



WVES LLC

Ms. Mary Jane Scouten
U.S. Department of Energy
West Valley Demonstration Project
West Valley, New York 14171-9799

WD:2010:0090
AC-PRES
March 4, 2010

Dear Ms. Scouten:

SUBJECT: WVDP Progress Report – January 2010

Enclosed is the final West Valley Demonstration Project Progress Report for January 2010. This report details activities and trends during the month.

Should you have any questions or require additional information concerning this report, please contact Mr. Joel Wagner at extension 4560.

Very truly yours,

WEST VALLEY ENVIRONMENTAL SERVICES LLC

Signature on File in Records

John G. McKibbin
President and Project Manager

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Progress Report January 2010 West Valley Demonstration Project



West Valley Environmental Services LLC

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WVES President's Assessment

January FY2010 Key Accomplishments:

Safety: The site-wide emphasis on safety at the West Valley Demonstration Project (WVDP) is exemplified by its continued standing as the safest site in the Department of Energy Environmental Management (DOE-EM) complex in terms of Total Recordable Case Rate (TRC) and Days Away, Restricted/Transferred (DART), both of which are 0.0. These outstanding statistics, combined with 2,256,842 million consecutive workforce hours without a lost time injury or illness, and more than one full calendar year without an OSHA recordable injury, demonstrate employees' willingness to take responsibility for their own and each others' safety.

In November 2009, a four-member DOE team conducted a two-week review of WVES' application for inclusion in the DOE Voluntary Protection Program. Based on that review, WVES was awarded Star certification on January 27, 2010. When making the award, DOE commended WVES for its "demonstrable pursuit of excellence in safety and health and for sustaining recognition at the Star level in the DOE Voluntary Protection Level."

Waste Management: WVES personnel continue to make improvements to overcome equipment and productivity challenges with waste processing. One option being evaluated as a means to minimize TRU waste processing is associated with eliminating or minimizing the amount of waste that needs to be repackaged in accordance with WIPP packaging criteria for Contact Handled (CH) and Remote Handled (RH) Transuranic waste. In January, WVES met with representatives from WIPP to discuss the potential for satisfying WIPP acceptance criteria without needing to repackage TRU waste boxes. The group discussed locations at the WVDP for utilizing Real Time Radiography (RTR) equipment as an alternative to repackaging the waste, as well as CH and RH cask loading locations. The Fuel Receiving and Storage Area, the Lag Storage Areas and the Vitrification Test Facility were discussed as areas of interest for either RTR, cask loading or both. WIPP requested and was provided additional waste volume information and WVES requested a contact or path forward for completing the radiological portion of the TRU Waste Baseline Inventory Report. If this approach is determined to be a feasible means to minimize TRU waste packaging costs and improve schedule efficiency, DOE-WVDP concurrence with the approach will be sought. WVES is also evaluating use of a multi-head shear to improve processing efficiencies by pursuing beta testing to assess the effectiveness of this technology. Additionally, WVES has been assisting with DOE-Headquarters review and final concurrence with the WVDP Waste Defense Determination by responding to requests for additional information and responding to questions as they arise. Final approval of this document will be instrumental to allowing the WVDP to begin shipping waste to WIPP.

WVES realized more down-time in the Remote Handled Waste Facility during January due to a deliberate decision to spend time cleaning the cell to allow for entry of other size reduction equipment, as well as maintenance of the transfer pallet pawl to improve future transfer efficiencies and mitigate down-time for transferring larger, heavier waste containers.

Main Plant Process Building Decontamination and Decommissioning: WVES is moving forward expeditiously on clean-up efforts in two significant cells in the Main Plant, including the Extraction Cell 1 (XC-1) and the Process Mechanical Cell (PMC). Extensive decontamination of the Extraction Cell Crane Room (XCR) was completed in January. Training of the operators on the use of the XC-1 remote arm and preparation for existing arm removal were also underway. In addition, WVES completed Nitrocision™ mock-ups to allow deployment in the PMC. Entries were made in the Liquid Waste Cell (LWC) and the Off-Gas Cell (OGC) for characterization surveys to clarify the path forward in these areas. This has been the first entry into the LWC since the 1970's.

Preparation for future demolition of the Main Plant Process Building, formerly used for commercial nuclear fuel reprocessing, is a primary focus of the work at the WVDP. The \$74M American Reinvestment and Recovery Act funding received at the WVDP in 2009 supports removal of hazardous materials and piping in preparation for eventual demolition of the Main Plant Process Building. During January, three "cold and dark" Recovery Act work teams were engaged in activities on virtually every floor of the five-story structure, isolating and removing utilities, removing asbestos-containing material from piping and equipment, and isolating and removing unnecessary controls and electrical panels.

Business Management: In December WVES resubmitted a \$47.7M Request for Equitable Adjustment (REA) to DOE associated with base contract impacts resulting from incorporation of new scope, reprioritization of project activities, reduced funding support, and realization of risks that affected the original planning basis supporting contract award.

After DOE rejection of this second submittal, WVES and DOE worked through January to define a path forward for modifying the contract value and fee to be consistent with current plans for completion in June, 2011 based on mutually agreeable work scope priorities and planned funding availability. WVES proposed, and DOE subsequently agreed, with pursuing a Modified Total Cost approach for negotiating a revised contract value. As a result, WVES will prepare a proposal that addresses accomplishments and progress achieved, as well as costs incurred, since contract award supplemented with a proposal for the work associated with contract completion by June 30, 2011. This comprehensive proposal that addresses total project costs will be the basis for facilitating contract negotiations with DOE.

January 2010 Performance Summary:

PBS	SPI	CPI	Analysis
OH-WV-0013	0.89	0.79	Productivity for RH-TRU waste processing significantly slower than planned due to assignment of resources to maintenance and cell clean-up for future improvements.
OH-WV-0020	0.98	0.95	S&S efforts performing consistent with plan.
OH-WV-0040	0.96	0.95	Main Plant Process Building D&D progressing according to plan.
Base Contract Total	0.95	0.91	
OH-WV-0013R1.1	0.75	0.59	Contact-Handled Waste Processing productivity slowed by high Pu-239 levels in slab tanks being processed.
OH-WV-0040R1.1	0.90	1.07	Schedule was based on 4 crews working on asbestos removal and utility isolations; only 3 are currently available.
OH-WV-0040R1.2	0.89	0.92	D&D of 01-14 Building on hold pending resolution of FY2010 funding considerations.
ARRA Contract Total	0.88	0.96	
Total Contract	0.94	0.91	

DOE Office of Management: Performance Legend

.9 – 1.15	.85 – 1.25	<.85 - >1.25
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Milestone Status:

No Contract Milestones were completed during the reporting period.

Risks/Opportunities:

Monthly risk meetings have been reinitiated both internally and with DOE to focus on risk mitigation strategies and the development of recovery strategies when warranted. The Risk Management meetings had previously been held with DOE on a quarterly basis. The monthly meetings will focus on key risks and the current status of mitigation strategies, as well as identify and communicate additional risks when realized. The monthly risk meeting with the DOE counterparts will also focus on the internally-developed mitigation strategies in lieu of the previous “status” oriented discussions.

WVES has been working to identify work scope that can be accomplished in FY2010 and FY2011 within the expected funding levels. WVES presented to DOE in early January a recommended plan to achieve completion of high risk work by the end of FY2011, consistent with planning assumptions and priorities that have been discussed with DOE during development of the plan. One major goal of this effort has been to identify methods to recover from cost and schedule overruns experienced to date associated with RH waste processing in order to assure that these efforts can be completed by the end of the contract period. As such, in addition to completing main plant process building D&D by June 30, 2011, opportunities for improving Remote Handled (RH) waste size-reduction productivity, as well as opportunities to minimize the vessels and equipment needing RH size-reduction have been identified and incorporated into the plan as key factors for success.

WVDP Monthly Safety Performance – January 2010

As of Friday, January 29, 2009, WVDP personnel have worked 2,256,842 safe work hours since the last lost time injury.

On January 13, a DDWO operator received a bruise on the right forearm while performing D&D Operations in the Main Plant. An ice pack was applied to the forearm, and the injury was classified as a first aid.

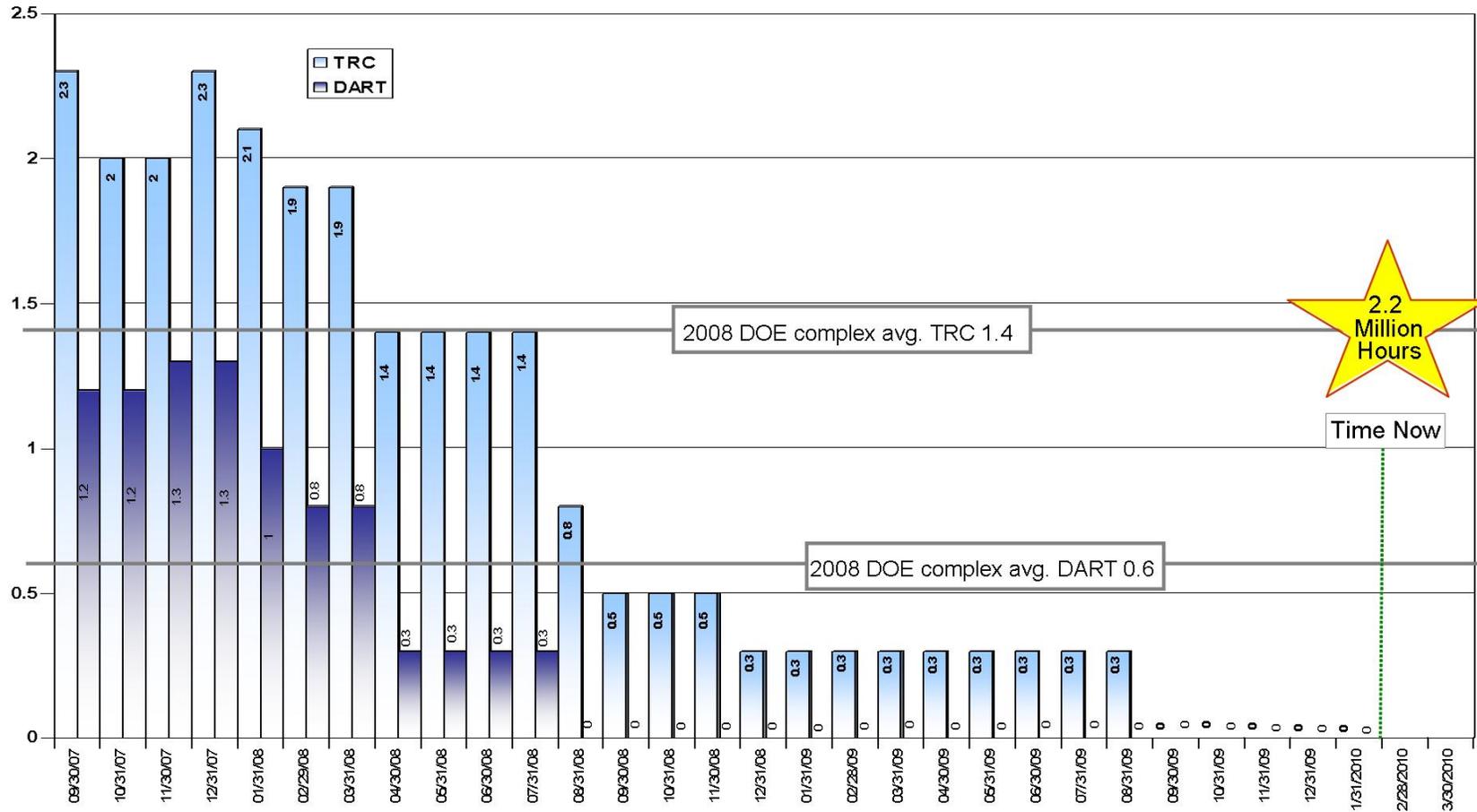
The twelve-month rolling average WVDP Total Recordable Case Rate (TRC) and the WVDP Days Away, Restricted/Transferred (DART) rate both remain at 0.0. The WVDP continues to rank as the safest site in the DOE complex.

As of February 1, 2010, WVES and subcontractors have worked 144,168 hours on American Recovery and Reinvestment Act (ARRA) related activities with no first aid or recordable injuries.

Monthly Safety Performance

January 2010

WVDP Site Safety Performance Based on 12-Month Rolling Average



Current Status: Total Recordable Case (TRC) Rate: 0.0

Current Status: Days Away, Restricted, Transferred (DART) Rate: 0.0

Monthly Performance Analysis Summary:

At the overall project level, the cumulative schedule variance (SV) is a negative \$10,474K (6.0% behind schedule) and the cumulative cost variance (CV) is a negative \$15,946K, or over budget by 9.8%. The project schedule performance index (SPI) is 0.94 and the cost performance index (CPI) is 0.91.

At the base contract level, the project has a cumulative schedule variance (SV) of negative \$8,407K and a cumulative negative cost variance (CV) of \$15,210K, or 10.4% over budgeted cost. The cumulative base contract schedule performance index (SPI) was 0.95 in January and the cost performance index (CPI) was 0.91. The January SV was a net negative \$1,467K and the CV for the month was a negative \$235K.

The cumulative January FY2010 American Recovery and Reinvestment Act (ARRA) performance was a negative cumulative SV of \$2,068K and a cumulative CV of negative \$736K. The cumulative ARRA contract schedule performance index (SPI) was 0.88 and the cost performance index (CPI) was 0.96.

Base Contract Analysis

For WVES base contract activities, the January SV of negative \$1,467K is primarily attributed to waste processing in the RHWF which was impacted by delays in completing the packaging of the J-2 liner. Additionally, unplanned maintenance activities were performed on the transfer pallet pawls and powered manipulators which failed during a planned maintenance outage, resulting in a \$303K negative SV. There was a negative \$256K SV related to delayed processing of the slab tanks from the Product Purification Cell-South (PPC-S) due to experiencing a high level of alpha contamination that required the work to be performed in "bubble suits". The delay was caused by the need to perform additional training for workers unfamiliar with bubble suits and the need to modify processing procedures for this waste stream. Also, \$333K of planned waste shipments were not performed as offsite shipments were deferred pending resolution of other contract and funding related issues. The Main Plant Process Building had a negative SV of \$668K which primarily relates to work being re-sequenced at a later time to coincide with related ARRA work.

For activities currently in progress in the Main Plant Process Building, the Project's critical path schedule indicates -20 days of total float for the current Extraction Cell-1 (XC-1) arm and related deployment systems removal, and subsequent activities to install the new arm and remove the components for processing in the Vitrification Facility. Delivery of the deployment system is scheduled for March instead of January 2010 as originally planned, delaying XC-1 decontamination activities. As a result, decontamination and dismantlement (D&D) of the Vitrification Facility is also on the critical path with -20 days of total schedule float. Efforts are underway to accelerate removal of the old XC-1 arm and to train operators on the use of the new arm at the vendor shop. These actions should prevent further schedule slippage and could result in recovery of some lost schedule time.

Critical manpower requirements continue to be assessed for potential schedule impacts and are actively being managed through daily work control production meetings.

The allocation of maintenance personnel and radiation safety technician resources across the daily activities continues to receive management attention and close coordination.

Project Baseline Summary (PBS) OH-WV-0013, Solid Waste Stabilization, and Disposition:

Waste Management Activities

In the Waste Processing project, WVES has processed 35,897 ft³ (44.5%) of the transuranic (TRU) waste in storage at the beginning of the contract, and 71,421 ft³ (82.5%) of the low level waste (LLW).

Waste Characterization

Over 800 containers of suspect-TRU or TRU waste have been identified for In Situ Object Container Scanning (ISOCS). As of January 2010, a total of 802 containers have been scanned, 755 reports have been completed, and 521 determined to be LLW, a success rate of almost 70%.

Waste Planning

Legacy Waste Processing:

Waste Projects continue to provide planning and field support for CH-TRU waste processing in the Waste Packaging Area (WPA), Container Sorting and Packaging Facility (CSPF) and RH-TRU waste processing in the RHWF, as well as for radiological surveying and sample collection activities for the contaminated Vitrification System components transferred from the Chemical Process Cell (CPC) storage area to the Vitrification Facility (VF) Cell. This support helps to achieve significant reductions in the TRU waste inventory volume.

The work instruction TRU-2009-08 for processing legacy waste generated by decontamination activities in the Product Packaging and Handling Area (PPH) was developed, reviewed and the work was initiated. The WPA portion of the work is completed and remaining waste will be sized reduced in the CSRF, then brought back to the WPA for packaging.

The work instruction TRU-2009-10 for processing legacy waste generated by decontamination activities in the Product Purification Cell –South (PPC-S) was developed, reviewed and the work initiated.

Also, work instruction TRU-2010-01 for processing legacy waste generated by decontamination activities in the Lower Warm aisle (LWA) was developed, reviewed and is ready for the pre-job review with waste processing crews.

WIPP team at the WVDP:

WVES personnel met with representatives from WIPP to status progress achieved toward identifying locations at WVDP for Real Time Radiography (RTR) equipment and Contact Handled (CH) and Remote Handled (RH) cask loading locations. The Fuel Receiving and Storage Area, the Lag Storage Areas and the Vitrification Test Facility were discussed as areas of interest for either RTR, cask loading, or both. WIPP requested and was provided additional waste volume information, and WVES requested a contact or path forward for completing the radiological portion of the TRU Waste Baseline Inventory Report.

Decontamination and Decommissioning Support

Waste personnel continue to provide characterization and packaging guidance to decontamination and dismantlement (D&D) projects in support of upcoming Off-Gas Cell, Liquid Waste Cell, and Head End Cells decontamination efforts. Waste personnel are evaluating and analyzing various bulk packaging options for storage and or shipment of Radioactive Waste on-site, as well as potential options for more cost effective packaging.

Remote-Handled Waste Facility

A major process cell cleanup was conducted in January to support replacement of the waste pallet and carriage conveyor system. The cleanup and decontamination was necessary to allow entry of maintenance personnel to the work cell to perform necessary modifications to the existing carriage system. The clean-up and decontamination resulted in removal of two B-25 liners of LLW, and 6 drum liners of LLW and RH-TRU waste. Pallet replacement operations were initiated during the last week of January.

Waste Packaging Area (WPA)

Waste personnel completed processing seven (7) boxes of TRU waste that originated in Plutonium Product Handling Area (PPH) and Product Purification Cell South (PPC-S) to the DOE TRU waste packaging instructions.

Container Sorting and Packaging Facility (CSPF)

No processing was completed in the CSPF during the month of January.

Contact Size Reduction Facility (CSRF)

WVES initiated and completed clean-out of the processing area in preparation for facility upgrades, as well as initiated ventilation system upgrades.

Fuel Receiving and Storage area (FRS)

Waste Container TC-468 was placed in the FRS at the end of November. Grout was added to the box in December. Due to weather conditions, the grout lines froze and the remainder of the job was placed on hold until weather conditions improve to constant ambient temperatures above 45°F.

