX.99) Total</u>			
Base Total	51.2	50.3	0.9
RL-11	4.3	4.4	
RL-12	9.7	9.7	
RL-13	10.2	10.0	
RL-30	18.7	18.3	
RL-40	2.2	2.1	
RL-41	5.9	5.8	
RL-42	0.1	0.1	
ARRA Total	68.6	69.0	(0.4)
RL-11	18.1	17.8	
RL-13	18.1	18.8	
RL-30	7.7	8.3	
RL-40	16.6	16.4	
RL-41	8.0	7.7	

Numbers are rounded to the nearest \$0.1M.

Funds Analysis

FY2011 total funding of \$117.7M was increased by \$2.1M in March. The increase is a result of realigning the funds distribution based on March Fiscal Year Spend Forecasts. Revised FY2011 total available funding is \$119.8M.

Baseline Change Requests

BCRA-PRC-11-031R0, General Administrative & FOC Changes for March 2011

MAJOR ISSUES

None identified.

MILESTONE STATUS

None identified.

SELF-PERFORMED WORK

The Section H.20 clause entitled, "Self-Performed Work," is addressed in the Monthly Report Overview.

GOVERNMENT FURNISHED SERVICES AND INFORMATION (GFS/I)

None identified.