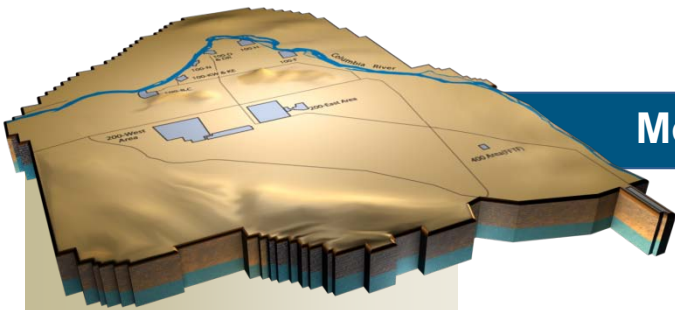


Appendix C

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



Monthly Performance Report

T. L. Vaughn
Vice President for
Safety, Health, Security
and Quality

K. A. Dorr
Vice President for
Engineering, Projects
and Construction

M. N. Jaraysi
Vice President for
Environmental Program and
Strategic Planning

K. G. Tebrugge
Director of
Communications and
Outreach

December 2010
DOE/RL-2010-126-12, Rev. 0
Contract DE-AC06-08RL14788
Deliverable C.3.1.3.1 - 1

D. B. Cartmell
Vice President for
Business Services and
Project Controls

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	2	4	11/4/10 – Employee noticed an odor and felt light-headed. 21456 11/4/10 – Employee noticed an odor and felt light-headed. 21514
Near-Misses	0	0	N/A

KEY ACCOMPLISHMENTS

Safety, Health, Security, and Quality

- The monthly President's Zero Accident Council (PZAC) meeting was held on December 15th, with sponsorship provided by the CHPRC Engineering, Procurement and Construction Project. The three principal themes for the meeting were:
 - Holiday Safety
 - Winter Driving
 - Spotter Training
- Two employees of CHPRC were presented with recognition for their selfless response in coming to the aid of individuals who were involved in separate traffic accidents off Site (one HERO, and one Lifesaving Award)
- Developed and issued five Thinking Target Zero bulletins:
 - Dosimeter Usage Reminders
 - Year-End Dosimeter Exchange
 - New Year's Resolutions
 - Look-Alikes
 - Post Job Reviews
- Issued one Special Safety Bulletin:
 - Using Reciprocating Saws
- 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 continued with topics that included: seven Human Performance Safety Improvement (HPI) tools for success, holiday fire and ladder safety – and distractions, 2011 Safety Improvement Plan, hypothermia recognition and prevention, reported close calls, and summaries of weekly injuries
- In a follow-up response to the new Occupational Safety and Health Administration (OSHA) Rule for Cranes and Derricks in Construction (29 CFR 1926 Subpart CC), CHPRC comments to the proposed revision of the Hanford Site Hoisting & Rigging Manual were addressed and resolved. The plan and schedule for implementation of changes in January 2011 is moving forward.
- CHPRC Vehicle Spotter Awareness Training (computer-based; Course No. 600078) has commenced, with over 250 employees completing the course during the month of December
- As an integral part of the company’s Industrial Hygienist and Industrial Safety Specialist Qualification Card program (currently in development), Qualification Cards have been developed and released for use by Industrial Hygiene Technicians (IHT’s) deployed at the Soil & Groundwater Remediation Project
- The 2011 CHPRC Voluntary Protection Program Safety Improvement Plan was issued in December
- A revision to PRC-PRO-WKM-079 (Job Hazard Analysis) was published to implement a work management pilot program at the 100K D&D Project
- OS&IH technical authorities completed gap analysis activities in reviewing the content of specific CHPRC OS&IH procedures against that of Site Wide Programs developed for Hanford “multi-contractor” use
- Continued with program development, sampling, and completion of corrective actions associated with the CHPRC Beryllium Characterization Project
- Emergency Preparedness (EP) accomplishments:
 - Sixteen drills were performed in December; seven of which were operational drills
 - Defense Nuclear Facilities Safety Board (DNFSB) Hanford Emergency Preparedness Review noted significant improvements within CHPRC
 - Successfully passed Fiscal Year 2011 First Quarter RL-Evaluated Field Exercise conducted at the Waste Encapsulation and Storage Facility (WESF) on November 18
- Radiological Control accomplishments:
 - Continued to draft procedure revisions to support revised Work Control implementation
 - Modified operating temperature ranges for AMS-4 and Alpha Sentry Continuous Air Monitors based on PNNL instrument studies
 - Issued two Software Quality Assurance Management Plans to support count room operations
- Work Control and Performance Improvement accomplishments:
 - PRC-PRO-WKM-079 rev. 3-0 issued; revision supports changes to the Automated Job Hazard Analysis (AJHA) tool to reflect skill-based and beyond skill-based controls
 - Provided PowerPoint presentation to Field Work Supervisors (FWS) and Planners as Required Reading to provide instruction on changes to the AJHA tool and PRO-079
 - Conducted two planner workshops on the new planning template; very good feedback and additional workshops ongoing in January
 - Compiled list of names for gap training (> 1100) and Responsible Manager candidates (>60) for implementation of the updated work control process
 - Conducted four AJHA training sessions at HAMMER
 - Distributed six procedures for review to support work control process improvements
 - Developed process and qualification card for work planners for a nuclear safety categorical exclusion