Vitrification Facility

Processing of the Vitrification Facility vessels continued during January. To date, the two High Efficiency Mist Eliminator (HEME) vessels have been size reduced and packaged for on-site storage as low-level waste. The filter assemblies from the two HEME's were size reduced and packaged in 12-30 gallon drums. The filter media and steel mesh components of the filters are RH-TRU waste. The dose rates of the containers exceed the capacity of the in-cell probe which is calibrated to 200 R/hr. A higher capacity shielded probe is being installed to obtain accurate survey data.

Performance:

In PBS OH-WV-0013, the cumulative negative \$4,352K SV is primarily associated with a negative \$5,618K SV associated with RHWF operations. A negative \$303K SV was realized in January due to the maintenance outage to replace transfer pallet pawls which had been causing problems moving waste containers in cell. A decision was made to perform a thorough clean-up in cell which caused an eleven day delay of schedule. The powered manipulator wrists had to be replaced twice during this effort. The cell cleanup and the manipulator repairs were unplanned activities but will enable more effective future waste processing activities.

Additionally, there was a negative \$256K SV related to waste processing which was less than planned due to the need to use "bubble suits". Although processing CH-TRU in bubble suits was the basis of the planned budget, in an effort to save costs and improve efficiencies, WVES benchmarked processing techniques used at NTS to minimize the extent to which use of bubble suits would be needed to support processing operations by using air purifying respirators. Once processing of the PPC-S waste container began, a high alpha waste stream, issues started occurring with the Derived Air Concentration (DAC) levels in the WPA, leading to lost processing time as work was stopped when the DAC levels met the upper allowable limit. The solution to continue processing this waste stream was to begin use of bubble suits, generating a need to change procedures and train operators on their proper use. The down time experienced for the Derived Air Concentrations (DACs), procedure updates and bubble suit training caused a schedule variance, however the procedures and training needed for continued utilization of bubble suits are now in place and can be readily implemented as needed for processing of future waste streams.

Also, \$333K of waste shipments was deferred pending resolution of contract issues. These current period delays increase the cumulative waste processing delays that resulted from several previously experienced equipment failures (i.e. two manipulators failed at the work station and needed to be repaired, and waste container conveyors at the VF needed replacement). Other SV factors include processing delays caused by challenging waste streams which took longer to process than planned, such as processing of the waste container #J2 steel liner which was scheduled to take one month but took more than five months to complete due to unexpected TRU contamination levels. Other challenging waste streams include Category 2 waste which was previously packaged TRU waste with high alpha contamination that caused airborne contamination in the Waste Packaging Area (WPA) during the early stages of waste processing which caused downtime to support implementation of unbudgeted facility modifications to control airflow. Installation of glove-boxes to process this type of waste controls the airborne issue, but reduces productivity. Furthermore, an incident in 2008 involving a dropped waste box caused an operational stand-down for investigation, corrective action analysis, and action plan implementation which has also contributed to the overall negative schedule variance.

This significant SV is partially offset by the offsite rail spur repair and upgrade that accounts for \$1,704K of favorable SV since the work was completed ahead of the baseline plan.

PBS OH-WV-0013 Project Status is 'Red' for Cost Performance

Explanation of Variance:

Through January FY2010, PBS OH-WV-0013 had a cumulative CPI of 0.79. The net cumulative negative \$9,425K CV is primarily due to the \$9,390K overrun associated with legacy waste activities which have utilized more resources than originally planned. Additional costs have been incurred due to processing of challenging contaminated waste streams for offsite disposal; equipment failures that caused unplanned repairs and downtime; and suspension of waste processing activities during an investigation into the dropped box event during February 2008.

The current month SV was negative \$997K and the CV was net negative \$362K. In January, waste processing in the RHWF was impacted by maintenance which was performed on the transfer pallet pawls as well as powered manipulators which failed during the maintenance outage, generating a \$303K negative SV. There was also a negative \$256K SV related to processing a challenging waste stream from the Product Purification Cell-South (PPC-S), which had a high level of alpha contamination, requiring work to be performed in "bubble suits". The delay was caused by the need to perform additional training for workers unfamiliar with "bubble suits" and the need to modify processing procedures for this waste stream. Also, \$333K of planned waste shipments were not performed as offsite shipments were deferred pending resolution of contract and funding related issues.

The contract period Estimate-at-Completion (EAC) for the Legacy Waste Processing and Repackaging is projected to be \$26,443K over budget. The EAC is based on actual performance to date and assumed productivity rate increases resulting from improved size-reduction technologies planned for implementation during the first half of FY2010. In addition to the revised productivity rates, the EAC also reflects the need for additional equipment repairs and replacements since equipment failures have been more frequent than expected, as well as additional waste boxes and container shielding.

Corrective Action Planned/Taken:

WVES has identified equipment purchases needed to improve throughput of size-reduction activities at the RHWF and the Vitrification Facility. A schedule has been developed that incorporates these improvements and eliminates drum repackaging to achieve RH size-reduction completion during the contract period.

Progress Toward and Estimated Completion of Recovery:

WVES has evaluated the impacts of the overrun and will be addressing proposed baseline and contract modifications through established change control processes. WVES has developed a schedule which completes the RH waste size-reduction work but defers some other baseline scope beyond WVES' contract period due to overall funding constraints associated with completing all contracted scope by June 30, 2011.

Project Baseline Summary OH-WV-0040 Nuclear Facility Decontamination and

Dismantlement:

Main Plant Process Building (MPPB)

A number of areas of the Main Plant Process Building (MPPB) are active work zones as efforts proceed to prepare the Main Plant for demolition.

Extraction Cells

For the Extraction Cell Crane Room (XCR) containment cleanup, D&D workers made two entries into the XCR to remove the lead blankets, the smoke eater equipment, and waste that was staged in the XCR. Decontamination workers size reduced aluminum I-beams, placed the pieces in a waste box, and continued cleanup. WVES personnel located and mocked up the scaffolding needed for modifications to the XCR roof hatches. Workers relocated scaffolding to the XCR and reassembled it below the XC1 hatch in preparation of future activities there. Decontamination personnel walked down work instruction documents for XC1 hatch cover removal and mockup for core boring from Extraction Cell 2 to Extraction Cell 1. They also fabricated herculite covers for the XC1 hatch cover removals, painted walls, floor, and ceiling of the HAC; lowered and relocated the Portable Ventilation Unit (PVU).

Head End Cells

WVES decontamination and dismantlement personnel continued mock-up work on the Maintenance Table at the Drum Cell and work on testing a new style camera and mount system. The Maintenance Table was moved to the Utility Room so Maintenance could work on modifications. WVES personnel dismantled the vacuum system at the Drum Cell to assess methods on how to deploy the system in-cell. Workers tested a roller system for use in getting the vacuum system motor into the MRR for deployment into Process Mechanical Cell (PMC) and removed the remote manipulator in the WMOA, PMC Window A, and decontaminated the port before installing the new manipulator over Window A. Operations personnel continued work on developing the Nitrocision™ tooling procedure with the cognizant engineer.

Off-Gas Aisle and Off-Gas Cell

WVES Personnel walked down Work Instruction Plan (WIP) 158890, Off-Gas Aisle (OGA) Mechanical Isolations, and began gathering and assessing supplies and tooling needed for the task. The crew met with the cognizant engineer and reviewed DVDs that were taken of the cell in previous weeks and supported the engineer by obtaining needed measurements in the OGA. Field workers met with the cognizant engineer on OGA WIPs, to refine WIP development and determine supply allocations.

Asbestos Removal

WVES asbestos removal workers made entries into the Chemical Operating Aisle (COA) to finish the abatement activities, perform final cleaning, and visual inspections. The cleanup passed visual inspection and work done was excellent. Workers removed ACM from piping in the COA in support of Liquid Waste Cell decontamination efforts.

WVES conducted a pre-job briefing for future cleanup activities in the General Operating Aisle (GOA) and staged equipment and supplies. Also, during an entry to begin pre-cleaning, a worker identified a large area in the overheads that needed full cleanup. WVES conducted a 6-hour entry glove bagging cut points and removing five out of six verticals that needed to be removed using the wrap and cut method. They also performed final cleaning and visual inspection of the GOA.

WVES workers made one entry into the Cell Access Aisle (CAA) to finish cleanup and perform a visual inspection. The CAA passed inspection and ran clearance air samples.

Asbestos workers made an entry into the FRS to cleanup and repair damaged ACM in the north aisleway. The work was completed and a visual inspection made.

New Office Space

The Ground Level Office (GLO) unit placements and electrical work is continuing on the remaining units. A total of 52 GLOs have been delivered to date, with 30 units, including two locker trailers, occupied by WVES personnel, and another 12 units ready for use.

HLW Canister Storage Facility Design

WVES submitted a formal proposal to DOE on January 7, 2010 to definitize High Level Waste Storage scope. Progress on original authorized un-priced work scope has been suspended pending a DOE decision on the proposed contract modifications.

Site Operations

Site personnel completed vendor preventive maintenance on all backup diesel generators following an extended use period associated with a previous loss of main power at the site. WVES also completed modifications to the cooling tower water system that isolated the entire Main Plant Process Building (MPPB).

Waste Tank Farm (WTF) Isolation, Liquid Removal, and Water Mitigation

WVES and DOE have tentatively agreed that additional samples from Tanks 8D-1, 2 and 3 are not required to perform the required characterization. This will be discussed further with New York State Energy Research and Development Authority (NYSERDA), United States Environmental Protection Agency (USEPA) and New York State Department of Environmental Conservation (NYSDEC). Liquid samples from Tank 8D-4 were obtained in January and initial analyses were performed on-site. The measured Cs-137 activity in the liquid is only 600 to 900 curies instead of the 14,000 anticipated from characterization data. The alpha activity in the liquid is less than 0.3 curies. Based on these low values, alternative dispositions for the liquid are being evaluated.

Engineering for removal and packaging of the Tank 8D-3 and 8D-4 transfer pumps and the steam jet located in the riser of Tank 8D-4 continues, but at a lower pace, allowing labor resources to focus on sampling the Tank 8D-4 liquid. The report for the laboratory column test of 8D-4 liquid decontamination levels, utilizing the projected length to diameter ratios of the zeolite beds and surrogate liquid, was submitted and is being reviewed by WVES. The final design of the demineralizers and the associated shielding vessels for 8D-4 liquid decontamination was completed and is being reviewed.

The weather shelter that will enclose the area over Tanks 8D-3 and 8D-4 has been completed with preparations underway to gain access into the Tank 8D-4 pump pit. Equipment was received to begin the installation of chemical grout in the pea gravel and soil around the M-8 pump pit to reduce water infiltration into the 8D-2 vault at this location.

North Plateau Mitigation

The final design of the North Plateau Permeable Treatment Wall (PTW) is progressing with the final design review targeted for early March 2010. Draft components of the final design will be provided to the DOE and WVES design teams during February for review and comment to facilitate an efficient final design review in March.

Performance

In PBS OH-WV-0040, the January FY2010 SV was negative \$544K and the CV was positive \$146K. The current variance is driven by the Main Plant Process Building with a negative SV of \$668K which is due to \$436K of budgeted work planned in January for LWC and OGC being deferred to coincide with ARRA work to improve efficiencies.

Of the remaining negative schedule variance for the Main Plant, \$182K relates less progress than planned being achieved in the Head End Cells due to utilizing a crew that was half the size of that planned in the baseline. There was also a delay in the delivery of the spare tooling which contributed to the overall negative schedule variance.

PBS OH-WV-0040 has a cumulative negative \$3,953 SV. Part of the cumulative SV is \$546K is associated with non-critical regulatory activities such as a pending request for approval of a three month extension to the Draft RCRA Part B Permit from the July, 2010 due date. WVES has deferred the start of the RCRA Part B permit effort generating a negative \$272K SV. WVES has also delayed the start of scheduled Ambient Air Monitoring data collection required for baseline data prior to initiation of MPPB demolition activities, contributing \$375K to the cumulative SV. These activities have been deferred to allow resources to be utilized on other project activities. Main Plant Process Building decontamination activities are \$1,860K behind schedule as Extraction Cell, Liquid Waste Cells, Laboratory Hot Cells, and the Fuel Receiving and Storage area decontamination activities have taken longer than estimated due to experiencing higher radiological levels than expected, scaffolding issues and productivity challenges. Waste Tank Farm (WTF) isolation activities are \$953K behind schedule due to a delay caused by a change in strategy for the design efforts which were planned to be performed by a company partner but will not be a subcontracted scope of work. There is also seven month delay in obtaining regulator approval on the SAP and DQO plans which have impacted tank sampling activities. Also, the erection of the weather shelter over tanks 8D-3 and 8D-4, as well as preparations for pump removal from the tanks 8D-3 & 8D-4 have taken longer than estimated.

PBS OH-WV-0040 has a cumulative negative \$5,542 CV. Elements of the cumulative CV include the decontamination activities in the MPPB that are greater than the budgeted cost by \$1,572K primarily due to discovery of high contamination levels in the Head End Cells (HEC) causing increased labor expenses as productivity was impacted by the need to utilize more restrictive radiological controls. Also in the HEC, costs for maintenance and repair of the manipulators and crane were more than budgeted. The Extraction Cell decontamination activities have a cumulative negative CV which is primarily due to higher than expected contamination levels in XC-3, especially in the evaporator vessels.

The related overrun in labor is due to Product Purification Cell – North (PPC-N) scaffold inspection activities which were required to access valves to perform a series of acid soaks and flushing on the XC-3 evaporator in an effort to lower dose levels. The flushes successfully reduced the general area dose rate in XC-3 by a factor of 15.2 which was a significant As Low As Reasonably Achievable (ALARA) accomplishment, enabling manned entries. Unplanned overtime expended to recover the related schedule delay also contributed to the cumulative CV.

Balance of Site Facilities disposition activities are over budget by \$214K. As other planned footprint reduction activities were delayed, preparations for the demolition of the Counting Room were pursued as an alternate activity to engage available resources. These preparations included the unplanned relocation of the Counting Room. As part of the strategy to keep workers engaged in footprint reduction efforts and to allow for continued Counting Room services, WVES accepted the related relocation costs as a cost variance.

Additionally, NDA groundwater barrier and interim cap activities were \$2,162K over budget primarily due to extra efforts expended to recover from severe weather related delays in the summer of 2008, as well as costs related to unplanned contaminated groundwater containment efforts.

The control account for Site Operations and Maintenance has a cumulative negative \$1,469 CV. The Site Operations and Maintenance account has an unfavorable \$269K CV attributed to an unplanned, but necessary replacement, of a failed air compressor, and \$1,182K in cost overruns associated with installation of the GLO units since the grounding grid, galvanized electrical conduits, and other modifications for personnel comfort were greater than planned.

January 2010 Project Activities



First manned entry into the Liquid Waste Cell since 1976 to plan decon of 9 tanks in preparation for pipe removal.



Installed adaptor for the Tank & Vault Drying System vent lines.



Completed mock-up of cutting an 8-inch ventilation line in a glove bag to prepare for the removal of highly contaminated ventilation piping from the Tank Farm.



Removal of instrumentation and control panels in the Main Plant Process Building for size reduction and disposal.

TOTAL PROJECT EARNED VALUE and FUNDING STATUS REPORTS

TOTAL PROJECT EARNED VALUE REPORT PBS/WBS COST ACCOUNT LEVELS	FY 07-10 Cumulative BAC	CURRENT PERIOD					CONTRACT CUMULATIVE						
		BCWS Sched	BCWP Complete	ACWP Spent	SV Sched Variance	CV Cost Variance	BCWS Sched	BCWP Complete	ACWP Spent	SV Sched Variance	CV Cost Variance	SPI	CPI
		Base Contract Total	129,141	4,298	2,831	3,066	(1,467)	(235)	155,070	146,663	161,873	(8,407)	(15,210)
PBS OH-WV-0013-Solid Waste Stabilization & Disposition	34,295	1,334	337	699	(997)	(362)	40,385	36,033	45,458	(4,352)	(9,425)	0.89	0.79
102100 Legacy Waste Processing & Repackaging	22,872	882	219	880	(664)	(662)	25,944	20,326	29,716	(5,618)	(9,390)	0.78	0.68
102200 Legacy Waste Disposition	9,261	452	119	(182)	(333)	300	12,279	13,545	13,893	1,266	(348)	1.10	0.97
102400 Drum Cell Disposition	2,162	-	-	-	-	-	2,162	2,162	1,849	-	313	1.00	1.17
PBS OH-WV-0020 - Safeguards & Security	4,144	136	210	229	73	(20)	4,757	4,656	4,898	(101)	(243)	0.98	0.95
109100 Safeguards & Security	4,144	136	210	229	73	(20)	4,757	4,656	4,898	(101)	(243)	0.98	0.95
PBS OH-WV-0040 - Nuclear Facility D&D	90,702	2,827	2,284	2,138	(544)	146	109,927	105,974	111,517	(3,953)	(5,542)	0.96	0.95
101110 Site Operations & Maintenance	26,460	746	768	793	22	(25)	30,394	30,196	31,665	(198)	(1,469)	0.99	0.95
101120 Infrastructure Projects	4,203	-	-	3	-	(3)	4,203	4,203	6,366	-	(2,162)	1.00	0.66
102300 Newly Generated Rad Waste Disposition	92	-	-	0	-	(0)	92	655	509	563	146	-	1.29
103100 Main Plant Process Building	27,596	1,437	769	751	(668)	17	36,936	35,076	36,648	(1,860)	(1,572)	0.95	0.96
103200 Balance of Site Facilities Disposition	4,103	28	27	9	(1)	18	4,259	3,996	4,211	(262)	(214)	0.94	0.95
103300 RHWf & Vitrification Facility Decontamination	-	78	-	1	(78)	(1)	430	-	4	(430)	(4)	-	-
103400 Waste Tank Farm Isolation	2,457	55	192	195	137	(3)	3,802	2,849	3,149	(953)	(301)	-	0.90
104100 Regulatory Affairs	12,236	466	381	287	(85)	94	14,411	13,865	13,873	(546)	(8)	0.96	1.00
105100 DOE Infrastructure Support	469	18	18	33	(0)	(15)	957	955	1,063	(2)	(108)	1.00	0.90
105200 EEO/CPA (Non D&D Scope)	0	-	-	1	-	(1)	-	-	37	-	(37)	-	-
105500 Canister Storage System Design	343	-	130	65	130	65	935	671	530	(264)	141	0.72	1.27
107100 Pension	12,742	-	-	-	-	-	13,507	13,507	13,463	-	44	1.00	1.00
PBS OH-WV-1000 - American Recovery and Reinvestment Act	6,718	3,014	2,632	2,791	(381)	(159)	17,803	15,735	16,471	(2,068)	(736)	0.88	0.96
111000 ARRA Project Support	2,114	50	49	4	(1)	44	2,357	2,405	2,653	48	(249)	1.02	0.91
112100 ARRA Legacy Waste Process and Repackage	306	357	190	385	(167)	(195)	1,487	1,115	1,877	(372)	(761)	0.75	0.59
112300 ARRA Newly Generated Rad Waste Disposition	86	182	30	22	(152)	8	766	214	226	(552)	(12)	0.28	0.95
113100 AARA Main Plant Process Building Decontamination	2,213	1,895	2,061	1,926	167	135	9,411	8,763	8,109	(648)	(654)	0.93	1.08
113110 ARRA MPPB Liquid Waste Solidification System	498	196	49	136	(147)	(87)	1,115	811	665	(304)	147	0.73	1.22
113300 ARRA Accelerated D&D of Vitrification Facility	238	-	-	(8)	-	8	85	85	77	-	8	1.00	1.10
113400 ARRA Tank and Vault Drying System	925	117	201	222	84	(20)	1,598	1,713	2,101	115	(388)	1.07	0.82
114300 ARRA North Plateau Plume Treatment Wall	103	66	24	42	(42)	(18)	387	352	315	(35)	37	0.91	1.12
116300 ARRA 01-14 Facility Removal	129	151	28	61	(123)	(34)	562	241	408	(321)	(167)	0.43	0.59
116620 ARRA Balance of Site Facility Foundation Removal	83	-	-	-	-	-	34	34	38	-	(5)	1.00	0.88
116800 ARRA Isolate Lagoons	23	-	-	-	-	-	2	2	2	0	0	-	1.00
Performance Measurement Baseline: Base Contract & ARRA	135,859	7,311	5,463	5,857	(1,848)	(394)	172,873	162,398	178,344	(10,474)	(15,946)	0.94	0.91
Undistributed Budget	0	-	-	-	-	-	-	-	-	-	-	-	-
WVES Management Reserve (3)	1,943	-	-	-	-	-	-	-	-	-	-	-	-
WVES Contingency (3)	0	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL WVES	137,802	7,311	5,463	5,857	(1,848)	(394)	172,873	162,398	178,344	(10,474)	(15,946)		
Fee	10,026	323	293	293	(30)	-	9,507	9,311	9,311	(196)	-	-	-
G&A	366	13	-	-	(13)	-	366	332	332	(34)	-	-	-
Contract Transition	1,330	-	-	-	-	-	1,330	1,330	979	-	351	-	-
DOE Management Reserve	0	-	-	-	-	-	-	-	-	-	-	-	-
Non Project	0	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal	11,722	336	293	293	(43)	-	11,203	10,973	10,622	(230)	351	-	-
Total Budget Plan - WVES	149,524	7,647	5,756	6,150	(1,891)	(394)	184,075	173,371	188,966	(10,704)	(15,595)		

FUNDING STATUS - Department Of Energy

Project Baseline Summary - Description	Program/Project	FY2009 Uncosted Balance	FY2010 Obligated to Date	Total Contract Available	Fiscal Year Cost To Date	Current Uncosted Balance	Percent Costed
PBS OH-WV-0013 Solid Waste Stabilization & Disposition-West Valley	1111003 1078	788	11,312	12,100	7,142	4,958	59%
PBS OH-WV-0040 Nuclear Facility Decontamination & Decommissioning-West Valley	1111004 1080	860	21,416	22,276	12,438	9,838	56%
Subtotal Non Defense (Environmental Management) *Obligated to WVES*		1,648	32,728	34,376	19,580	14,796	
PBS OH-WV-0020 Safeguards & Security: Protective Forces	1111139 1079	64	600	664	293	371	44%
PBS OH-WV-0020 Safeguards & Security: Cyber Security	1111143 1079	921	250	1,171	223	948	19%
PBS OH-WV-0020 Safeguards & Security: Program Management	1111147 1079	0	250	250	131	119	52%
Subtotal Defense (Safeguards & Security) *Obligated to WVES*		985	1,100	2,085	648	1,438	
Other DOE Funding: EEO/CPA (C/A 105200)	3184701/702	8	-	8	2	6	24%
Other DOE Funding: WFO 4900125 (SPRU)	1721310	28	150	178	41	137	23%
Program Management - Department of Energy	1110462 & 459 463	384	96	480	437	43	91%
Other DOE Funding: ARRA 2002180 (American Recovery and Reinvestment Act)	1111360	66,622	-	66,622	10,075	56,546	15%
Overall Total Department Of Energy Funds *Obligated to WVES*		69,674	34,074	103,748	30,782	72,966	

Notes:

- 1 All entries in thousands of dollars - sum of the parts may vary from total due to rounding.
- 2 Total Budget Plan - WVES is based on Department Of Energy 90% and New York State 10% cost sharing agreement.
- 3 Management Reserve and Contingency deleted at DOE Direction, WVES MR Balance is returned Pension Budget per PMB#2010019

TOTAL PROJECT EARNED VALUE REPORT		Thru FY09	Thru FY09	Thru FY09	Oct	Nov	Dec	Jan	Feb	Mar	April	May	June	July	Aug	Sept	FY 2010	FY 2010	FY 2010	FY 2011	FY 2011	FY 2011	FY 2007-11	FY 2007-11	FY 2007-11		
		BAC	EAC	VAC													BAC	EAC	VAC	BAC	EAC	VAC	BAC	EAC	VAC		
Total WVES Contract	Planned Value	125,431	138,617	(13,186)	7,884	5,775	7,769	4,298	3,945	4,780	4,819	4,224	5,661	5,574	5,347	6,121	67,168	61,162	6,006	42,855	86,593	(43,738)	239,164	286,373	(47,209)		
	Earned Value				6,221	5,605	2,577	2,728																			
	Actual Cost		138,294		5,940	5,729	8,455	3,066																			
	SPI - Monthly				0.79	0.97	0.33	0.63																			
	CPI - Monthly				1.05	0.98	0.30	0.89																			
	Est To Complete		0		-	-	-	-		4,339	4,840	5,371	4,346	4,774	4,733	5,092	4,479										
	Bud At Complete		138,294		67,379	67,971	67,971	67,168	67,168	67,168	67,168	67,168	67,168	67,168	67,168	67,168	67,168										
Est at Complete				67,508	66,906	60,934	61,164	61,164	61,164	61,164	61,164	61,164	61,164	61,164	61,164	61,162											
PBS OH-WV-0013-Solid Waste Stabilization & Disposition PBS/WBS COST ACCOUNT LEVELS	Planned Value	34,294	38,531	(4,237)	1,659	1,131	1,967	1,334	1,239	1,465	1,436	1,188	1,853	1,704	1,863	1,157	17,996	22,808	(4,811)	11,819	38,205	(26,387)	64,109	99,543	(35,434)		
	Earned Value				1,660	709	181	487	-	-	-	-	-	-	-	-	-										
	Actual Cost		38,531		1,463	1,452	3,260	699																			
	SPI - Monthly				1.00	0.63	0.09	0.37																			
	CPI - Monthly				1.14	0.49	0.06	0.70																			
	Est To Complete		0		-	-	-	-	1,890	1,904	1,903	1,959	1,948	1,787	2,685	1,860											
	Bud At Complete		38,531		17,996	17,996	17,996	17,996	17,996	17,996	17,996	17,996	17,996	17,996	17,996	17,996											
Est at Complete				24,025	24,025	22,808	22,808	22,808	22,808	22,808	22,808	22,808	22,808	22,808	22,808												
102100 LEGACY WASTE PROCESS AND REPACKAGING	Planned Value	22,872	25,088	(2,216)	1,158	522	509	882	710	834	682	633	805	672	442	366	8,215	18,081	(9,866)	3,385	17,746	(14,361)	34,472	60,915	(26,443)		
	Earned Value				515	232	7	371																			
	Actual Cost		25,088		1,190	1,149	1,352	880																			
	SPI - Monthly				0.44	0.44	0.01	0.42																			
	CPI - Monthly				0.43	0.20	0.01	0.42																			
	Est To Complete		0		-	-	-	-	1,640	1,634	1,616	1,455	1,585	1,543	2,428	1,608											
	Bud At Complete		25,088		8,215	8,215	8,215	8,215	8,215	8,215	8,215	8,215	8,215	8,215	8,215	8,215											
Est at Complete				19,027	19,027	18,081	18,081	18,081	18,081	18,081	18,081	18,081	18,081	18,081	18,081												
102200 LEGACY WASTE DISPOSITION	Planned Value	9,261	11,594	(2,334)	501	609	1,457	452	529	631	755	555	1,047	1,032	1,421	791	9,781	4,727	5,054	8,434	20,459	(12,025)	27,475	36,780	(9,305)		
	Earned Value				1,145	471	2,272	174	116																		
	Actual Cost		11,594		272	303	1,908	(182)																			
	SPI - Monthly				2.29	0.78	0.12	0.26																			
	CPI - Monthly				4.20	1.58	0.09	(0.64)																			
	Est To Complete		0		-	-	-	-	249	269	288	503	363	244	257	252											
	Bud At Complete		11,594		9,781	9,781	9,781	9,781	9,781	9,781	9,781	9,781	9,781	9,781	9,781	9,781											
Est at Complete				4,998	4,998	4,727	4,727	4,727	4,727	4,727	4,727	4,727	4,727	4,727	4,727												
102400 DRUM CELL DISPOSITION	Planned Value	2,162	1,848	296																			2,162	1,848	313		
	Earned Value																										
	Actual Cost		1,866																								
	SPI - Monthly																										
	CPI - Monthly																										
	Est To Complete		0																								
	Bud At Complete		1,866																								
Est at Complete																											
PBS OH-WV-0020 - Safeguards & Security 109100 SAGEGUARDS AND SECURITY PBS/WBS COST ACCOUNT LEVEL	Planned Value	4,144	4,168	(24)	158	148	171	136	136	171	136	136	168	95	95	114	1,664	1,653	10	1,522	1,511	11	7,329	7,332	(3)		
	Earned Value				188	125	124	203																			
	Actual Cost		4,168		187	110	205	229																			
	SPI - Monthly				1.18	0.84	0.73	1.49																			
	CPI - Monthly				1.00	1.13	0.60	0.88																			
	Est To Complete		0		-	-	-	-	127	121	141	132	126	98	103	74											
	Bud At Complete		4,168		1,664	1,664	1,664	1,664	1,664	1,664	1,664	1,664	1,664	1,664	1,664	1,664											
Est at Complete				2,330	2,266	1,653	1,653	1,653	1,653	1,653	1,653	1,653	1,653	1,653	1,653												
PBS OH-WV-0040 - Nuclear Facility D&D PBS/WBS COST ACCOUNT LEVELS	Planned Value	86,993	95,919	(8,926)	6,067	4,496	5,632	2,827	2,570	3,145	3,246	2,900	3,640	3,776	3,389	4,850	47,509	36,702	10,807	29,514	46,877	(17,362)	167,725	179,497	(11,772)		
	Earned Value				4,373	4,771	2,272	2,038																			
	Actual Cost		95,594		4,291	4,167	4,990	2,138																			
	SPI - Monthly				0.72	1.06	0.40	0.72																			
	CPI - Monthly				1.02	1.15	0.46	0.95																			
	Est To Complete		0		-	-	-	-	2,322	2,815	3,326	2,255	2,699	2,848	2,304	2,546											
	Bud At Complete		95,594		47,719	48,311	48,311	47,509	47,509	47,509	47,509	47,509	47,509	47,509	47,509	47,509											
Est at Complete				41,152	40,615	36,473	36,703	36,703	36,703	36,703	36,703	36,703	36,703	36,703	36,703												
101110 SITE OPERATIONS AND MAINTENANCE	Planned Value	26,460	26,145	315	1,158	847	1,183	746	740	925	740	708	885	709	708	859	10,208	10,398	(190)	8,066	9,081	(1,015)	44,734	45,625	(891)		
	Earned Value				1,348	808	721	748																			
	Actual Cost		26,145		1,328	1,407	1,991	793																			
	SPI - Monthly				1.16	0.95	0.61	1.00																			
	CPI - Monthly				1.02	0.57	0.36	0.94																			
	Est To Complete		0		-	-	-	-	593	660	660	548	623	586	623	586											

COST PERFORMANCE REPORT - FORMAT 1
BASE CONTRACT

FULL-TIME...

PAGE 1

1. CONTRACTOR		2. CONTRACT		3. PROGRAM		4. REPORT PERIOD	
a. NAME West Valley Environmental		a. NAME West Valley Demonstration		a. NAME		a. FROM (YYYY/MM/DD) 2010/01/02	
b. LOCATION (Address and ZIP Code) 10282 Rock Springs Road West Valley, NY 14171		b. NUMBER DE-AC30-07CC30000				b. TO (YYYY/MM/DD) 2010/01/29	
		c. TYPE	d. SHARE RATIO	b. PHASE (X one) <input type="checkbox"/> RDT&E <input type="checkbox"/> PRODUCTION			

5. CONTRACT DATA							
a. QUANTITY 0	b. NEGOTIATED COST 178,392	c. EST. COST OF AUTH. UNPRICED WORK 0	d. FEE % / TARGET PROFIT 12,756	e. TARGET PRICE 191,149	f. ESTIMATED PRICE 0	g. CONTRACT CEILING 0	h. ESTIMATED CONTRACT CEILING 0

6. ESTIMATED COST AT COMPLETION				7. AUTHORIZED CONTRACTOR REPRESENTATIVE			
	MANAGEMENT ESTIMATE AT COMPLETION (1)	CONTRACT BUDGET BASE (2)	VARIANCE (3)	a. NAME (Last, First, Middle Initial) David C. Wigton		b. TITLE Project Integration Manag	
a. BEST CASE	286,373			c. SIGNATURE 		d. DATE SIGNED (YYYY/MM/DD) 2010/02/18	
b. WORST CASE	286,373						
c. MOST LIKELY	286,373	178,392	-107,980				

8. PERFORMANCE DATA														
WVDP CONTROL...	DESCRIPTION (1)	CURRENT PERIOD					CUMULATIVE TO DATE					AT COMPLETION		
		BUDGETED COST		ACTUAL COST WORK PERFORMED (4)	VARIANCE		BUDGETED COST		ACTUAL COST WORK PERFORMED (9)	VARIANCE		BUDGETED (12)	ESTIMATED (13)	VARIANCE (14)
		WORK SCHEDULED (2)	WORK PERFORMED (3)		SCHEDULED (5)	COST (6)	WORK SCHEDULED (7)	WORK PERFORMED (8)		SCHEDULED (10)	COST (11)			
101110	101110 SITE OPERATIONS	745	768	793	22	-25	30,394	30,196	31,664	-198	-1,468	44,733	45,625	-891
101120	101120 INFRASTRUCTURE PROJECTS	0	0	3	0	-3	4,203	4,203	6,365	0	-2,162	4,203	6,365	-2,162
102100	102100 LEGACY WASTE PROCESS AND REPACKAGING	882	218	880	-663	-661	25,943	20,326	29,716	-5,617	-9,390	34,471	60,915	-26,443
102200	102200 LEGACY WASTE DISPOSITION	451	118	-181	-333	300	12,279	13,545	13,893	1,265	-348	27,475	36,780	-9,304
102300	102300 NEWLY GENERATED RAD WASTE DISPOSITION	0	0	0	0	-0	92	654	509	561	145	2,172	2,535	-362
102400	102400 DRUM CELL DISPOSITION	0	0	0	0	0	2,161	2,161	1,848	0	313	2,161	1,848	313
103100	103100 MAIN PLANT PROCESS BUILDING	1,436	768	751	-668	17	36,935	35,075	36,647	-1,860	-1,571	55,886	61,173	-5,286
103200	103200 BALANCE OF SITE FACILITIES DISPOSITION	27	26	8	-0	18	4,258	3,996	4,210	-262	-214	7,101	6,825	276
103300	103300 RHWF AND VITRIFICATION FACILITY DECON	78	0	0	-78	-0	430	0	3	-430	-3	2,599	2,921	-321
103400	103400 WASTE TANK FARM ISOLATION	55	191	194	136	-2	3,802	2,848	3,149	-953	-300	8,249	9,553	-1,303
104100	104100 REGULATORY AFFAIRS	465	380	286	-84	94	14,411	13,865	13,873	-545	-7	21,266	23,286	-2,020
105100	105100 DOE INFRASTRUCTURE SUPPORT	18	17	32	-0	-15	956	955	1,063	-1	-107	1,361	1,448	-86
105200	105200 EEOICPA SUPPORT	0	0	0	0	-0	0	0	37	0	-37	0	37	-37
105500	105500 HLW CANISTERS	0	129	64	129	65	934	671	529	-263	141	934	535	398
107100	107100 PENSION	0	0	0	0	0	13,506	13,506	13,462	0	44	19,216	19,191	25
109100	109100 SAFEGUARDS AND SECURITY	136	209	229	73	-19	4,757	4,655	4,898	-101	-242	7,329	7,332	-2

COST PERFORMANCE REPORT - FORMAT 1
BASE CONTRACT

FULL-TIME...

PAGE 2

COST OF MONEY	0	0	0	0	0	0	0	0	0	0	0	0	0
GENERAL & ADMINISTRATIVE	0	0	0	0	0	0	0	0	0	0	0	0	0
UNDISTRIBUTED BUDGET											0	0	0
SUBTOTAL (Performance Measurement Baseline)	4,297	2,830	3,065	-1,467	-235	155,069	146,662	161,873	-8,407	-15,210	239,162	286,373	-47,210
MANAGEMENT RESERVE											1,942		
TOTAL	4,297	2,830	3,065	-1,467	-235	155,069	146,662	161,873	-8,407	-15,210	241,105		

**COST PERFORMANCE REPORT - FORMAT 2
BASE CONTRACT**

FULL-TIME...