- Initiated Impact Analysis effort for the new Conduct of Operations DOE Order, 422.1
- Deliverables that were prepared and transmitted to RL in December for Nuclear Safety include:
 - Transportation Documents:
 - Email, Multiple Glovebox Contaminated Equipment (CE) – Special Packaging Authorization (SPA) Shipment Evaluation Checklist (SEC), Rev. 5
 - Email, CE-SPA SEC for Return of Standard Waste Boxes (SWBs) from Perma-Fix
 - Email, Multiple Glovebox CE-SPA SEC, Rev. 6
 - Email, Knockout Pot Material Fuel-SPA SEC
 - Email, U-Plant Tank D-10 F-SPA Shipment Evaluation Checklist
 - Documented Safety Analysis:
 - Letter, CHPRC-1003778, dated December 1, 2010, Solid Waste Operations Complex Authorization Agreement, 2010 Annual Update
 - Letter, CHPRC-1004207, dated December 17, 2010, Submittal of Annual Update to the Cold Vacuum Drying Facility Safety Basis Documents
 - Letter, CHPRC-1004368, dated December 21, 2010, CHPRC Submittal of Annual Update to Plutonium Finishing Plant Authorization Agreement
 - Letter, CHPRC-1004494, dated December 21, 2010, CHPRC Transmittal of Evaluation of Safety of the Situation - Management of 242-Z Facility Airlocks and Doors
 - Letter, CHPRC-1004281, dated December 28, 2010, Transmittal of 2010 Conversion to the 200 Area Interim Storage Area Documented Safety Analysis, Revision 0, The 200 Area Interim Storage Area Technical Safety Requirements, Revision 0, and the Unreviewed Safety Question Determination Summary
 - Documents Received from RL:
 - Letter, 11-SES-0014, dated November 29, 2010, DOE/RL-2009-89, Transportation Hazards Survey and Emergency Planning Hazards Assessment, Change Order Number 106
 - Email, Multiple Glovebox CE-SPA SEC, Rev. 5
 - Email, CE-SPA SEC for return of SWBs from Perma-Fix
 - Email, Multiple Glovebox CE-SPA SEC, Rev. 6
 - Email, Tiedown Plan for Direct-Loaded Drums
 - Letter, 11-SED-011, dated December 10, 2010, Annual Update to CHPRC Safety Management Programs (SMPs)
 - Letter, 11-FMD-0016, dated December 15, 2010, Request for Services for CHPRC RFS-RF2020-4 Criticality Safety Support Group (CSSG)
 - Email, Tiedown Plan for Securement of Boxes to the Top Hat Base
 - Letter, 11-SED-0045, dated December 22, 2010, Request for Extension of Transportation Safety Multi-Canister Overpack Cask Safety Analysis Report, HNF-SD-TP-SARP-017
 - Letter, 11-SED-0042, dated December 22, 2010, Request for Approval of the Canister Storage Building (CSB) and 200 Area Interim Storage Area Authorization Agreement (AA) Annual Update
 - Letter, 11-SED-0048, dated December 22, 2010, Request for Approval of the Canister Storage Building (CSB) and 200 Area Interim Storage Area Authorization Agreement (AA) Annual Update
 - Email, Tiedown Plan for the Top Hat to Trailer 5716
 - Letter, 11-SED-0043, dated December 27, 2010, Revised Potential Inadequacy of the Safety Analysis (PISA) Determination Associated with the 2010 Annual Unreviewed Safety Question (USQ) for Transportation Determination Summary Report