PAGE 1

1. CONTRACTOR		2. CONTRACT		3. PROGRAM		4. REPORT PERIOD	
a. NAME West Valley Environmental		a. NAME West Valley Demonstration		a. NAME		a. FROM (YYYY/MM/DD) 2010/01/02	
b. LOCATION (Address and ZIP Code) 10282 Rock Springs Road West Valley, NY 14171		b. NUMBER DE-AC30-07CC30000				b. TO (YYYY/MM/DD) 2010/01/29	
		c. TYPE CPAF	d. SHARE RATIO	b. PHASE (X one) <input type="checkbox"/> RDT&E <input type="checkbox"/> PRODUCTION			

5. PERFORMANCE DATA														
CAM	DESCRIPTION (1)	CURRENT PERIOD					CUMULATIVE TO DATE					AT COMPLETION		
		BUDGETED COST		ACTUAL COST WORK PERFORMED (4)	VARIANCE		BUDGETED COST		ACTUAL COST WORK PERFORMED (9)	VARIANCE		BUDGETED (12)	ESTIMATED (13)	VARIANCE (14)
		WORK SCHEDULED (2)	WORK PERFORMED (3)		SCHEDULED (5)	COST (6)	WORK SCHEDULED (7)	WORK PERFORMED (8)		SCHEDULED (10)	COST (11)			
DG	Dave Garber	988	245	893	-742	-648	36,998	30,687	42,145	-6,310	-11,457	50,537	78,876	-28,338
DM	Dan Meess	55	191	194	136	-2	3,802	2,848	3,149	-953	-300	8,249	9,553	-1,303
JB	Jim Baker	745	768	793	22	-25	30,394	30,196	31,664	-198	-1,468	44,733	45,625	-891
JnB	John Bordini	1,436	768	751	-668	17	36,935	35,075	36,647	-1,860	-1,571	55,886	61,173	-5,286
KM	Kim Mansfield	465	380	286	-84	94	14,411	13,865	13,873	-545	-7	21,266	23,286	-2,020
LC	Lettie Chilson	0	129	64	129	65	934	671	529	-263	141	934	535	398
LO	Laura Ortega	18	17	33	-0	-15	14,463	14,462	14,563	-1	-100	20,577	20,676	-98
PL	Peggy Loop	451	118	-181	-333	299	12,371	14,199	14,402	1,827	-202	29,648	39,315	-9,667
RL	Rick Love	136	209	229	73	-19	4,757	4,655	4,898	-101	-242	7,329	7,332	-2
COST OF MONEY		0	0	0	0	0	0	0	0	0	0	0	0	0
GENERAL & ADMINISTRATIVE		0	0	0	0	0	0	0	0	0	0	0	0	0
UNDISTRIBUTED BUDGET												0	0	0
SUBTOTAL (Performance Measurement Baseline)		4,297	2,830	3,065	-1,467	-235	155,069	146,662	161,873	-8,407	-15,210	239,162	286,373	-47,210
MANAGEMENT RESERVE												1,942		
TOTAL		4,297	2,830	3,065	-1,467	-235	155,069	146,662	161,873	-8,407	-15,210	241,105		

COST PERFORMANCE REPORT - FORMAT 3													FULL-TIME...		PAGE 1				
BASE CONTRACT																			
1. CONTRACTOR				2. CONTRACT				3. PROGRAM				4. REPORT PERIOD							
a. NAME West Valley Environmental				a. NAME West Valley Demonstration				a. NAME				a. FROM (YYYY/MM/DD) 2010/01/02							
b. LOCATION (Address and ZIP Code) 10282 Rock Springs Road West Valley, NY 14171				b. NUMBER DE-AC30-07-CC30000								b. TO (YYYY/MM/DD) 2010/01/29							
				c. TYPE CPAF		d. SHARE RATIO		b. PHASE (X one) <input type="checkbox"/> RDT&E <input type="checkbox"/> PRODUCTION											
5. CONTRACT DATA																			
a. ORIGINAL NEGOTIATED COST 148,954			b. NEGOTIATED CONTRACT CHANGES 29,438			c. CURRENT NEGOTIATED COST (a. + b.) 178,392			d. ESTIMATED COST OF AUTHORIZED UNPRICED WORK 0			e. CONTRACT BUDGET BASE (c. + d.) 178,392			f. TOTAL ALLOCATED BUDGET 239,162		g. DIFFERENCE (e. - f.) -60,769		
h. CONTRACT START DATE (YYYY/MM/DD) 2007/06/29				i. CONTRACT DEFINITIZATION DATE (YYYY/MM/DD) 2007/06/29				j. PLANNED COMPLETION DATE (YYYY/MM/DD) 2011/09/30				k. CONTRACT COMPLETION DATE (YYYY/MM/DD) 2011/06/30				l. ESTIMATED COMPLETION DATE (YYYY/MM/DD) 2011/09/30			
6. PERFORMANCE DATA																			
PROJECT	DESCRIPTION (1)	BCWS CUMULATIVE TO DATE (2)	BCWS FOR REPORT PERIOD (3)	BUDGETED COST FOR WORK SCHEDULED (BCWS) (Non-Cumulative)											UNDIS-TRIBUTED BUDGET (15)	TOTAL BUDGET (16)			
				SIX MONTH FORECAST						SPECIFIED PERIODS									
				FEB '10 (4)	MAR '10 (5)	APR '10 (6)	MAY '10 (7)	JUN '10 (8)	JUL '10 (9)	FY 2010 (10)	FY 2011 (11)	FY 2012 (12)	FY 2013 (13)	TO COMP. (14)					
10	Base Contract	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
CHANGES																0			
PERFORMANCE MEASUREMENT BASELINE		155,069		3,945	5,212	4,819	4,224	5,660	5,661	11,714	42,854	0	0	0	0	239,162			
MANAGEMENT RESERVE																0			
TOTAL																239,162			

CLASSIFICATION (When Filled In)

**CONTRACT PERFORMANCE REPORT
FORMAT 4 - STAFFING**

FORM APPROVED
OMB No. 0704-0188

1. CONTRACTOR		2. CONTRACT		3. PROGRAM		4. REPORT PERIOD	
a. NAME West Valley Environmental Services, LLC		a. NAME West Valley Demonstration Project		a. NAME West Valley Demonstration Project		a. FROM (YYYYMMDD) (20100102)	
b. LOCATION (Address and ZIP Code) 10282 Rock Springs Road West Valley, NY 14171		b. NUMBER DE-AC30-07CC30000		b. PHASE Interim End State		b. TO (YYYYMMDD) (20100129)	
		c. TYPE	d. SHARE RATIO	c. EVMS ACCEPTANCE YES (20090929)			

5. PERFORMANCE DATA (All figures in whole numbers)

Hours

ORGANIZATIONAL CATEGORY (1)	ACTUAL CURRENT PERIOD (2)	ACTUAL END OF CURRENT PERIOD (Cumulative) (3)	FORECAST (Non-Cumulative)											AT COMPLETION (15)	
			SIX MONTH FORECAST BY MONTH (Enter Names of Months)						ENTER SPECIFIED PERIODS						
			+1 Feb-10 (4)	+2 Mar-10 (5)	+3 Apr-10 (6)	+4 May-10 (7)	+5 Jun-10 (8)	+6 Jul-10 (9)	FY 2010 (10)	FY 2011 (11)	(12)	(13)	(14)		
Base Contract															
Exempt - Hours	8,224	318,764	8,602	10,095	8,361	8,178	9,472	8,232	106,276	119,658					509,049
FTE's	63	78	66	65	64	63	63	63	65	73					
Non-Exempt - Hours	1,336	41,315	854	1,041	854	854	982	854	12,567	14,644					63,232
FTE's	10	10	7	7	7	7	7	6	8	9					
Hourly - Hours	14,355	518,915	12,212	16,407	14,155	13,294	15,776	13,669	187,359	184,740					818,418
FTE's	110	126	94	105	109	102	105	105	114	112					
6. TOTAL DIRECT - Hours	23,915	878,994	21,668	27,543	23,370	22,326	26,230	22,754	306,202	319,042	0	0			1,390,699
6. TOTAL DIRECT - FTE'S	183	214	166	176	179	171	175	174	186	194	0	0			

DD FORM 2734/4, MAR 05

LOCAL REPRODUCTION AUTHORIZED.

CLASSIFICATION (When Filled In)

TOTAL PROJECT BUDGET BASELINE		\$ in Thousands		FY 07	FY 08	FY09	FY10	FY11 Note 5	Totals
	Planned Value Total PBS Level			4,138	58,101	66,901	67,168	42,854	239,163
	Contract Transition			600	730	-	-	-	1,330
	Adjustment: Completed Scope			(719)	-	-	-	-	(719)
	WVES G&A			13	157	157	157	117	600
	WVES Fee Drum Cell			106	332	-	-	-	438
	WVES Fee			208	3,997	4,683	4,702	3,000	16,590
	WVES Contract Budget Baseline			4,347	63,316	71,741	72,027	45,971	257,402
	WVES Modified Scope Mgt Res (note 1)			0	0	0	0	0	0
	WVES Management Reserve			0	0	0	1,943	0	1,943
	DOE Contracts			0	0	7,199	6,400	4,800	18,399
	>> Total Plan WVDP			4,347	63,316	78,939	80,369	50,771	277,743
PBS OH-WV-0013-Solid Waste Stabilization & Disposition	Planned Value PBS Level			2,235	19,093	12,966	17,996	11,819	64,109
	WVES G&A			-	-	-	-	-	-
	WVES Fee			75	1,266	908	1,260	827	4,336
	WVES Fee Drum Cell			106	332	-	-	-	438
	WVES CBB PBS Level			2,416	20,692	13,874	19,256	12,646	68,884
	WVES Modified Scope Mgt Res (note 1)			0	0	0	0	0	0
	WVES Management Reserve			0	0	0	0	0	0
	Total Plan PBS OH-WV-0013			2,416	20,692	13,874	19,256	12,646	68,884
102100 LEGACY WASTE PROCESS AND REPACKAGING	Planned Value WBS Level			770	12,602	9,500	8,215	3,385	34,472
102200 LEGACY WASTE DISPOSITION	Planned Value WBS Level			305	5,490	3,466	9,781	8,434	27,475
102400 DRUM CELL SHIPMENTS	Planned Value WBS Level			1,160	1,002	-	-	-	2,162
PBS OH-WV-0020 - Safeguards & Security									
109100 SAGEGUARDS AND SECURITY	Planned Value PBS / WBS Level			179	2,080	1,884	1,664	1,522	7,329
	WVES G&A			-	-	-	-	-	-
	WVES Fee			13	146	132	116	107	513
	WVES CBB PBS Level			192	2,226	2,016	1,780	1,628	7,842
PBS OH-WV-0040 - Nuclear Facility D&D	Planned Value PBS Level			1,724	36,927	52,050	47,508	29,514	167,724
	WVES G&A			13	157	157	157	117	600
	WVES Fee			121	2,585	3,644	3,326	2,066	11,741
	WVES CBB PBS Level			1,858	39,669	55,850	50,991	31,697	180,065
	WVES Modified Scope Mgt Res (note 1)			0	0	0	0	0	0
	WVES Management Reserve			0	0	0	1,943	0	1,943
	Total Plan PBS OH-WV-0040			1,858	39,669	55,850	52,933	31,697	182,008
101110 SITE OPERATIONS AND MAINTENANCE	Planned Value WBS Level			870	11,838	13,752	10,208	8,066	44,733
101120 INTERIM NDA GROUNDWATER BARRIER AND CAP	Planned Value WBS Level			-	3,082	1,121	-	-	4,203
102300 NEWLY GENERATED RAD WASTE DISPOSITION	Planned Value WBS Level (note 6)			-	0	92	767	1,313	2,173
103100 MAIN PLANT PROCESS BUILDING & NITROCISION	Planned Value WBS Level			269	12,216	15,112	19,130	9,161	55,887
103200 BALANCE OF SITE FACILITIES DISPOSITION	Planned Value WBS Level			163	2,700	1,240	1,365	1,634	7,101
103300 RHWF AND VITRIFICATION FACILITY DECON	Planned Value WBS Level			-	-	-	1,838	761	2,599
103400 WASTE TANK FARM ISOLATION	Planned Value WBS Level			-	267	2,190	5,050	742	8,249
104100 REGULATORY AFFAIRS	Planned Value WBS Level			402	5,364	6,471	5,685	3,345	21,266
105100 DOE SUPPORT	Planned Value WBS Level			21	219	229	645	247	1,361
105500 HLW Canister Storage System Design	Planned Value WBS Level			-	-	342	592	-	935
107100 PENSION	Planned Value WBS Level			-	1,242	11,500	2,228	4,246	19,216
TOTAL PROJECT FUNDING PLAN		\$ in Thousands							
DOE EM Guidance Level Funding for WVES Contract	PBS OH-WV-0013 and OH-WV-0040			17,928	56,494	58,301	51,674	38,700	223,096
DOE EM Guidance Level Funding for Other WV Contracts	(SAIC-EIS,NTS,HQ misc contracts) note 3			-	-	7,199	6,400	4,800	18,399
DOE Environmental Management Funding Total WVDP				17,928	56,494	65,500	58,074	43,500	241,495
DOE DEFENSE Guidance Level Funding for WVES Contract	PBS OH-WV-0020			396	2,168	2,800	1,926	1,445	8,734
Total DOE Guidance Level Funding	Reference Letters #2008-0049, 2009-0141 (note 2), and 2009-0244 (note 3)			18,324	58,661	68,300	60,000	44,945	250,229
New York State Billable Share for WVES Contract				2,036	4,837	5,910	4,990	3,735	21,508
New York State Billable Share - WVES ARRA Activities (note 4)				-	-	-	4,200	4,008	8,208
>>Total Guidance Level Funding	DOE and New York State			20,360	63,498	74,210	69,190	52,688	279,945
New York State Service and Credit				-	1,680	1,680	1,680	1,260	6,300
Total WVDP Guidance Level Funding with NYS Credit	Reference Letters #2008-0049, 2009-0141 (note 2), and 2009-0244 (note 3)			20,360	65,178	75,890	70,870	53,948	286,245
DELTA: >>Total WVES Plan Requirement VS >>Total Guidance Level Funding DOE and NYS				16,013	182	(4,729)	(11,179)	1,916	2,202

Note 1; Management Reserve deleted per DOE, except for returned baseline budget from PMB 2010019, Decrease in planned 2010 Pension Liability
Note 2; DOE Provided Funding Guidance (letter 2009-0141) reduced projected Project funding by \$22,804 from previous Guidance (letter 2008:0175)

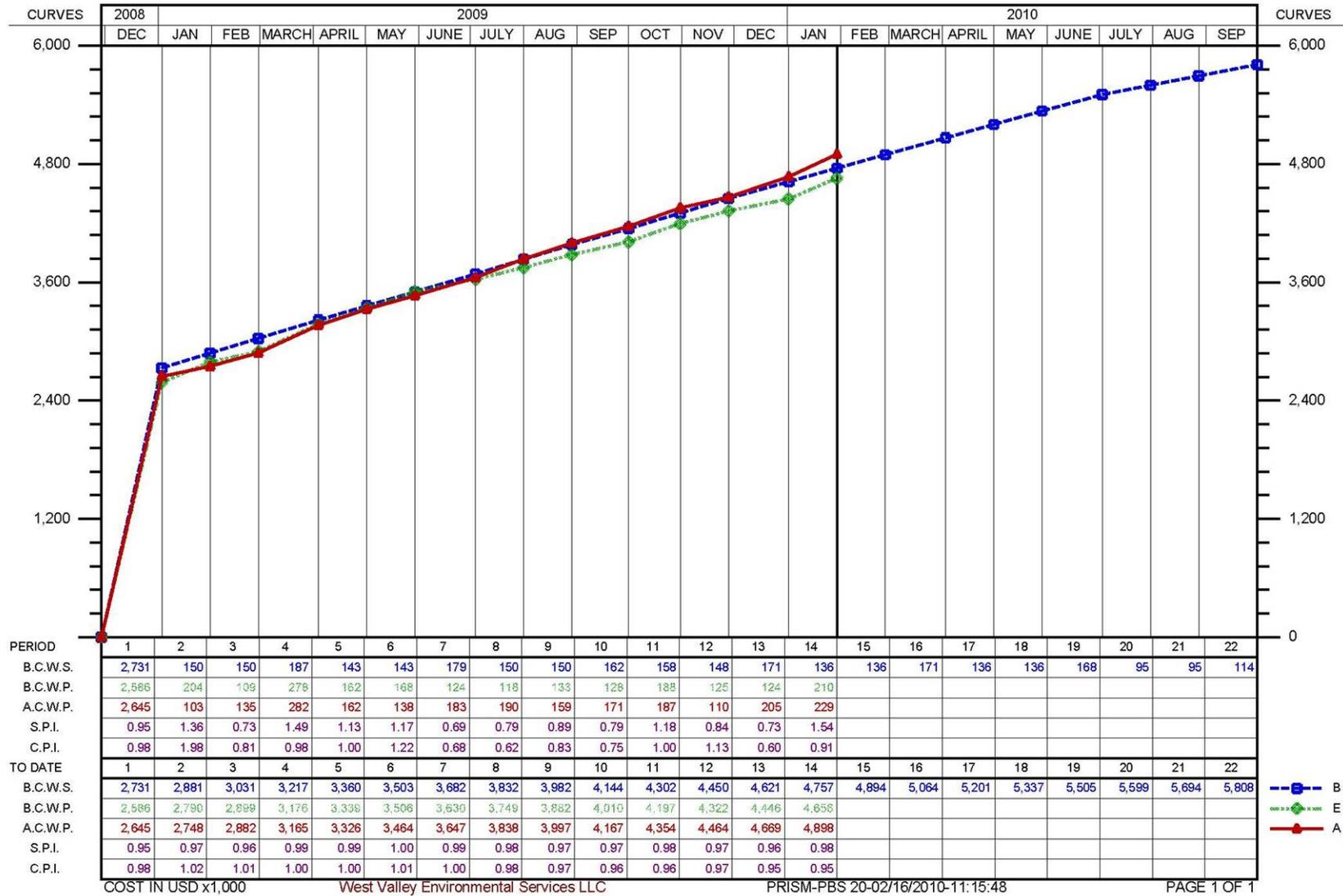
Note 3; DOE Provided Funding Guidance (letter 2009-0244) which identified \$7,198K from previous WVDP Guidance for Other WV DOE Contracts, FY2010 and FY2011 Other DOE Contracts estimated at FY2009 level pending DOE direction

Note 4; DOE directed NYS ARRA billable amount to be applied to Base Contract: \$8,208K

Note 5; FY 2011 is based on 75% of DOE Guidance as WVES contract period runs through June 30, 2011 not Sept 30, 2011 which is FY2011 End Date

Note 6; Control Account 102300 Newly Generated Radwaste Disposition moved to PBS OH-WV-0040 Per DOE Direction.

PBS OH-WV-0020 SAFEGUARDS AND SECURITY



COST IN USD x1,000

West Valley Environmental Services LLC

PRISM-PBS 20-02/16/2010-11:15:48

PAGE 1 OF 1

BASELINE CONTROL LOG											PROJECT MANAGER:		 WVES LLC	
CONTRACT NAME: West Valley Demonstration Project											John McKibbin			
CONTRACT NUMBER: DE-AC30-07CC30000											Orig Contract Target Cost: \$148,954,774		REPORT AS OF: DECEMBER, 2009	
TRANS-ACTION No.	DATE	AUTHORIZE DOCUMENT	DESCRIPTION OF CHANGE / REFERENCE	WBS	SCHED IMPACT?	TOTAL ESTIMATED COST (TEC) (Excl. Fee)	AUTHORIZED UNPRICED WORK (AUW)	CONTRACT BUDGET BASE (CBB) (This Change)	MANAGEMENT RESERVE (MR)	PERFORM MEASURE BASELINE (PMB)	UNDISTRIB. BUDGET (UB)	ALLOCATED (DISTRIBUTED) BUDGET	CONTRACT BUDGET BASE (CBB) (Cumulative)	
1	6/29/2007		DE-AC30-07 CC30000	Multiple	Y	147,024,655	0	147,024,655	0	147,024,655	147,024,655	0	147,024,655	
2	9/26/2007	2007001	Add scope to remove remaining 2,312 drums from drum cell and ship 3,329 drum cell drums to NTS	102400001/1 02400002	N	0	0	2,263,700	0	149,288,355	0	2,263,700	149,288,355	
END OF SEPTEMBER 2007 PERFORMANCE PERIOD						147,024,655	0	149,288,355	0	147,024,655	0			
3	12/14/2007		Baseline submittal	Multiple		0	0	18,058,645	0	167,347,000	(147,024,655)	165,110,300	167,347,000	
4	1/9/2008	2008001	Redistribute spread of scope in 102100003 and 103100002 due to error in December 14, 2007 baseline submittal.	102100003/1 03100002	N	0	0	0	0	167,347,000	0	167,347,000	167,347,000	
END OF JANUARY 2008 PERFORMANCE PERIOD						147,024,655	0	167,347,000	0	0	0			
5	2/28/2008	2008002	Cancelled. Add to BCP due in March (NTS disposal return)		N	0	0	0	0	167,347,000	0	167,347,000	167,347,000	
6	2/5/2008	2008003	Move \$1595.98M from Jan to Sept 2008 based on Oct 2007 actuarial report	107100001	N	0	0	0	0	167,347,000	0	167,347,000	167,347,000	
7	2/28/2009	2008004	Cancelled. Realized Risk #20 Bioassay program not adequate to support planned in-cell ops for ARC - to be included in BCP due in March		N	0	0	0	0	167,347,000	0	167,347,000	167,347,000	
END OF FEBRUARY 2008 PERFORMANCE PERIOD						147,024,655	0	167,347,000	0	0	0			
8	3/26/2008	M008	Contract Modification	Multiple	N	4,093,996	0	0	0	167,347,000	0	167,347,000	167,347,000	
9	3/1/2008	2008005	Cancelled. Identified Risks were incorporated into CBB 2008007.	Multiple	N	0	0	0	0	167,347,000	0	167,347,000	167,347,000	
10	3/12/2008	2008006	Subcontract Engr budgeted in WPO02 for all work scopes, move \$67 K for engineering to WPO12 to support demo plan	103100002/1 03100012	N	0	0	0	0	167,347,000	0	167,347,000	167,347,000	
END OF MARCH 2008 PERFORMANCE PERIOD						151,108,651	0	167,347,000	0	0	0			
11	4/2/2008	2008007	Cancelled superseded by 2008008	Multiple	N	0	0	0	0	167,347,000	0	167,347,000	167,347,000	
12	4/1/2008	M011	Contract Modification	104100005/1 04100006	N	3,817,121	0	0	0	167,347,000	0	167,347,000	167,347,000	
13	4/1/2008	M012	Contract Modification	101120001	N	4,202,415	0	0	0	167,347,000	0	167,347,000	167,347,000	
14	4/1/2008	M013	Contract Modification	103400003/1 03400004/10 3400005	N	6,524,601	0	0	0	167,347,000	0	167,347,000	167,347,000	
15		2008008	Change to CBB as a result of DOE directed workscope (letter EMCBC-0341098) Adds realized risks and DOE Assignment of Risk Management Plan (letter WD.2008.0113) & impacts of funding profile that varies from previous guidance	Multiple	Y	0	0	50,271,468	0	217,618,468	0	217,618,468	217,618,468	
END OF APRIL 2008 PERFORMANCE PERIOD						165,652,788	0	217,618,468	0	0	0			
16	5/20/2008	M015	Contract Modification	109100002		1,280,000	0	0	0	217,618,468	0	217,618,468	217,618,468	
17	5/15/2008	2008010	Incorporate changes to the CBB that arose when implementing CBB 2008008. Changes were made to ensure that historical budgeted within the CBB was not changed.	Multiple	N	0	0	529,636	0	218,148,104	0	218,148,104	218,148,104	
END OF MAY 2008 PERFORMANCE PERIOD						166,932,788	0	218,148,104	0	0	0			
18	6/2/2008	M017	Contract Modification	Multiple		1,426,272	0	0	0	218,148,104	0	218,148,104	218,148,104	
19	7/25/2008	2008009	Cancelled superseded by 2008016	102100003/1 03100004/10 3100005	N	0	0	0	0	218,148,104	0	218,148,104	218,148,104	
END OF JULY 2008 PERFORMANCE PERIOD						168,359,060	0	218,148,104	0	0	0			
20	9/3/2008	2008012	Add logic ties to baseline schedule	Multiple	Y	0	0	0	0	218,148,104	0	218,148,104	218,148,104	
21	9/29/2008	2008013	Remove Cyber Security labor added in 2008008	109100002	N	0	0	(598,001)	0	217,550,103	0	217,550,103	217,550,103	
22	9/29/2008	2008014	Add new Cyber Security scope	109100002	N	0	0	1,318,962	0	218,867,065	0	218,867,065	218,867,065	
23	9/24/2008	2008015	DOE guidance to prepare BSW for turnover to NYSERDA	103200003	Y	0	0	(62,525)	0	218,804,540	0	218,804,540	218,804,540	
END OF SEPTEMBER 2008 PERFORMANCE PERIOD						168,359,060	0	218,804,540	0	0	0			
24	10/1/2008	2008017	Cancelled.		N	0	0	0	0	218,804,540	0	218,804,540	218,804,540	
25	10/3/2008	2008018	Return \$248K to DOE for purchase of Standard Waste Boxes	102100003/1 03100004/10 3100005	N	0	0	(248,000)	0	218,556,540	0	218,556,540	218,556,540	
26	10/9/2008	2008011	Denied by DOE. NDA Cap - Increase fuel costs and geomembrane material costs due to crude oil prices, weather delays (Risk 22) and scheduled OT to make up rain delays, and unexpected contamination (Risk 21)	101120001	N	0	0	0	0	218,556,540	0	218,556,540	218,556,540	
27	10/15/2008	2008016	Lagoon 3 bank observed surface soil movement and erosion, it has become necessary to verify the deep seated stability of the slope and repair	101110002	N	0	0	130,100	0	218,686,640	0	218,686,640	218,686,640	

CONTRACT NUMBER: DE-AC30-07CC30000				Orig Contract Target Cost: \$148,954,774			REPORT AS OF: DECEMBER, 2009						
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			END OF OCTOBER 2009 PERFORMANCE PERIOD			168,359,060	0	218,686,640	0		0	0	
28	11/20/2008	2009002	Additional scope for North Plateau Characterization - reallocated from current scope (under run)	104100005	Y	0	0	0	0	218,686,640	0	218,686,640	218,686,640
29	11/1/2008	2009003	Cancelled. Reclass from Class 1 to 0. Removal of Regional Meteorological (MET) Tower	104100	N	0	0	0	0	218,686,640	0	218,686,640	218,686,640
30	11/20/2008	2009004	Realized Risk 1A - ID of unexpected ACM caused delay of LWA. Work in the niches is being moved in parallel with the adjacent extraction cell room instead of LWA niches - scope/budget redistribution to allow for risk minimization	103100004	Y	0	0	0	0	218,686,640	0	218,686,640	218,686,640
			END OF NOVEMBER 2009 PERFORMANCE PERIOD			168,359,060	0	218,686,640	0		0		
31	12/10/2008	M030	Contract Modification	Multiple	N	1,157,695	0	0	0	218,686,640		218,686,640	218,686,640
32	1/6/2009	2009006	Suspect ACM found during wall scabbling operations in preparation for PPC-N Decon	103100004	N	0	0	97,000	0	218,783,640	0	218,783,640	218,783,640
33	12/23/2008	2009005	Cancelled by CAM -	103100004	N	0	0	0	0	218,783,640	0	218,783,640	218,783,640
34	1/6/2009	2009007	Extend existing monorail for waste removal from MPPB during ARC tank removal activities and HAC decon operations	103100004	N	0	0	240,000	0	219,023,640	0	219,023,640	219,023,640
			END OF DECEMBER 2009 PERFORMANCE PERIOD			169,516,755	0	219,023,640	0		0		
35	1/29/2009	2009001	Risk 9b(2) realized. Brokk is and will remain operable - found to be inoperable, attempts made to repair, but failed - procure new Brokk. Risk 9b(1) realized - deficiencies of Vit cranes and transfer cart caused operations to be lost for 8 weeks	102100001/ 102100002	Y	0	0	1,638,000	0	220,661,640	0	220,661,640	220,661,640
36	1/29/2009	2009009	Defer processing CH-TRU due to new DOE direction for processing CH-TRU	102100003	Y	0	0	0	0	220,661,640	0	220,661,640	220,661,640
			END OF JANUARY 2009 PERFORMANCE PERIOD			169,516,755	0	220,661,640	0		0		
37	2/1/2009	2009008	Cancelled. Add \$42,791 in accordance with risk 1(a) identified in WVDP-473	102100	N	0	0	0	0	220,661,640	0	220,661,640	220,661,640
38	2/1/2009	2009015	Cancelled.	103400	N	0	0	0	0	220,661,640	0	220,661,640	220,661,640
39	2/1/2009	2009016	Cancelled.	103200	N	0	0	0	0	220,661,640	0	220,661,640	220,661,640
40	2/26/2009	2009010	Current baseline assumes vessels in HAC are CH-TRU. Preliminary characterization indicates this is not the case. This change accelerates HAC decon by 5 months and delays lower priority lab decon.	103100005/ 103100007	Y	0	0	0	0	220,661,640	0	220,661,640	220,661,640
41	2/26/2009	2009014	Replan scope to engineer and replace existing 8D-4 pump	103400004	Y	0	0	0	0	220,661,640	0	220,661,640	220,661,640
42	2/26/2009	2009013	Replan remaining scope for development of tooling for tank characterization and deployment of that equipment	103400002	Y	0	0	0	0	220,661,640	0	220,661,640	220,661,640
43	2/26/2009	2009019	Move \$4,072,590 unperformed scope for the shipment of the CFMT, MFHT, and Melter as well as the associated WIR determination into a planning package	102200002/ 102200901	Y	0	0	0	0	220,661,640	0	220,661,640	220,661,640
			END OF FEBRUARY 2009 PERFORMANCE PERIOD			169,516,755	0	220,661,640	0		0		
44	3/31/2009	2009011	Expand scope of XC3 D&D to include the removal of all cell components. The baseline schedule included removal of CH-TRU vessels and related piping only.	103100004/ 102300001	Y	0	0	2,239,796	0	222,901,436	0	222,901,436	222,901,436
45	4/1/2009	2009017	Denied. Restoration of the Annual Site Environmental Report (ASER) to a stand-alone document.	104100	N	0	0	0	0	222,901,436	0	222,901,436	222,901,436
46	4/1/2009	2009018	Denied. Implementation of revised directive DOE O 450.1A.	104100	N	0	0	0	0	222,901,436	0	222,901,436	222,901,436
47	4/1/2008	2009026	Cancelled.		N	0	0	0	0	222,901,436	0	222,901,436	222,901,436
48	4/2/2009	2009012	Inconsistencies in As-Built engineering for the facilities (Old STP Tank) lead to operational upset causing work to be discontinued and will restart in FY09 when weather permits w/additional work scope	103200003	Y	0	0	47,611	0	222,949,047	0	222,949,047	222,949,047
49	4/2/2009	2009020	Realized Risk 9b(3) - Expand scope of XC1 decon to include removal of a remote arm currently located in XC1. Also, budget is required for procurement, installation and testing of a replacement wrist, deployment system and associated remotized equipment for the new XC1 arm.	103100004	Y	0	0	982,711	0	223,931,758	0	223,931,758	223,931,758
49	4/2/2009	2009021	Field and lab characterization for the North Plateau Permeable Reactive Barrier and Permeable Treatment Wall baseline schedule revision to reflect current accelerated work plan with expert geologist and university direction.	104100006	Y	0	0	0	0	223,931,758	0	223,931,758	223,931,758
50	4/2/2009	2009022	Replan work associated w/decontamination of Tank 8D-4 liquid and shipment of Cs-137 loaded zeolite due to denial by DOE of subcontract sole-source justification	103400004/ 103400901	Y	0	0	0	0	223,931,758	0	223,931,758	223,931,758

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51	4/2/2009	2009023	Replan the processing of waste in the RHWF, Vit Facility & WPA to better reflect current work scope.	102100001/ 102100002/ 102100003	Y	0	0	0	0	223,931,758	0	223,931,758	223,931,758
52	4/2/2009	2009024	Upgrade respirators, Powered air purifying respirators (PAPRs) and leak tester (outdated and unreliable equipment)	103100002	Y	0	0	255,000	0	224,186,758	0	224,186,758	224,186,758
53	3/30/2009	2009025	Request to support Argonne Nat'l Lab DOE contract personnel in developing site-wide environmental database by supplying historical radiological and chemical data w/assoc. GIS coordinates	104100002	Y	0	0	35,000	0	224,221,758	0	224,221,758	224,221,758
54	4/3/2009	2009027	Incorporate Contract Mod 038 Pension Plan Funding. The payment is for \$9,100,000, but \$400,000 is being redistributed from Sept to March , therefore, \$8,700,000 is being added to the baseline.	107100001	Y	0	0	8,700,000	0	232,921,758	0	232,921,758	232,921,758
55	4/2/2009	2009028	Redistribute scope and budget from work package 005 to work packages 003, 004, 006, 010	103100003/ 103100004/ 103100005/ 103100006/ 103100010	Y	0	0	0	0	232,921,758	0	232,921,758	232,921,758
END OF MARCH 2009 PERFORMANCE PERIOD						169,516,755	0	232,921,758	0		0		
56	5/11/2009	2009030	Denied. Provide schedule and cost budget for remediation associated with major and catastrophic equipment failures realized	102100	N	0	0	0	0	232,921,758	0	232,921,758	232,921,758
57	5/11/2009	2009031	Denied. Realized Risk #2 - Estimated Waste Volumes/Mix (Going In).	102100	N	0	0	0	0	232,921,758	0	232,921,758	232,921,758
58	5/11/2009	2009032	Denied. Nitrocision's revised estimate to complete, additional budget of \$999K is required for procurement of engineering services for research and development for design, fabrication, and testing of remote tools and their deployment for use with the Nitrojet 6000 System.	103100	N	0	0	0	0	232,921,758	0	232,921,758	232,921,758
59	5/11/2009	2009033	Cancelled. See 2009040. VEC Filter Changeout.	103100	N	0	0	0	0	232,921,758	0	232,921,758	232,921,758
END OF APRIL 2009 PERFORMANCE PERIOD						169,516,755	0	232,921,758	0		0		
60	5/1/2009	2009029	Cancelled.	104100	N	0	0	0	0	232,921,758	0	232,921,758	232,921,758
61	5/5/2009	2009035	Cancelled, superseded by 2009047. ARRA Work Scope, Mod 043	All ARRA	Y	56,000,000	0	0	0	232,921,758	0	232,921,758	232,921,758
62	5/21/2009	2009034	CH-TRU Packaging Instruction - FY 2009	102100003	Y	0	0	261,298	0	233,183,056	0	233,183,056	233,183,056
END OF MAY 2009 PERFORMANCE PERIOD						225,516,755	0	233,183,056	0		0		
63	6/23/2009	2009036	Plan a Portion of the Planning Package for 8D-4 Liquid decontamination conceptual, preliminary and final design	103400004/ 103400901	Y	0	0	0	1	233,183,057	0	233,183,057	233,183,057
64	6/23/2009	2009037	Return budget of \$250K from Off Gas Cell Decon to Management Reserve	103100005	Y	0	0	0	0	233,183,057	250,000	232,933,057	233,183,057
65	6/23/2009	2009038	Request Budget of \$250K from Management Reserve to upgrade and maintain the rail line spur for MPPB waste staging.	103100015	Y	0	0	0	0	233,183,057	(250,000)	233,433,057	233,183,057
66	7/1/2009	2009039	Reschedule activities for document preparation for tank 8D-4 pump removal, removal of the Tank 8D-4 pump, Tank 8D-4 liquid sampling, video inspection in the tank, characterize remove pump and installation of new pump.	103400004	Y	0	0	4,736	0	233,187,793	0	233,187,793	233,187,793
67	7/1/2009	2009040	Realization of Risk #9F - MPPB Ventilation Filters Need Replacement. The Ventilation Exhaust Cell Filters have failed the annual PAO test.	103100009	Y	0	0	907,210	0	234,095,003	0	234,095,003	234,095,003
68	7/1/2009	2009041	Transfer remaining Swamp Ditch (formerly Permeable Reactive Barrier) mitigation design and installation budget/scope to a planning package to reflect DOE's April 2009 decision not to proceed with any remedial alternative in the Swamp Ditch at this time.	104100006/ 104100901	Y	0	0	3,072	0	234,098,075	0	234,098,075	234,098,075
69	7/1/2009	2009042	Addition of Ambient Air Monitoring program implementation; Traditional ASER CBB2009017 resubmittal.	104100002/ 104100009	Y	0	0	826,950	0	234,925,025	0	234,925,025	234,925,025
70	7/1/2009	2009043	This change is to present the realization of Risk #2 Volume/Mix going in, for the newly generated waste tanks and excess debris coming out of the HAC that was planned as CH-TRU waste and will now be removed as LLW that will need to be transported and disposed of.	102300001	Y	0	0	92,144	0	235,017,169	0	235,017,169	235,017,169
71	7/1/2009	2009045	As of May 14, 2009 negotiations with the nitrocision vendor have resulted in a increased cost to the project of \$999K. Their estimate provides for completion of tooling as currently identified. Scope is required for engineering, procurement and fabrication of remotized prototype tools for PMC and GPC decontamination.	103100003	Y	0	0	999,052	0	236,016,221	0	236,016,221	236,016,221