- Quality and Performance Assurance accomplishments:
 - Performed 109 self-assessments in December
 - Prepared draft report for the Independent Assessment of the CHPRC D&D/Balance of Site (BOS) Organization
 - Issued 14 verification Work Site Assessments on completed CHPRC corrective actions in response to Beryllium assessment issues from Health Safety & Security Independent Oversight Inspection report
- Integration and Improvement Management accomplishments:
 - Continued the development of CHPRC Performance Indicator metrics that are routinely tracked and trended to indicate performance against established goals
 - Conducted on-going Responsible Manager training (Course # 600082) for SHS&Q management team and the Project management team
 - Completed CHPRC Cause Evaluator training to PFP personnel (CAM Specialists) and several of the other Projects (Waste & Fuels, D&D, and Groundwater)
- Status of SHS&Q Performance Indicator Trend Analysis:
 - **Issue:** CHPRC Failure to Meet Minimum Safety Performance Requirements (CPOF).
Status: One open action (Effectiveness Review scheduled for March, 2011 completion).
Action: Complete the Effectiveness Review as scheduled.
 - **Issue:** Beryllium program assessment findings from Health Safety & Security Independent Oversight Inspection report.
Status: Supported development of site Beryllium 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: New Issues Management Manager started 1/10/11; three remaining open actions.
Action: Continue to train individuals in the Projects.
 - **Issue:** Performance Trends require further evaluation; lock out/tag out (LO/TO) issues, industrial operations, work management, radiological control, fire protection, and subcontractor flow down requirements.
Status: Working with DOE-RL points of contact for resolution.
Action: Develop corrective actions as needed.
 - **Issue:** Vehicle Safety performance has shown an improving trend.
Status: Site wide corrective actions are on schedule.
Action: Continued workforce focus; new spotter training is underway.
 - **Issue:** Transportation DSA requires updating to support on-site transportation activities.
Status: Developed CAP.
Action: Actions on schedule.

Environmental Program and Strategic Planning (EPSP)

Environmental Management System accomplishments:

- Submitted six pollution prevention and sustainability annual award nominations to DOE-HQ for consideration. Nominations will be reviewed by DOE-HQ and the winners announced in early 2011.
- The Eastern Washington Chapter of the Academy of Certified Hazardous Material Managers recognized Paul Martin of the EP Department as the “Manager of the Year” for mentoring and his Resource Conservation and Recovery Act of 1976 (RCRA) “2-minute training” distributions.

- The Department of Ecology (Ecology) conducted a Hanford Air Operating Permit Compliance inspection of six CHPRC emission units to verify compliance with AOP and FF-01 license requirements, with no Findings
- Completed a Pollution Prevention Opportunity Assessment for the Construction Forces carpentry shop. Two Opportunities for Improvement (OFI) were identified for further evaluation.

Management Assessments Completed:

- Sampling Program & Processes - Settler Sludge Sample Chain of Custody - D&D (MA-11-01): resulted in one OFI

Environmental Quality Assurance: Surveillances Completed

- Using and Storing Chemicals - D&D (QA-EQA-SURV-11-01): resulted in no Findings or OFI
- NPDES Monthly Reporting and Discharge of Wastewaters to Ground at 100K (QA-EQA-SURV-11-004): resulted in no Findings and three OFI's
- Waste Sampling and Characterization Facility (WSCF) Deionized Water (QAQ-EQA-SURV-11-05): resulted in no Findings or OFI

Business Services and Project Controls

- Approved and implemented seven baseline change requests, of which two were administrative in nature, and did not change budget, schedule or scope.
- Overall the contract period PMB budget was reduced \$258.0M in December 2010. While there was no use of management reserve due to realized risks in December 2010, the management reserve values for all Project Baseline Summaries (PBSs) were revised based on an updated risk profile for all PBS scope as defined in the PRC Baseline, Revision 2 Update (see change request BCR-PRC-10-053R0, dated September 10, 2010) and documented in Risk Results Report CHPRC-00598, Revision 1, dated October 2010. The overall change in management reserve is an increase of \$36.7M, with a reduction of \$14.8M in the near term (FYs 2011-2013) and an increase of \$51.5M in the out-years (FYs 2014-2018).
- Four Change Proposals were delivered in support of the upcoming Contract negotiations
- During December, Prime Contracts received and processed five (5) contract modifications (#132, 111, 135, 136, & 130) from RL. The Correspondence Review Team reviewed and determined distribution for 50 incoming letters and the Prime Contract Manager reviewed 60 outgoing correspondence packages.
- The procurements have been awarded for two additional five-wide mobile offices and two mobile restroom facilities required to support the remaining space requirements for the Soil and Groundwater Remediation Project (S&GRP). Deliveries are scheduled between January 17, 2011 and February 1, 2011. The site preparation contract for installation of these units was awarded on December 17, 2010, and field work will commence on January 5, 2011.
- Occupancy of the first shop facility in the Unsecured Core Area of 200E (S&GW Building 2-2268E) was obtained on December 20, 2010. The S&GW Building 1 – 2269E and EPC Buildings 1 and 2 – 2610 and 2611E are scheduled for occupancy on January 31, 2011.
- The procurement group awarded 125 new contracts with a total value of \$13.5M, amended 598 existing contracts with a total value of \$1.67M, and awarded 321 new purchase orders valued at \$2.4M to support Base/ARRA acceleration objectives.
- As measured at the end of the first 27 months, CHPRC's procurement volume has been significant; \$1.54B in contract activity has been recorded with approximately 49% or \$760M in awards to small businesses. ARRA funded activity totals 43% or \$657M of the grand total. This includes 4,631 contract releases, 7560 purchase orders, and over 136,000 P-Card transactions.
- CHPRC submitted Revision 2 of the Subcontracting Plan to RL on Thursday, December 30, 2010. There were minor changes to the narrative portion of the plan. CHPRC proposed to raise the small

business goals in two categories:

- Women-owned small businesses from 6.5% to 7.5%
- Veteran-owned small business goal from 2.0% to 2.7%

CHPRC also proposed to lower the small business goals in two categories:

- Service-disabled veteran owned small businesses from 2.0% to 1.3%
- HUBZone small businesses from 3.2% to 2.2%