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72	7/1/2009	2009046	To provide schedule and cost budget for remediation associated with major catastrophic equipment failures realized from March 2009 through April 21, 2009.	102100001/ 102100002	Y	0	0	394,724	0	236,410,945	0	236,410,945	236,410,945
73	7/1/2009	2009047	To establish the 120 day work plan budget for Recovery Act Work to be tracked during the definitization time period. This CBB covers May through August 2009. This provisional baseline CBB will be superceded by the final Performance Measurement Baseline submittal to be issued 120 days from the execution of the above referenced contract modification.	All ARRA	Y	0	0	4,470,666	0	240,881,611	0	240,881,611	240,881,611
74	7/1/2009	PRISM	PRISM error of \$5,627 from 2009047.	All ARRA				5,627		240,887,238	0	240,887,238	240,887,238
END OF JUNE 2009 PERFORMANCE PERIOD						225,516,755	0	240,887,238	0		0		
75	7/6/2009	PRISM	Corrected PRISM error of \$5,627 from 2009047.	All ARRA				(5,627)		240,881,611	0	240,881,611	240,881,611
76	7/14/2009	Mod 047	Railroad Upgrades	102200	Y	3,460,217		0	0	240,881,611	0	240,881,611	240,881,611
77	7/23/2009	2009056	Multiple activities no longer need due to utilizing mobile off to UB	103200	Y			0	0	240,881,611	(151,385)	241,032,996	240,881,611
78	7/23/2009	2009057	To move a portion Site Operations and Maintenance to UB	101110	Y			0	0	240,881,611	(2,384,525)	243,266,136	240,881,611
79	7/23/2009	2009058	Apply UB to scope for installation and rental of office units	101110	Y			0	0	240,881,611	2,535,910	238,345,701	240,881,611
END OF JULY 2009 PERFORMANCE PERIOD						228,976,972	0	240,881,611	0		0		
80	8/6/2009	2009049	RCRA Part B Revision CBB 2009042 Resubmital	104100	Y			669,927	0	241,551,538	0	241,551,538	241,551,538
81	8/6/2009	2009050	Canister Storage Conceptual Design will be performed	115500 /105500	Y			670,345	0	242,221,883	0	242,221,883	242,221,883
82	8/6/2009	2009051	CH-TRU Packaging Instructions	102100	Y			6,376,631	0	248,598,514	0	248,598,514	248,598,514
83	8/6/2009	2009052	Repair of Railroad Spur	102200	Y			818,221	0	249,416,735	0	249,416,735	249,416,735
84	8/6/2009	2009054	Realization of Risk 1c Holdup of High Source Term in Cont. Areas	103100	Y			542,447	0	249,959,182	0	249,959,182	249,959,182
85	8/17/2009	Mod 050	CH-TRU Packaging Instructions	102100	Y	6,654,735		0	0	249,959,182	0	249,959,182	249,959,182
86	8/31/2009	2009062	September ARRA Work Scope	All ARRA	Y			2,530,395	0	252,489,577	0	252,489,577	252,489,577
END OF AUGUST 2009 PERFORMANCE PERIOD						235,631,707	0	252,489,577	0		0		
87	9/2/2009	2009048	Process RH-TRU using contact handled Transuranic waste packaging	102100	Y			426,887	0	252,916,464	0	252,916,464	252,916,464
88	10/1/2009	2009055	Aisleways combined into WP 10 General Plant	103100	Y			0	0	252,916,464	0	252,916,464	252,916,464
89	9/1/2009	2009061	Pension fund payment	107100	Y			2,817,000	0	255,733,464	0	255,733,464	255,733,464
90	9/17/2009	2009065	Escalate activities for CFMT, MFHT, and Melter	102200	Y			33,882	0	255,767,346	0	255,767,346	255,767,346
91	9/24/2009	2009059	Canceled, WTF sample equipment development is rescheduled	103400	N			0	0	255,767,346	0	255,767,346	255,767,346
92	10/1/2009	2009068	Push out activities remaining in planning package to March	103400	Y			0	0	255,767,346	0	255,767,346	255,767,346
93	9/30/2009	Mod 056	ARRA Work Scope Definitized	All ARRA	Y	14,208,590		0	0	255,767,346	0	255,767,346	255,767,346
END OF SEPTEMBER 2009 PERFORMANCE PERIOD						249,840,297	0	255,767,346	0		0		
94	10/30/2009	2010001	Additional Zeolite Testing	104100006	Y			92,357	0	255,859,703	0	255,859,703	255,859,703
95	10/30/2009	2010002	Denied by DOE Additional Environmental Monitoring budget needed	104100002	N			0	0	255,859,703	0	255,859,703	255,859,703
96	10/30/2009	2010003	Changes to schedule and budget for rail repairs	102200004	Y			906,097	0	256,765,800	0	256,765,800	256,765,800
97	10/30/2009	2010004	Denied by DOE Add Nuclear Safety and Emer Mgt budget requested	104100004	N			0	0	256,765,800	0	256,765,800	256,765,800
98	10/30/2009	2010005	DOE move from Central Section to South 2 Section of the AOC	105100001	N			410,000	0	257,175,800	0	257,175,800	257,175,800
99	10/30/2009	2010006	Establish ARRA PMB from Oct 2010 to June 2011	Various	Y			63,483,904	4,238,623	316,421,081	0	316,421,081	320,659,704
100	10/30/2009	2010007	Move the scope of work involved with trench cover removal	103400001	Y			0	0	316,421,081	0	316,421,081	320,659,704
101	10/30/2009	2010008	8D-3 work delayed because of ARRA 8D-4 Solidification	103400004	Y			0	0	316,421,081	0	316,421,081	320,659,704
102	10/30/2009	2010009	Move most characterization activities into a planning package	103400001	Y			0	0	316,421,081	0	316,421,081	320,659,704
103	10/30/2009	2010010	Change future PMB time-phasing as calculated by PRISM	Base	N			0	0	316,421,081	0	316,421,081	320,659,704
END OF OCTOBER 2009 PERFORMANCE PERIOD						249,840,297	0	320,659,704	4,238,623		0		
104	11/3/2009	Mod 060	NTS	Base	Y	(3,168,924)							
END OF NOVEMBER 2009 PERFORMANCE PERIOD						246,671,373	0	320,659,704	4,238,623		0		
105	12/17/2009	2010011	Modify Base Contract PMB to incorporate impacts of ARRA	Base	Y			(9,345,851)		307,075,230		307,075,230	311,313,853
106	12/17/2009	2010019	Return \$1,943K to MR due to recalculated pension liability	107100	Y			0	1,942,565	305,132,665	0	305,132,665	311,313,853
END OF DECEMBER 2009 PERFORMANCE PERIOD						246,671,373	0	311,313,853	6,181,188		0		
END OF JANUARY 2009 PERFORMANCE PERIOD						246,671,373	0	311,313,853	6,181,188		0		
Transition Costs - Not Tracked in PMB										1,330,119			
G&A - Not Tracked in PMB										600,000			
Current Total Estimated Cost in Contract													248,601,492

**WVES Milestone Report
Data as of January FY2010**

<i>PBS</i>	<i>In Progress</i>	<i>Milestone</i>	<i>Baseline Date</i>	<i>Forecast Date</i>
OH-WV -0013	Complete Processing Legacy Waste	RHWF-1	07/30/2010	05/20/2011
OH-WV -0040	Tank 8D-4 Emptied	TANKS-1	12/10/2010	09/27/2011
OH-WV-0040	Off-Gas Cell Demo Ready	MPPB-4	12/21/2010	01/11/2011
OH-WV-0040	Remote Handled Waste/Vitrification Facility Demo Plan Approved	VIT/RH-1	02/02/2011	09/30/2011

<i>PBS</i>	<i>Complete</i>	<i>Milestone</i>	<i>Baseline Date</i>	<i>Forecast Date</i>	<i>Actual Date</i>
OH-WV-0013	Process and Dispose 2,670 Drums of Drum Cell Waste	LLW-1	12/31/2007		12/06/2007
OH-WV-0040	Complete NDA Cap Installation	NDA-1	12/30/2008		12/11/2008
OH-WV-0013	Receive DOE Direction for Disposition of TRU	LWD-1	03/04/2009		12/31/2008
OH-WV-0040	North Plateau Plume Characterization / Sampling	NPS-1	10/31/2009		12/01/2008
OH-WV-0040	Hot Acid Cell Demo Ready	MPPB-3	03/30/2010	06/30/2009	06/30/2009
OH-WV-0040	MPPB Demo Plan Approved	MPPB-1	10/28/2010	08/01/2011	07/31/2009
OH-WV-0040	Acid Recovery Cell Demo Ready	MPPB-2	06/24/2009	10/15/2009	10/21/2009
OH-WV-0013	Railroad Repairs / Upgrades Complete	LDW-3	09/01/2010	12/18/2009	12/18/2009
OH-WV-0040	XC3 Demo Ready	MPPB-5	10/06/2009	12/31/2009	12/31/2009

4	Milestones to Complete
9	Milestones Completed
13	Milestones Total

1) Risks Not Yet Included in WVDP-473 (Base Contract):

No new risks were identified in the prior reporting period.

2) Realized Risks (Base Contract):

See table below for a list of risks that have occurred in the prior reporting period (or previously realized risks whose resolution is still pending).

Related Risk # (WVDP-473, Revision 5)	Risk Title	Detailed Description of Event	Date Risk Realized	Date Change Paper Submitted	Approval Date
24	Unanticipated Challenges Encountered During Mitigation of Groundwater Infiltration into 8D-2 Vault	Due to radiological dose encountered around the M-8 pit, a modified approach is being pursued. Chemical grout will be injected into the areas around the M-8 pit taking advantage of the existing excavations. A meeting with a specialty subcontractor was held 11/02/09 to initiate this effort. Mitigation actions to recover cost and schedule impacts to be evaluated	October 27, 2009	If necessary. Mitigation being pursued to recover cost and schedule impacts.	Pending
24	Unanticipated Challenges Encountered During Mitigation of Groundwater Infiltration into 8D-2 Vault	M-8 pump pit excavation was halted to address sheen on the water surface. Work remained on hold as organic separation components were acquired and an organic removal system set up at the M8 pump pit. A sample of the effluent was then obtained and sent off-site for analysis to ensure that the liquids were compatible with the SPDES permit. Although results of the analysis indicated that the liquid can continue to be routed to the interceptor, additional unexpected costs were incurred and time lost due to this unanticipated challenge. Mitigation actions to recover cost and schedule impacts to be evaluated	September 15, 2009	If necessary. Mitigation being pursued to recover cost and schedule impacts.	Pending
8b	Issues with WIR Determinations	Melter WIR determination was needed by April 2009. Will likely realize schedule impact / contract change.	May 2009	Pending	Pending
9a	Surprises in the As-Built Engineering of the Facilities Lead to Operational Upset	Risk realized late May 2009. Engineering drawings on the Reboiler in XC-3 indicated a thickness of 1/4 inches. During preparations for removal of the Reboiler, it was discovered that the actual thickness was 1 ½ inches. Planning is currently underway to identify mitigation actions that can recover the additional time and cost impacts due to the changed condition. To avoid the added costs/delays associated with making modifications to the existing container and changing the planned waste handling methods (from CH-TRU to RH-TRU), the project team is planning to implement plasma cutting to size reduce the vessel.	May 2009	If necessary. Mitigation being pursued to recover cost and schedule impacts.	Pending
10	Uncertainty in Annual Budget Authorization Level	WVES has been informed that projected funding for FY10 and FY11 is currently below expected levels. Currently evaluating reduced funding in the context of ARRA work activities. Bottoms-up EACs were completed and a revised baseline incorporating the funding constraint is being prepared for DOE approval.	May 2009	Pending	Pending

Related Risk # (WVDP-473, Revision 5)	Risk Title	Detailed Description of Event	Date Risk Realized	Date Change Paper Submitted	Approval Date
21	Contaminated Soils Encountered During NDA Cap Construction	In mid-October 2008, during embankment work on the northeast corner of the NDA, Pangea encountered contaminated soil/vegetation while working on Basin 3. The contamination encountered will result in the need to containerize and disposition the soil and vegetation, adding unanticipated time and cost to the project. Additionally, cost will be added for the management, transportation, and disposal of the radioactive waste that is containerized. The volume of waste is not extremely significant so S-10 boxes will be utilized instead of intermodals. Impacts are being quantified (potential change # 09-002).	October 2008	Request for Equitable Adjustment (REA) issued April 2, 2009 (WD:2009-0113)	REA approval pending
36	Cost and Pricing Impacts Due to Changing Economic Conditions – NDA Cap Project	The NDA Cap Construction contractor experienced cost increases due to the dramatic increase in fuel prices during the period between the submittal of the proposal and the performance of the work, affecting delivery costs and equipment operations costs. Additional cost increases were realized due to the dramatic increase in petroleum prices during this period. This resulted in a cost increase for the geo-membrane material, which is manufactured using petroleum products.	September 2008	September 19, 2008 (CBB:2008-011) CBB Denied by DOE 10/09/08 REA issued April 2, 2009 (WD:2009-0113)	REA approval pending
22	Adverse Weather Impacts NDA Cap Installation	Since the excavation began in May 2008, there have been numerous and significant weather-related delays and impacts to the NDA Cap project. 1. Significant rainfall the last two weeks in June delayed the excavation for the slurry wall at the NDA. 2. Excavation for the slurry wall resumed Thursday, July 17, and continued into the weekend until thunderstorms forced the work to cease with 60 feet remaining to complete the wall. 3. Repairs to silt fencing were performed as required as a result of the large amount of rainfall over the weekend. The area received nearly 2.5" of rain with over 2" on Saturday and 1" of that coming in less than an hour. Inspection and maintenance of the fence will continue. 4. Work was performed to deal with the excessive amount of rainwater collected in the dike areas, and to begin to dry the soil out. This was followed by thunderstorms on Tuesday July 22, which shut work down again.	May – July 2008	September 19, 2008 (CBB:2008-011) CBB Denied by DOE 10/09/08 REA issued April 2, 2009 (WD:2009-0113)	REA approval pending

Related Risk # (WVDP-473, Revision 5)	Risk Title	Detailed Description of Event	Date Risk Realized	Date Change Paper Submitted	Approval Date
21	Contaminated Soils Encountered During NDA Cap Construction	In June 2008, during removal of the concrete retaining wall along the edge of the NDA near where the IWSF pad was located, contamination was encountered on the blocks, brush, and soil in the area. Additionally, contamination was encountered during the removal of several drainage pipes/culverts around the perimeter of the NDA.	June 2008	September 19, 2008 (CBB:2008-011) CBB Denied by DOE 10/9/08 REA issued April 2, 2009 (WD:2009-0113)	REA approval pending

3) Closed-out (Eliminated) Risks (Base Contract):

No additional risks were closed/eliminated in the prior reporting period or are no longer applicable.

West Valley Demonstration Project
Monthly Shipping Report

Waste for Which A Request to Ship Ram was Submitted and Approved

Shipping Site	Waste Description	Receiving Facility	Mode	Number of Shipments	Package Types	Total Volume	Unit
N/A	N/A	N/A	N/A	0	N/A	0	

No Shipments
 Requested in January
 2010

Actual Waste Shipped for the Month

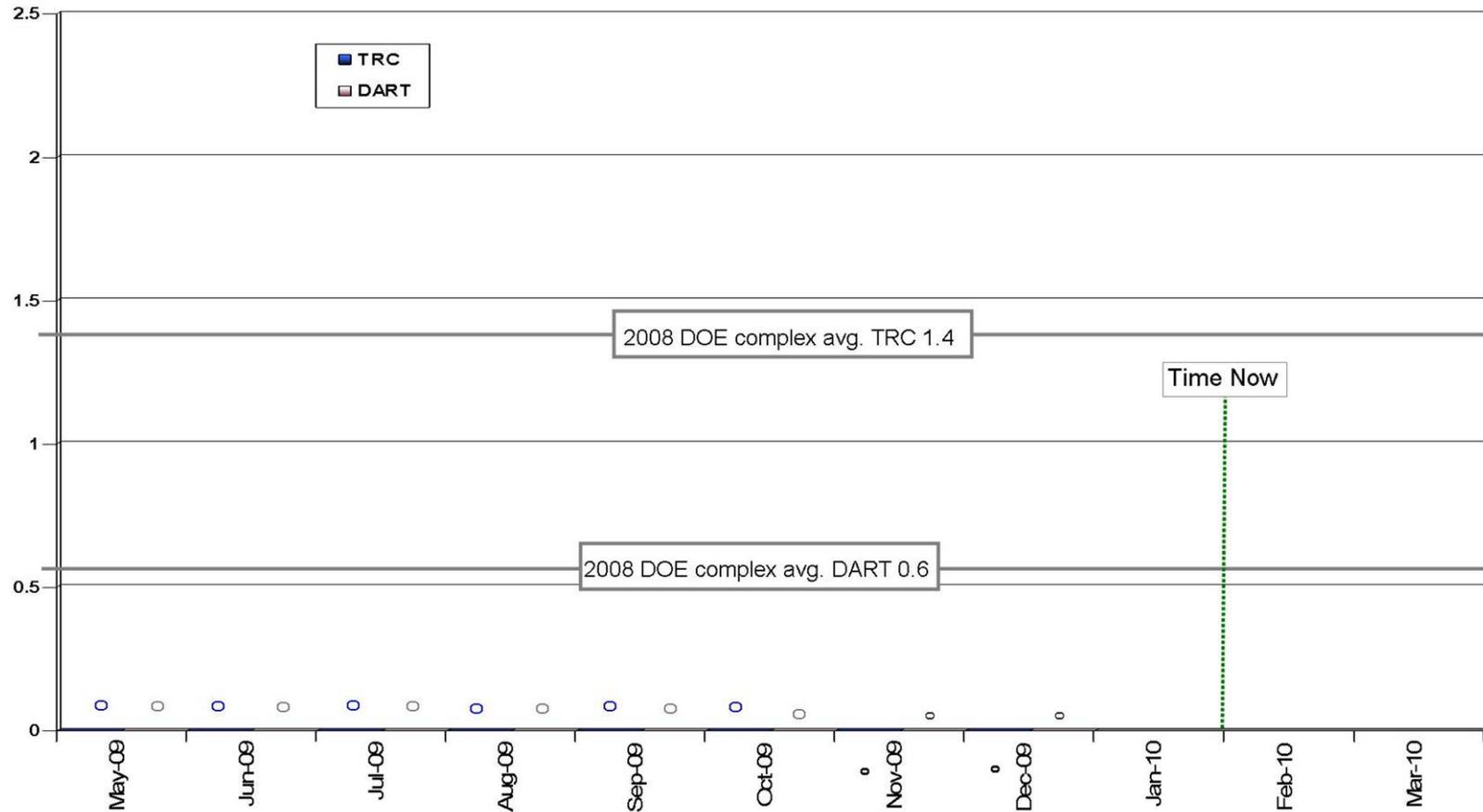
Shipment Date	Waste Description	Receiving Facility	Mode	Number of Shipments	Package Types	Manifested Volume (ft3)	Manifested Volume (m3)	Legacy Waste (ft3)	Legacy Waste (m3)	Remediation (ft3)	Remediation (m3)	ARRA (ft3)	ARRA (m3)	Approval #
N/A	N/A	N/A	N/A	0	N/A	0	0.0	0	0	0	0	0	0	N/A
Total Calendar Month Shipping Quantity				0	Total	0	0	0	0	0	0	0	0	
N/A	from Calendar Dec	Add for EVMS		0		0								
N/A	from Calendar February	Add for EVMS		0		0								
Total Earned Value Shipping Quantity	EVMS - Accounting Month: Began on 1/2/10 & Closed on 1/28/10			0	Total	0	0	0	0	0	0	0	0	

EVMS - Earned Value Management System

To date Total 74,121 2,099 33,713 955 0 0

ARRA Monthly Safety Performance

WVDP ARRA Safety Performance Cumulative Project to Date January 2010



Current Status: Total Recordable Case (TRC) Rate: 0.0

Current Status: Days Away, Restricted, Transferred Rate (DART) Rate: 0.0

ARRA Monthly Performance Analysis Summary:

Project Baseline Summary OH-WV-1000 American Recovery and Reinvestment Act (ARRA) Activities:

Employment and Training

The last group of ARRA operations and supervisory personnel completed their site operator qualification, leading to mandatory health and safety training in January. Two employees were deployed into the field to begin ARRA related work activities. The remaining employees will finalize their qualification in February for work detail deployment.