- Attachment 5 to PRC-PRO-123 was published for all Buyer Technical Representatives (BTRs) to use. It was reworked to simplify the structure and update the content. Attachment 5 to PRO-123 is a working reference for CHPRC requestors/BTRs who are preparing acquisition documents and Statements of Work (SOW). The purpose is to help the requestor/BTR identify circumstances when involvement of one or more subject matter experts might be needed, not to answer the question or provide guidance. It will lead the requestor/BTR to an appropriate contact that can provide guidance, additional supporting information and oversight, if needed. The goal is to help the requestor/BTR create a more complete and better SOW and ensure that an appropriate and experienced team is involved with the acquisition.
- Material Services submitted Final Management Responses to Internal Audit on P-Card audit IA10-10, and later submitted supplemental information at the request of RL
- P-Card Administration has been working with IDMS experts at LMSI to develop the structure in which P-Card records will be scanned and maintained
- Material Services has been training several Fluor Federal Services (FFS) personnel in the creation of Passport catalog IDs, eBOM input and purchasing, and P-Card. This effort is in support of CHPRC small business goals.
- Assisted PFP in setting up a large number of Catalog IDs for the 234-5Z Supply Air Chiller System. For this reporting period, 57 new Catalog IDs for this system were set up, with more to follow.
- Worked with MSA programmer to affect changes in the *Crystal Spare Parts by Responsibility Group* and *Reorder Analysis* reports. These reports are “Burst” every Monday morning to the members of each Passport Alert Group. A previous change to the report forced an indication that a demand had been placed on a given item and added the corresponding Material Request Number. The previous change also added whether or not a Purchase Requisition had been created for each item on the Reorder Analysis report, but did not give the number. The latest change to the report added the Purchase Requisition Number.
- Material Services and Procurement personnel have been working with Finance to improve Crystal and financial reports having to do with P-Card data. One improvement adds the unit of measure for each line item.
- Updated instructions in PRO-123 Attachment 5 for both PRC-PRO-EN-129 (Controlling Spare Parts Inventory) and PRC-PRO-IR-070 (Plant Forces Work Review – Davis-Bacon Act Compliance). The purpose of this change was to improve the effectiveness of PRO-123 as a tool for BTRs.
- Updated Non-Standard High-Efficiency Particulate Air (HEPA) Quality Assurance Inspection Procedure (QAIP) in the Passport Library per request from HEPA Filter SME
- Working with the CHPRC W&FMP and Washington River Protection Solutions (WRPS), Interface Management facilitated completion of an update to HNF-3395, *Interface Control Document between 242-A Evaporator Facility and the LERF*
- CHPRC SHS&Q and Interface Management developed and provided MSA with CHPRC’s proposal on how to best respond to RL’s request that MSA evaluate the potential consolidation of Hanford Prime Contractor Emergency Preparedness (EP) organizations under MSA
- Interface Management worked with CHPRC Facilities and Property Management and MSA to better define roles and responsibilities for how engineering support and configuration management and work control is implemented at CHPRC non-radiological facilities where MSA provides facility

maintenance per the DOE J-3 Matrix Service J-36, *Facility Services*. It was agreed MSA will provide engineering support, configuration management, and work control for these facilities.

- Working with the CHPRC W&FMP, Interface Management developed and successfully negotiated with MSA and WRPS a revision to the Service Delivery Document (SDD) for J-3 ID #38, *Fleet Services*, which incorporated roles and responsibilities for operation of hazardous waste tank trailers. Components of the MSA managed fleet, which these tanker trailers are a part of, are typically assigned and utilized by a single contractor. The tank trailers are unique due to their assignment to CHPRC as their custodian yet they are used by shippers other than CHPRC (such as WRPS) and the hazards associated with their cargo making formal documentation of the roles and responsibilities associated with their operation appropriate.
- Working with MSA, Interface Management developed a proposed new Administrative Interface Agreement defining the roles and responsibilities for operation of Pit 34, which is assigned to CHPRC but operated by MSA. The proposed agreement is currently undergoing final review and approval.
- FY2011 MSA changes in their rate structures for Analytical Services, Crane and Rigging Services, Facility Services, Motor Carrier Services, and Roads and Grounds Services has caused CHPRC to be concerned that costs associated with these service areas identified as base operations costs by the DOE J-3, Hanford Site Services and Interface Requirements Matrix, may be inappropriately being passed to Other Hanford Contractors. Interface Management developed a summary of CHPRC's concerns and forwarded it to MSA with a request for a response.
- Interface Management continued its support of CHPRC's ongoing effort to improve performance on the execution of medical exams for CHPRC workers by Advance Med Hanford
- Working with SHS&Q and Information Management & Technology Services, Interface Management initiated a dialogue with MSA regarding CHPRC concerns with the lack of effectiveness of the J-3 Matrix Services Craft Radio Services and Emergency Radio Services provided by MSA. Radio coverage at a number of locations across the Hanford Site is a CHPRC operations and safety concern.
- Interface Management worked with MSA Strategy and External Affairs to define a path forward for CHPRC participation in developing a third revision to the proposed Infrastructure and Site Services Alignment Plan that MSA plans to submit to RL in June 2011
- Interface Management reviewed and commented on changes to the draft Hanford Site Interface Management Plan proposed by MSA to address RL comments

Engineering, Projects and Construction (EPC)

- Central Engineering (CE) represented the CHPRC at the Energy Facilities Contractors Group (EFCOG) semi-annual meeting. The CHPRC Chief Engineer presented the Engineering Practices Working Group (EPWOG) progress report and provided meeting notes to staff members.
- CE completed an evaluation of sheave bracket weldments associated with WCH ERDF shuttle trucks. Observed weld flaws are attributed to poor workmanship at the time of fabrication and as a result of operational service. A recommendation was made that Hanford Welding Program personnel re-work the welds to bring into compliance with applicable, governing codes and standards.
- CE provided comments on the preliminary design of the 100 KE Reactor Core Disposal Packaging project
- CE is performing calculation check and independent design review for the KW Annex Modifications to support the retrieval, transfer and packaging of existing engineered container and settler tank sludge from the KW Basin
- CE presented HEPA filter training (course number 020420) on December 13, 2010. The course was attended by craft personnel, planners, QA/QC personnel, system engineers, design authorities, and project managers.

- CE was invited to the Electric Power Research Institute (EPRI) Welding Repair and Technology Center (WRTC) annual meeting in New Orleans, LA to present/discuss welding challenges/issues associated with the closure of radioactive materials containers. CHPRC, with RL support, is considering the use, and attendant qualification activities, of an emerging joining technology for upcoming Hanford packaging activities. The CHPRC work and activities were well-received by the WRTC; follow-on meetings with EPRI (in Richland, WA) are tentatively planned for the first part of 2011.
- EPC-2011-WSA-10421 was completed. The Work Site Assessment evaluated the Safety Management Program Lines of Inquiry for Key Attributes 16-3, and 17-5.
- CE has been tasked to provide welding and materials consultation for failed welds associated with Washington Closure Hanford (WCH) Environmental Restoration Disposal Facility (ERDF) shuttle trucks. The scope of the task includes weld failure characterization and cause identification, along with a detailed repair plan which may include design modifications for improved performance. CE, in conjunction with EPC Preventive Maintenance/Corrective Maintenance PM/CM Program Support personnel, finalized and approved an EPC Engineering Blanket Master Agreement (BMA). The BMA was posted for solicitation in December; six bidders responded. The contract is scheduled for award in January 2011.
- CE completed and issued Revision 1 of the arc flash calculation for Sludge Treatment Project (STP) project at Maintenance and Storage Facility (MASF). The calculation was revised based on as found protective device settings.
- Continued evaluation of potential non-nationally recognized testing lab materials. The majority of the items are approved for use in the field once a thorough review has been completed and supporting documentation has been prepared and approved. For example, CE support to close out NCR NCR-10-MSA/AVS-0224: A non-compliance report was written for storage units that had been delivered with an Nationally Recognized Testing Lab (NRTL) requirement on the QAIP and the Acquisition Verification Services (AVS) inspector was unable to determine if all components had NRTL labels. The outcome was to accept the units as is on the basis that it was assembled equipment that had passed a previous National Electric Code (NEC) inspection.
- Continued to provide technical support to the ARRA facilities projects, including SOW review and approval, detailed design drawing checking and approval, calculation preparation, submittal reviews, Facility Modification Packages, Design Change Notices, Memorandum of Understanding review and approval, and field walk downs at the mobile office construction sites.