ARRA Schedule Analysis

The ARRA work scope has milestones associated with each scope. The Main Plant Liquids Solidification currently is -40 days behind the scheduled completion milestone date of September 30, 2010. The baseline schedule is being reviewed for activities that can be accomplished in parallel and will be aligned through the change control process to meet the contract September 30, 2010 commitment. The Tank and Vault Drying System final design review is -15 days behind schedule as there was delay with the subcontract engineering firm. The design review is scheduled for the second week of February. The 01-14 building demolition still has 4 days total float against the milestone completion date of October 31, 2010, however, WVES has put this work on hold pending finalization of a revised baseline plan associated with contract completion by June 30, 2011

PBS OH-WV-0013.R1 - ARRA Solid Waste Stabilization and Disposition

Accelerate Contact Handled-Transuranic/Low-Level (CH-TRU/LL) Waste Processing and Repackaging

In the Waste Packaging Area (WPA), processing of CH-TRU continued with 620 cubic feet processed in January.

PBS OH-WV-0040.R1 - ARRA Nuclear Facility Decontamination & Dismantlement- Main Plant Process Building (Capital Asset Project)

Decontamination workers and subcontract specialists completed concrete core drilling into the Off-Gas Cell from the Off-Gas Aisle, and obtained radiological survey readings near the floor level of the cell in preparation for decontamination activities. WVES workers started the decommissioning activities in the Off-Gas Aisle (OGA) in preparation for working in the Off-Gas Cell. Workers also completed the first entry into the Liquid Waste Cell since the 1970's to collect initial radiological data to support ongoing work efforts. WVES completed the steam line isolations in the Lower Extraction Aisle (LXA) and continued the electrical system dismantling in the Process Crane Room (PRC), Upper Extraction Aisle (UXA), the Off-Gas Aisle (OGA), and the Mass Spec. Laboratory. Asbestos Containing Material (ACM) removal in the Chemical Access Aisle (CAA), the Control Room, the General Operating Aisle (GOA), and the Utility Room was completed.

PBS OH-WV-0040.R2 - ARRA Nuclear Facility Decontamination & Dismantlement

ARRA Contaminated Waste Shipping

Waste operations workers are preparing and coordinating the planned shipment of MPPB ARRA Radioactive Waste to Energy Solutions on February 23, 2010. WVES waste personnel drafted the Scope of Work requirements for procuring a Rail Broker for packaging and shipping Radioactive Wastes from the planned Permeable Treatment Wall soil excavations via rail at the WVDP. The Scope of Work is being reviewed.

MPPB Liquid Waste Solidification System

The Conceptual Design of the Main Plant Liquid Solidification System was completed in January. The Solids Handling System contract awarded and preliminary design was reviewed. The waste form recipe development surrogate, test procedure, and Quality Assurance plan were approved and the surrogate recipe trials are to commence in February.

Tank and Vault Drying System (T&VDS)

Following a second mock-up that used updated installation methods from the earlier mock-up, the ventilation adapter was installed on the Permanent Ventilation System (PVS) inlet plenum adapter for connection of the temporary ventilation lines and dryer regeneration flow. Installation of the temporary ventilation lines to Tanks 8D-1, 2, 3, and 4 continues with line installation 90% completed. The equipment area in the PVS Building has been cleared of equipment to make way for dryer system installation. The long-lead rotary wheel dryer assembly has been ordered. The final design package for the T&VDS has been received and the final design review is scheduled for February 22.

North Plateau Groundwater Plume

A contract was placed with a drilling company to provide drilling services associated with installation of the PTW. The first of three drilling-support activities will begin in February 2010. The zeolite procurement process has been initiated with a contract targeted to be placed in February 2010. WVDP-destined production is targeted to start in March 2010 with first delivery targeted in April 2010. Delivery of the approximately 2000 "supersacks" of zeolite is targeted to be completed in July 2010. Planning associated with zeolite receipt, unloading, inspection, and storage was initiated in January. The General contractor and trencher procurement planning activities were initiated with prequalification to be solicited in February 2010 (prior to release of the final design in March 2010 and RFP distribution in April) to, in part, decrease risk of unavailability of resources based on the current expedited installation schedule.

01-14 Building

WVES has suspended 01-14 work pending finalization of a revised baseline plan associated with contract completion by June 30, 2011.

ARRA Performance:**PBS OH-WV-0013 R.1 Project Status is Red**

The cumulative January FY2010 performance analysis for PBS OH-WV-0013R.1 indicates a negative cumulative \$372K SV and a negative \$761K CV.

Explanation of Schedule Variance:

The negative \$372K cumulative schedule variance is primarily a productivity differential due to the necessity of performing work in “bubble suits” for Category 2 type waste processing activities, which takes longer than the regular suit-ups that were included as the planning basis for the work.

Explanation of Cost Variance:

The negative \$761K cumulative cost variance is primarily labor related overruns due to Category 2 type waste processing activities which required more resources and took longer than planned, causing additional labor costs to be incurred. Additionally, production in the Waste packaging Area (WPA) has lagged planned productivity rates due to processing of contaminated “glove-boxes” which were more complicated and time consuming than the typical waste stream.

Corrective Action Planned/Taken:

Productivity is expected to increase with processing of the Product Purification Cell-South (PPC-S) vessels and debris waste streams, which are expected to be less challenging and should allow for realization of planned productivity rates. Work documents have been developed for continued utilization of “bubble suit” entries required for future entries of this nature.

Progress Toward and Estimated Completion of Recovery:

In addition to the “bubble suit” work documents, a staggering of the ARRA work crews with Baseline crews to facilitate preparation activities in a more efficient manner in the WPA has increased the amount of processing being accomplished per entry.

PBS OH-WV-0040 R1.1 Project Status is Green

The cumulative January FY2010 performance indicates a negative cumulative \$941K SV and a cumulative positive \$564K CV.

Explanation of Schedule Variance: The negative \$941K SV is due to Liquid Waste Cell Area, Analytical Cells, and General Plant decontamination activities that have been delayed due to D&D labor resource constraints associated with needing to complete training and qualifications of recently hired personnel. Four work crews were planned and two work crews have been deployed through December. An additional crew was deployed in January following completion of training in December.

Corrective Action Planned/Taken: Management approved and hired additional D&D resources in November. These personnel are in the final stages of training and obtaining necessary qualifications prior to working in hazardous conditions.

Progress Toward and Estimated Completion of Recovery: The training of the additional D&D personnel is ongoing and the workforce will be deployed once training is completed.

PBS OH-WV-0040 R1.2 Project Status is Green

The cumulative January FY2010 performance analysis for this PBS indicates a negative cumulative SV of \$755K and a cumulative negative \$538K CV.

Explanation of Schedule Variance: Significant elements of the negative \$755K SV include development of the liquid waste decontamination system which is behind schedule by \$304K and decontamination and dismantlement activities for the 01-14 Off-gas Facility which are \$321K behind schedule. Liquid waste decontamination engineering and procurement activities are behind schedule due to the six week delay in placement of the design subcontract, and 01-14 Off-Gas Facility activities have been suspended while management addresses the path forward for contract scope completion priorities with DOE. Consequently, newly generated contaminated disposition activities associated with 01-14 Facility decontamination wastes are also \$258K behind schedule due to the suspended work on 01-14 D&D.

Explanation of Cost Variance:

The cumulative negative \$538K CV is comprised primarily of \$249K in project support costs and \$388K in Tank and Vault Drying System Design costs. The project support over-run is primarily additional labor since experienced WVES decontamination workers were added to the training activities to help facilitate newly hired ARRA personnel's understanding of work place duties and hazards, including new subcontract radiation protection technicians. The Tank and Vault Drying System Design over-runs are primarily due to unplanned relocations of temporary enclosures on the tank farm and the connection to the Permanent Ventilation System (PVS) plenum which took more resources than planned. The temporary ventilation connections to the PVS plenum were made using a specially designed glove box instead of individual "hot taps". Heat tracing of the temporary ventilation lines was added for weather protection purposes. Extensive installation "mock-ups" to reduce exposures to in-field workers on the PVS plenum adapter installation and related unplanned fabrications also contributed to the CV but are considered prudent expenditures designed to achieve favorable ALARA results.

Corrective Action Planned/Taken: The cost variance is a near-term issue attributed to starting of the design/build subcontract for the Tank and Vault Drying System and it is expected to be eliminated as the subcontract performance tracks to planned scope. Subcontract engineering has been reduced.

Progress Toward and Estimated Completion of Recovery: WVES monitors performance on a monthly basis to track expected improvements in subcontract performance. However, scope curtailments are part of the near-term strategy until there is a determination regarding outstanding contract issues.

TOTAL PROJECT EARNED VALUE REPORT ARRA		FY 2009	FY 2009	FY 2009	Oct	Nov	Dec	Jan	Feb	Mar	April	May	June	July	Aug	Sept	FY 2010	FY 2010	FY 2010	FY 2009-11	FY 2009-11	FY 2009-11	
		BAC	EAC	VAC														BAC	EAC	VAC	BAC	EAC	VAC
Total American Recovery and Reinvestment Act	Planned Value	6,805	7,091	(286)	2,054	2,344	3,668	3,014	2,848	3,701	3,384	3,346	3,911	3,227	3,349	4,051	39,359	37,536	1,824	65,970	74,762	(8,792)	
	Earned Value				2,929	1,757	2,881	2,632															
	Actual Cost		7,091		2,222	1,852	2,516	2,791													9,380		
	SPI - Monthly				1.43	0.75	0.79	0.87															
	CPI - Monthly				1.32	0.95	1.15	0.94															
	Est To Complete				-	-	-	-	2,812	3,607	2,655	3,811	4,301	3,830	3,520	3,617					28,153		
	Bud At Complete				39,359	39,359	39,359	39,359	39,359	39,359	39,359	39,359	39,359	39,359	39,359	39,359	39,359						
	Est at Complete		7,091		37,551	37,551	37,551	37,536	37,536	37,536	37,536	37,536	37,536	37,536	37,536	37,536	37,536				37,533		
PBS OH-WV-0013R1-Solid Waste Stabilization & Disposition	Planned Value	306	819	(427)	272	245	307	357	366	457	366	366	150	120	-	-	3,005	2,826	179	3,311	4,117	(806)	
	Earned Value				316	199	104	190															
	Actual Cost		820		468	205	111	385													1,169		
	SPI - Monthly				1.16	0.81	0.34	0.53															
	CPI - Monthly				0.67	0.97	0.94	0.49															
	Est To Complete				-	-	-	-	251	674	169	564	-	-	-	-					1,656		
	Bud At Complete				3,005	3,005	3,005	3,005	3,005	3,005	3,005	3,005	3,005	3,005	3,005	3,005	3,005						
	Est at Complete		820		2,826	2,826	2,826	2,826	2,826	2,826	2,826	2,826	2,826	2,826	2,826	2,826	2,826				2,826		
112100 LEGACY WASTE PROCESS AND REPACKAGING	Planned Value	306	707	(401)	272	245	307	357	366	457	366	366	150	120	-	-	3,005	2,826	179	3,311	4,117	(806)	
	Earned Value				316	199	104	190															
	Actual Cost		707		468	205	111	385													1,169		
	SPI - Monthly				1.16	0.81	0.34	0.53															
	CPI - Monthly				0.67	0.97	0.94	0.49															
	Est To Complete				-	-	-	-	251	674	169	564	-	-	-	-					1,656		
	Bud At Complete				3,005	3,005	3,005	3,005	3,005	3,005	3,005	3,005	3,005	3,005	3,005	3,005	3,005						
	Est at Complete		707		2,826	2,826	2,826	2,826	2,826	2,826	2,826	2,826	2,826	2,826	2,826	2,826	2,826				2,826		
PBS- 40 OH-WV-0040R1.1 - Nuclear Facility D&D Main Plant Process Building (Capital Asset Project)	Planned Value	2,213	2,301	(88)	1,369	1,393	2,541	1,895	1,594	1,945	1,417	1,435	1,786	1,372	1,327	1,653	19,727	17,271	2,456	31,131	35,230	(4,099)	
	Earned Value				1,918	1,010	2,142	2,061															
	Actual Cost		2,301		968	1,004	1,909	1,926													5,807		
	SPI - Monthly				1.40	0.72	0.84	1.09															
	CPI - Monthly				1.98	1.01	1.12	1.07															
	Est To Complete				-	-	-	-	1,255	1,444	1,225	1,459	2,282	1,280	1,086	1,435					11,463		
	Bud At Complete				19,727	19,727	19,727	19,727	19,727	19,727	19,727	19,727	19,727	19,727	19,727	19,727	19,727						
	Est at Complete		2,301		17,271	17,271	17,271	17,271	17,271	17,271	17,271	17,271	17,271	17,271	17,271	17,271	17,271				17,271		
113100 ARRA MAIN PLANT PROCESS BUILDING	Planned Value	2,213	2,301	(88)	1,369	1,393	2,541	1,895	1,594	1,945	1,417	1,435	1,786	1,372	1,327	1,653	19,727	17,271	2,456	31,131	35,230	(4,099)	
	Earned Value				1,918	1,010	2,142	2,061															
	Actual Cost		2,301		968	1,004	1,909	1,926													5,807		
	SPI - Monthly				1.40	0.72	0.84	1.09															
	CPI - Monthly				1.98	1.01	1.12	1.07															
	Est To Complete				-	-	-	-	1,255	1,444	1,225	1,459	2,282	1,280	1,086	1,435					11,463		
	Bud At Complete				19,727	19,727	19,727	19,727	19,727	19,727	19,727	19,727	19,727	19,727	19,727	19,727	19,727						
	Est at Complete		2,301		17,271	17,271	17,271	17,271	17,271	17,271	17,271	17,271	17,271	17,271	17,271	17,271	17,271				17,271		
PBS- 40 OH-WV-0040R1.2 - Nuclear Facility D&D	Planned Value	4,199	3,970	229	413	705	821	762	888	1,300	1,601	1,545	1,975	1,735	2,022	2,398	16,627	17,439	(812)	31,527	35,412	(3,885)	
	Earned Value				694	548	634	381															
	Actual Cost		3,970		785	643	496	480													2,404		
	SPI - Monthly				8.73	0.78	0.77	0.50															
	CPI - Monthly				(5.63)	0.85	1.28	0.79															
	Est To Complete				-	-	-	-	1,396	1,490	1,262	1,789	2,020	2,551	2,434	2,182					15,033		
	Bud At Complete				16,627	16,627	16,627	16,627	16,627	16,627	16,627	16,627	16,627	16,627	16,627	16,627	16,627						
	Est at Complete		3,970		17,454	17,454	17,454	17,439	17,439	17,439	17,439	17,439	17,439	17,439	17,439	17,439	17,439				17,437		
111000 ARRAPROJECT SUPPORT	Planned Value	2,114	2,476	(362)	82	50	62	50	50	62	50	50	62	50	50	60	1,031	600	431	3,273	3,648	(375)	
	Earned Value				85	46	111	49															
	Actual Cost		2,476		71	23	79	4													178		
	SPI - Monthly				1.04	0.93	1.79	0.98															
	CPI - Monthly				1.19	2.02	1.40	11.65															
	Est To Complete				-	-	-	-	55	66	47	47	53	47	47	60					422		
	Bud At Complete				1,031	1,031	1,031	1,031	1,031	1,031	1,031	1,031	1,031	1,031	1,031	1,031	1,031						
	Est at Complete		2,476		624	600	600	600	600	600	600	600	600	600	600	600	600				600		
112300 NEWLY GENERATED RAD WASTE DISPOSITION	Planned Value	86	112	(26)	103	167	228	182	182	228	211	213	235	390	681	910	3,731	4,901	(1,170)	10,030	9,984	46	
	Earned Value				34	28	36	30															
	Actual Cost		112		71	37	116	22													114		
	SPI - Monthly				0.33	0.17	0.16	0.17															
	CPI - Monthly				0.48	0.76	(2.22)	1.38															
	Est To Complete				-	-	-	-	249	241	213	826	837	799	802	819					4,787		
	Bud At Complete				3,731	3,731	3,731	3,731	3,731	3,731	3,731	3,731	3,731	3,731	3,731	3,731	3,731						
	Est at Complete		112		4,901	4,901	4,901	4,901	4,901	4,901	4,901	4,901	4,901	4,901	4,901	4,901	4,901				4,901		
113110 ARRA MPPB LIQUID WASTE SOLIDIFICATION SYSTEM	Planned Value	498	257	241	120	123	178	196	254	372	289	259	288	181	181	258	2,699	3,006	(307)	3,591	4,036	(445)	
	Earned Value				124	64	128	49															

TOTAL PROJECT EARNED VALUE REPORT ARRA		FY 2009	FY 2009	FY 2009	Oct	Nov	Dec	Jan	Feb	Mar	April	May	June	July	Aug	Sept	FY 2010	FY 2010	FY 2010	FY 2007-11	FY 2007-11	FY 2007-11	
		BAC	EAC	VAC													BAC	EAC	VAC	BAC	EAC	VAC	
114300 ARRA NORTH PLATEAU GROUNDWATER PLUME	Planned Value	103	99	4	68	66	83	66	63	79	64	72	221	322	363	508	1,976	1,693	282	3,898	7,086	(3,188)	
	Earned Value				74	76	74	24															
	Actual Cost		99		28	114	31	42													216		
	SPI - Monthly				1.10	1.15	0.89	0.36															
	CPI - Monthly				2.67	0.67	2.38	0.57															
	Est To Complete		-						65	70	74	108	200	395	352	214					1,478		
	Bud At Complete				1,976	1,976	1,976	1,976	1,976	1,976	1,976	1,976	1,976	1,976	1,976	1,976	1,976						
Est at Complete		99		1,693	1,693	1,693	1,693	1,693	1,693	1,693	1,693	1,693	1,693	1,693	1,693	1,693							
116300 ARRA 01-14 FACILITY REMOVAL	Planned Value	135	187	(52)	122	67	87	151	160	196	157	133	196	339	339	411	2,358	2,161	197	2,820	2,679	140	
	Earned Value				95	57	33	28															
	Actual Cost		187		69	72	18	61													221		
	SPI - Monthly				0.78	0.85	0.38	0.18															
	CPI - Monthly				1.37	0.80	1.79	0.45															
	Est To Complete		-						159	187	167	127	126	389	389	396					1,940		
	Bud At Complete				2,358	2,358	2,358	2,358	2,358	2,358	2,358	2,358	2,358	2,358	2,358	2,358	2,358						
Est at Complete		187		2,161	2,161	2,161	2,161	2,161	2,161	2,161	2,161	2,161	2,161	2,161	2,161	2,161							
116620 ARRA BOSF FOUNDATION REMOVAL	Planned Value	83	34	50	(50)												(50)	5	(55)	33	39	(5)	
	Earned Value				(44)		25																
	Actual Cost		34		-	5															5		
	SPI - Monthly				0.89																		
	CPI - Monthly																						
	Est To Complete		-																				
	Bud At Complete				(50)	(50)	(50)	(50)	(50)	(50)	(50)	(50)	(50)	(50)	(50)	(50)	(50)						
Est at Complete		34		-	5	5	5	5	5	5	5	5	5	5	5	5				5			
116800 ARRA ISOLATE LAGOONS	Planned Value	23	2	21	(21)												(21)		(21)	2	1	1	
	Earned Value						2																
	Actual Cost		2																				
	SPI - Monthly																						
	CPI - Monthly																						
	Est To Complete		-																				
	Bud At Complete				(21)	(21)	(21)	(21)	(21)	(21)	(21)	(21)	(21)	(21)	(21)	(21)	(21)						
Est at Complete		2		-	-	-	-	-	-	-	-	-	-	-	-	-							

Note: The Estimate to Complete (EAC) includes the estimated costs for processing Tank 8D-4 liquids and 01-14 Building demolition as currently required per the contract. However, based on recently obtained tank sampling data and as part of the Projects' expected resolution of baseline funding issues, these scopes are not being planned to be performed during the contract period.