Communications and Outreach

- CHPRC Public Affairs supported development of press releases on the completed cleanup at the Arid Lands Ecology Reserve (ALE) and the 100th TRUPACT-II shipment. Both accomplishments were featured in the *Tri-City Herald* and RL's social networking sites. The *Tri-City Herald* also featured an article about CHPRC employees receiving awards from the Eastern Washington Chapter of the Academy of Certified Hazardous Materials Managers, two of which were for the use of innovative technologies to support Recovery Act-funded waste site remediation.
- The December issue of the DOE-EM *Recovery News* newsletter featured CHPRC's progress in 2010 that is setting the stage for continuing cleanup at the Hanford Site. Articles submitted for future issues of the newsletter include a story about CHPRC's top three accomplishments in 2010 (demolishing facilities, expanding groundwater treatment and removing legacy waste and fuels) and a profile on Rick Nickerson, an employee hired via the Recovery Act.
- In addition to the weekly report, Public Affairs published its weekly *Recovery Act Update*, documenting current issues. Copies of the newsletter are available on CHPRC's external web site and feature a wide range of project progress topics.

- This month's weekly videos for the weekly Recovery Act report covered cleanup on the Central Plateau: placement of pavement for next generation waste retrieval equipment in the 200 West Area; the 100th TRUPACT-II shipment to leave the Hanford Site; and, new technology deployed to support soil remediation at the BC Control Area. December's edition of *On the Plateau* highlighted ongoing glovebox removal at PFP, listed the Environmental Management System (EMS) targets for the new year, and described the historic footprint reduction on the ALE reserve.
- Played a major role in the development of the MSA led *Hanford Story* video series that will be shown on interactive kiosks placed throughout the Tri-Cities
- Produced four *InSite* Weekly News programs aimed at communicating progress, employee engagement and community involvement by the workforce
- Began planning for January all employee meetings

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	9.7	9.7	7.0	0.0	0.0	2.8	28.5	972.4
Communications and Outreach	0.2	0.2	0.2					14.6
Safety, Health, Security and Quality	1.5	1.5	2.1					104.5
Environmental Programs and Strategic Planning	0.4	0.4	0.3					34.5
Business Services and Project Controls	7.2	7.2	3.8					783.2
Engineering, Projects and Construction	0.5	0.5	0.5					35.6
<u>PBS Allocations</u> (RL-0XX.99) Total	9.7	9.7	8.6	0.0	0.0	1.1	11.4	972.4
Base Total	4.5	4.5	4.0					811.1
RL-11	0.5	0.5	0.4					48.0
RL-12	0.8	0.8	0.8					87.1
RL-13	0.9	0.9	0.9					266.7
RL-30	1.4	1.4	1.4					185.4
RL-40	0.5	0.5	0.2					161.1
RL-41	0.3	0.3	0.4					58.7
RL-42	0.0	0.0	0.0					4.1
ARRA Total	5.2	5.2	4.6					161.3
RL-11	1.5	1.5	1.1					41.4
RL-13	1.5	1.5	1.1					39.0
RL-30	0.3	0.3	0.6					14.1
RL-40	1.1	1.1	1.2					38.2
RL-41	0.8	0.8	0.7					28.5

Numbers are rounded to the nearest \$0.1M.

Indirect WBS 000**CM Schedule Performance: (\$0.M/0.0%)**

The schedule variance is within threshold.

CM Cost Performance: (+\$2.8M/+28.5%)

The positive cost variance is primarily due to credit for MSA's prior month double accrual of charges for IRM Services from LMIT (\$2.1M), higher G&A generated by capital projects (\$0.8M), and lower FY2011 pension plan contribution (\$0.4M). This is offset by Safety & Health increased staff to support OS&H, work control program, and beryllium program (-\$0.5M).

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

Level of Effort.

CM Cost Performance: (+\$1.1M/+11.4%)

The positive cost variance is primarily due to the credit for MSA's prior month double accrual of IRM Services from LMIT (+\$2.1M), the lower FY2011 pension plan contribution (+\$0.4M), and higher G&A generated by capital projects (+\$0.8M); all of which was offset by over liquidated indirect cost (-\$1.7M) the cost to implement OS&H, the beryllium program, and improve Conduct of Work program (-\$0.5M).

A variance of -\$1.6M 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 or 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	231.5	231.5	213.4	(0.3)	-0.1	17.8	7.7	972.4
Communications and Outreach	5.5	5.5	4.7					14.6
Safety, Health, Security and Quality	4.06	40.3	40.6					104.5
Environmental Program and Strategic Planning	10.9	10.9	9.1					34.5
Business Services and Project Controls	161.1	161.1	146.9					783.2
Engineering, Projects and Construction	13.9	13.9	12.1					35.6
<u>PBS Allocations (RL-0XX.99) Total</u>	231.5	231.5	210.5	0.0	0.0	21.0	9.1	972.4
Base Total	127.1	127.1	123.2					811.1
RL-11	19.0	19.0	18.1					48
RL-12	22.0	22.0	21.9					87.1
RL-13	34.8	34.8	33.7					266.7
RL-30	37.4	37.4	36.9					185.4
RL-40	8.3	8.3	6.0					161.1
RL-41	3.9	3.9	5.2					58.7
RL-42	1.5	1.5	1.3					4.1
ARRA Total	104.4	104.4	87.3					161.3
RL-11	25.5	25.5	20.9					41.4
RL-13	23.2	23.2	20.9					39.0
RL-30	10.2	10.2	9.6					14.1
RL-40	25.9	25.9	19.8					38.2
RL-41	19.7	19.7	16.1					28.5

Numbers are rounded to the nearest \$0.1M.

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

Within threshold.

CTD Cost Performance: (+\$17.8M/+7.7%)

The positive variance for PRC G&A and DD activities is distributed by weighted percentage to the Base and ARRA PBSs. This is the result of lower than expected FY2009 G&A costs due company level and Other Hanford Pass-back, lower assessments from MSA for Other Provided Services to PRC, and with a labor under run 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, under runs 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 negative cost variance of -\$0.5M is primarily due to increased staffing to support safety and work control programs, increased beryllium program costs, and cost of radiation protection equipment (-\$2.5M); ineligibility for B&O high tax credit until January (-\$0.7M); and progress-related variance (-\$0.3M). This is offset by higher G&A from capital projects (+\$1.9M) and lower pension plan contribution (+\$1.1M).

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

Level of Effort.

CTD Cost Performance: (+\$21.0M/+9.1%)

See Indirect WBS 000 analysis above, excluding the -\$0.3M portion of the CV related to progress (the difference between BCWP and ACWP is not applicable to allocation of actual cost).

A variance of +\$2.9M 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 under run in project support staff related to ARRA Ramp-up coupled with efficiencies in current workloads.

FY2011 FUNDS vs. SPEND FORECAST (\$M)

FY2011			
WBS 000 Project Services and Support	Projected Funding	Spending Forecast	Variance
ARRA	72.3	72.6	-0.3
Base	<u>62.6</u>	<u>59.2</u>	<u>3.0</u>
Total	134.9	131.8	3.1
Numbers are rounded to the nearest \$0.1M.			
Communications and Outreach	2.6	2.5	
Safety, Health, Security and Quality	19.3	24.8	
Environmental Program and Strategic Planning	4.6	4.3	
Business Services and Project Controls	102	91.3	
Engineering, Projects and Construction	6.4	8.9	
<u>PBS Allocations (RL-0XX.99) Total</u>			
Base Total	62.6	59.2	3.4
RL-11	7.6	5.6	
RL-12	10.4	11.3	
RL-13	12.2	13.4	
RL-30	20.3	15.3	
RL-40	7.0	2.7	
RL-41	4.8	10.8	
RL-42	0.3	0.2	
ARRA Total	72.3	72.6	-0.3
RL-11	20.2	20.1	
RL-13	20.2	18.9	
RL-30	4.9	10.3	
RL-40	15.6	16.5	
RL-41	11.3	6.8	

Funds Analysis

FY2011 New Budget Authority consistent with the PRC baseline is \$132.7M. There were FY2010 activities at \$2.2M carried over to FY2011 funding for a total of \$134.9M.

Baseline Change Requests

None.

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.