COST PERFORMANCE REPORT - FORMAT 1
ARRA

FULL-TIME...

PAGE 1

1. CONTRACTOR		2. CONTRACT		3. PROGRAM		4. REPORT PERIOD	
a. NAME West Valley Environmental		a. NAME West Valley Demonstration		a. NAME		a. FROM (YYYY/MM/DD) 2010/01/02	
b. LOCATION (Address and ZIP Code) 10282 Rock Springs Road West Valley, NY 14171		b. NUMBER DC-AC30-07CC30000				b. TO (YYYY/MM/DD) 2010/01/29	
		c. TYPE	d. SHARE RATIO	b. PHASE (X one) <input type="checkbox"/> RDT&E <input type="checkbox"/> PRODUCTION			

5. CONTRACT DATA							
a. QUANTITY 0	b. NEGOTIATED COST 70,208	c. EST. COST OF AUTH. UNPRICED WORK 0	d. FEE % / TARGET PROFIT 3,666	e. TARGET PRICE 73,875	f. ESTIMATED PRICE 0	g. CONTRACT CEILING 0	h. ESTIMATED CONTRACT CEILING 0

6. ESTIMATED COST AT COMPLETION				7. AUTHORIZED CONTRACTOR REPRESENTATIVE			
	MANAGEMENT ESTIMATE AT COMPLETION (1)	CONTRACT BUDGET BASE (2)	VARIANCE (3)	a. NAME (Last, First, Middle Initial) Wigton, David C		b. TITLE Project Integration Mgr	
a. BEST CASE	74,763			c. SIGNATURE 		d. DATE SIGNED (YYYY/MM/DD) 2010/03/03	
b. WORST CASE	74,763						
c. MOST LIKELY	74,763	70,208	-4,554				

8. PERFORMANCE DATA														
WVDP CONTROL...	DESCRIPTION (1)	CURRENT PERIOD					CUMULATIVE TO DATE					AT COMPLETION		
		BUDGETED COST		ACTUAL COST WORK PERFORMED (4)	VARIANCE		BUDGETED COST		ACTUAL COST WORK PERFORMED (9)	VARIANCE		BUDGETED (12)	ESTIMATED (13)	VARIANCE (14)
		WORK SCHEDULED (2)	WORK PERFORMED (3)		SCHEDULED (5)	COST (6)	WORK SCHEDULED (7)	WORK PERFORMED (8)		SCHEDULED (10)	COST (11)			
111000	111000 ARRA PROJECT SUPPORT	49	48	4	-1	44	2,356	2,404	2,653	47	-248	3,272	3,648	-376
112100	112100 ARRA LEGACY WASTE PROCESS AND REPACK	356	189	384	-167	-194	1,487	1,115	1,876	-371	-761	3,311	4,117	-805
112300	112300 ARRA NEWLY GENERATED RAD WASTE DISPOS	182	30	21	-152	8	765	214	225	-551	-11	10,029	9,984	44
113100	113100 ARRA MAIN PLANT PROCESS BUILDING	1,894	2,061	1,925	166	135	9,410	8,762	8,108	-648	654	31,131	35,230	-4,098
113110	113110 ARRA MPPB LIQUID WASTE SOLIDIFICATION...	196	49	136	-146	-87	1,114	811	664	-303	146	3,591	4,036	-444
113300	113300 ARRA ACCELERATION OF D3 VIT FACILITY	0	0	-7	0	7	85	85	77	0	7	85	85	0
113400	113400 ARRA TANK AND VAULT DRYING SYSTEM	116	201	221	84	-20	1,598	1,713	2,101	114	-388	7,795	7,854	-58
114300	114300 ARRA NORTH PLATEAU GROUNDWATER...	66	24	42	-42	-18	386	352	315	-34	37	3,897	7,086	-3,189
116300	116300 ARRA 01-14 FACILITY REMOVAL	150	27	61	-123	-33	561	240	408	-320	-167	2,819	2,679	139
116620	116620 ARRA BOSF FOUNDATION REMOVAL	0	0	0	0	0	33	33	38	0	-4	33	38	-5
116800	116800 ARRA ISOLATE LAGOONS	0	0	0	0	0	1	1	1	0	0	1	1	0
COST OF MONEY		0	0	0	0	0	0	0	0	0	0	0	0	0
GENERAL & ADMINISTRATIVE		0	0	0	0	0	0	0	0	0	0	0	0	0
UNDISTRIBUTED BUDGET												0	0	0
SUBTOTAL (Performance Measurement Baseline)		3,013	2,632	2,791	-381	-158	17,802	15,735	16,470	-2,067	-735	65,969	74,763	-8,793
MANAGEMENT RESERVE												4,238		
TOTAL		3,013	2,632	2,791	-381	-158	17,802	15,735	16,470	-2,067	-735	70,208		

COST PERFORMANCE REPORT - FORMAT 2
ARRA

FULL-TIME...

PAGE 1

1. CONTRACTOR		2. CONTRACT		3. PROGRAM		4. REPORT PERIOD	
a. NAME West Valley Environmental		a. NAME West Valley Demonstration		a. NAME		a. FROM (YYYY/MM/DD) 2010/01/02	
b. LOCATION (Address and ZIP Code) 10282 Rock Springs Road West Valley, NY 14171		b. NUMBER DE-AC30-07CC30000				b. TO (YYYY/MM/DD) 2010/01/29	
		c. TYPE	d. SHARE RATIO	b. PHASE (X one) <input type="checkbox"/> RDT&E <input type="checkbox"/> PRODUCTION			

5. PERFORMANCE DATA														
CAM	DESCRIPTION (1)	CURRENT PERIOD					CUMULATIVE TO DATE					AT COMPLETION		
		BUDGETED COST		ACTUAL COST WORK PERFORMED (4)	VARIANCE		BUDGETED COST		ACTUAL COST WORK PERFORMED (9)	VARIANCE		BUDGETED (12)	ESTIMATED (13)	VARIANCE (14)
		WORK SCHEDULED (2)	WORK PERFORMED (3)		SCHEDULED (5)	COST (6)	WORK SCHEDULED (7)	WORK PERFORMED (8)		SCHEDULED (10)	COST (11)			
DG	Dave Garber	0	0	-7	0	7	118	118	115	0	3	118	123	-5
DM	Dan Meess	116	201	221	84	-20	1,598	1,713	2,101	114	-388	7,795	7,854	-58
JB	Jim Baker	49	48	4	-1	44	2,358	2,406	2,655	47	-248	3,274	3,650	-376
JnB	John Bordini	2,045	2,089	1,987	43	101	9,972	9,003	8,516	-968	486	33,950	37,909	-3,958
JR	John Rizzo	356	189	384	-167	-194	1,487	1,115	1,876	-371	-761	3,311	4,117	-805
LC	Lettie Chilson	196	49	136	-146	-87	1,114	811	664	-303	147	3,591	4,036	-444
LM	Linda Michalczak	66	24	42	-42	-18	386	352	315	-34	37	3,897	7,086	-3,189
PL	Peggy Loop	182	30	21	-152	8	765	214	225	-551	-11	10,029	9,984	44
COST OF MONEY		0	0	0	0	0	0	0	0	0	0	0	0	0
GENERAL & ADMINISTRATIVE		0	0	0	0	0	0	0	0	0	0	0	0	0
UNDISTRIBUTED BUDGET												0	0	0
SUBTOTAL (Performance Measurement Baseline)		3,013	2,632	2,791	-381	-158	17,802	15,735	16,470	-2,067	-735	65,969	74,763	-8,793
MANAGEMENT RESERVE												4,238		
TOTAL		3,013	2,632	2,791	-381	-158	17,802	15,735	16,470	-2,067	-735	70,208		

COST PERFORMANCE REPORT - FORMAT 3
ARRA

FULL-TIME...

PAGE 1

1. CONTRACTOR		2. CONTRACT		3. PROGRAM		4. REPORT PERIOD										
a. NAME West Valley Environmental		a. NAME West Valley Demonstration		a. NAME		a. FROM (YYYY/MM/DD) 2010/01/02										
b. LOCATION (Address and ZIP Code) 10282 Rock Springs Road West Valley, NY 14171		b. NUMBER DE-AC30-07CC30000				b. TO (YYYY/MM/DD) 2010/01/29										
		c. TYPE	d. SHARE RATIO	b. PHASE (X one) <input type="checkbox"/> RDT&E <input type="checkbox"/> PRODUCTION												
5. CONTRACT DATA																
a. ORIGINAL NEGOTIATED COST 70,208	b. NEGOTIATED CONTRACT CHANGES 0	c. CURRENT NEGOTIATED COST (a. + b.) 70,208	d. ESTIMATED COST OF AUTHORIZED UNPRICED WORK 0	e. CONTRACT BUDGET BASE (c. + d.) 70,208	f. TOTAL ALLOCATED BUDGET 65,969	g. DIFFERENCE (e. - f.) 4,238										
h. CONTRACT START DATE (YYYY/MM/DD) 2009/05/07	i. CONTRACT DEFINITIZATION DATE (YYYY/MM/DD) 2009/09/30	j. PLANNED COMPLETION DATE (YYYY/MM/DD) 2011/06/30		k. CONTRACT COMPLETION DATE (YYYY/MM/DD) 2011/06/30	l. ESTIMATED COMPLETION DATE (YYYY/MM/DD) 2011/06/30											
6. PERFORMANCE DATA																
PROJECT	DESCRIPTION (1)	BCWS CUMULATIVE TO DATE (2)	BCWS FOR REPORT PERIOD (3)	BUDGETED COST FOR WORK SCHEDULED (BCWS) (Non-Cumulative)										UNDISTRIBUTED BUDGET (15)	TOTAL BUDGET (16)	
				SIX MONTH FORECAST						SPECIFIED PERIODS						
				FEB '10 (4)	MAR '10 (5)	APR '10 (6)	MAY '10 (7)	JUN '10 (8)	JUL '10 (9)	FY 2010 (10)	FY 2011 (11)	FY 2012 (12)	FY 2013 (13)			TO COMP. (14)
11 ARRA		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CHANGES																0
PERFORMANCE MEASUREMENT BASELINE		17,802		2,847	3,701	3,383	3,346	3,911	3,227	7,399	20,349	0	0	0	0	65,969
MANAGEMENT RESERVE																0
TOTAL																65,969

**CONTRACT PERFORMANCE REPORT
FORMAT 4 - STAFFING**

1. CONTRACTOR		2. CONTRACT		3. PROGRAM	
a. NAME West Valley Environmental Services, LLC		a. NAME West Valley Demonstration Project		a. NAME West Valley Demonstration Project	
b. LOCATION (Address and ZIP Code) 10282 Rock Springs Road West Valley, NY 14171		b. NUMBER DE-AC30-07CC30000		b. PHASE Interim End State	
		c. TYPE	d. SHARE RATIO	c. EVMS ACCEPTANCE YES (20090929)	

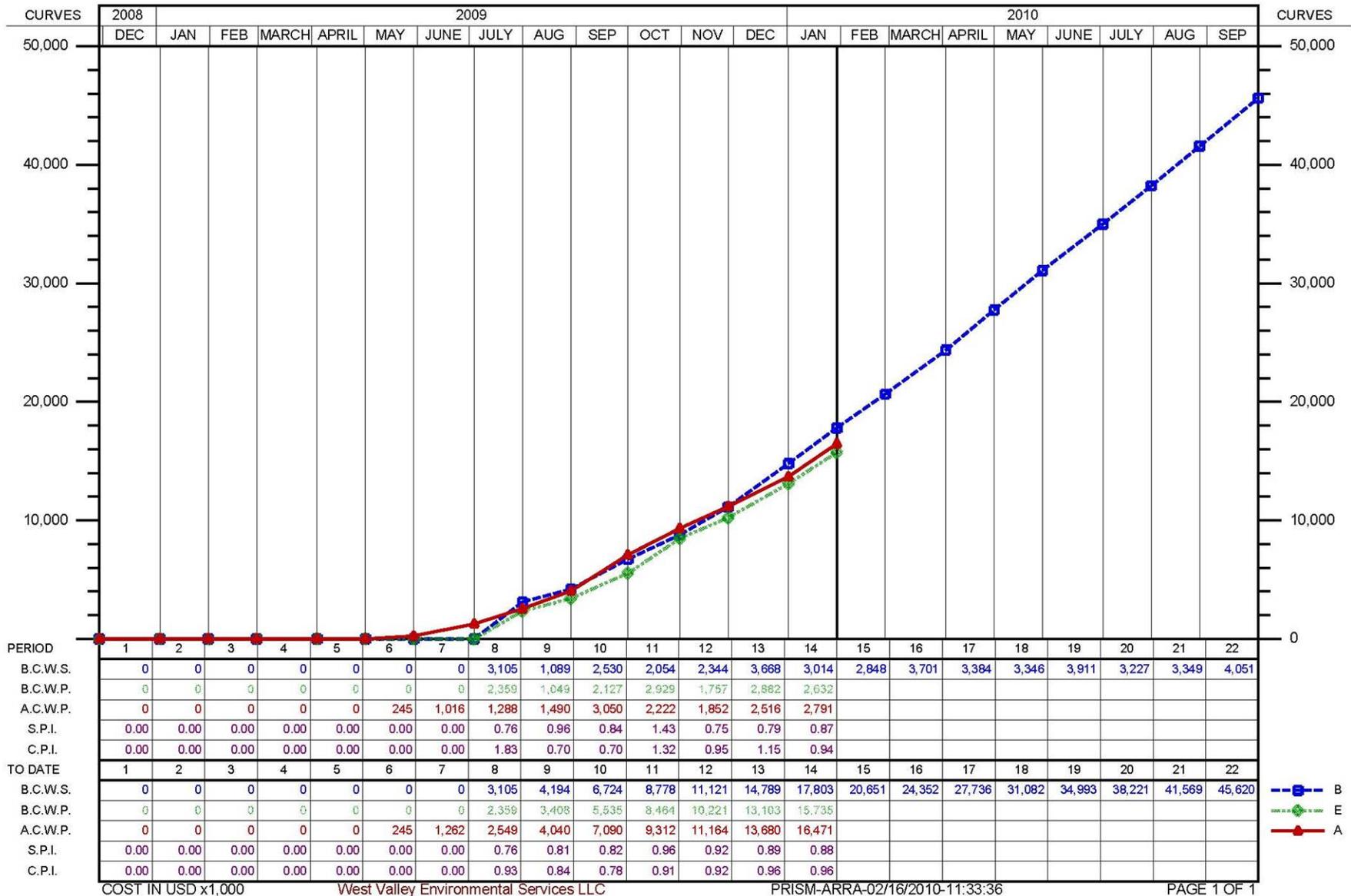
5. PERFORMANCE DATA (All figures in whole numbers)

Hours

ORGANIZATIONAL CATEGORY (1)	ACTUAL CURRENT PERIOD (2)	ACTUAL END OF CURRENT PERIOD (Cumulative) (3)	FORECAST (Non-Cumulative)											
			SIX MONTH FORECAST BY MONTH (Enter Names of Months)						ENTER SPECIFIED PERIODS					
			+1 Feb-10 (4)	+2 Mar-10 (5)	+3 Apr-10 (6)	+4 May-10 (7)	+5 Jun-10 (8)	+6 Jul-10 (9)	FY 2010 (10)	FY 2011 (11)	(12)	(13)		
ARRA														
Exempt - Hours	4,166	31,735	3,898	4,014	4,890	4,134	4,447	4,949	51,457	26,548	0			
FTE's	32	26	27	32	31	32	34	31	31	22	0			
Non-Exempt - Hours	107	818	291	341	430	359	359	487	3,401	2,388	0			
FTE's	1	1	2	3	3	3	3	3	2	2	0			
Hourly - Hours	8,857	64,377	9,793	10,543	12,893	9,253	9,774	11,765	115,814	71,605	0			
FTE's	68	53	68	78	82	71	75	78	70	58	0			
6. TOTAL DIRECT - Hours	13,130	96,930	13,982	14,898	18,213	13,746	14,580	17,201	170,672	100,541	0			0
6. TOTAL DIRECT - FTE'S	101	79	97	114	116	105	112	113	104	82	0			0

TOTAL ARRA PROJECT BUDGET BASELINE		\$ in Thousands		FY09	FY10	FY11	Totals
PBS OH-WV-1000-ARRA Scopes	Planned Value PBS Level	6,724	38,897	20,349	65,970		
	WVES G&A	-	-	-	-		
	WVES Fee	0	2,535	1,131	3,666		
	WVES CBB PBS Level	6,724	41,433	21,480	69,636		
	WVES Management Reserve	0	2,800	1,439	4,239		
	>> Total ARRA Plan PBS OH-WV-1000	6,724	44,233	22,919	73,875		
111000 ARRA Project Support	Planned Value WBS Level	2,114	675	483	3,272		
112100 ARRA Legacy Waste Process and Repackage	Planned Value WBS Level	306	3,006	-	3,312		
112300 ARRA Newly Generated Waste Disposition	Planned Value WBS Level	86	3,731	6,213	10,030		
113100 AARA Main Plant Process Building	Planned Value WBS Level	2,213	19,727	9,190	31,130		
113110 ARRA MPPB Liquid Waste Solidification System	Planned Value WBS Level	498	2,699	394	3,591		
113300 ARRA Accelerated D&D of Vitrification Facility	Planned Value WBS Level	238	(153)	-	85		
113400 ARRA Tank and Vault Drying System	Planned Value WBS Level	925	4,949	1,922	7,796		
114300 ARRA North Plateau Plume Treatment Wall	Planned Value WBS Level	103	1,976	1,819	3,898		
116300 ARRA 01-14 Facility Removal	Planned Value WBS Level	135	2,358	327	2,820		
116620 ARRA Balance of Site Facility Foundation Removal	Planned Value WBS Level	83	(50)	-	34		
116800 ARRA Isolate Lagoons	Planned Value WBS Level	23	(21)	-	2		
TOTAL ARRA PROJECT FUNDING PLAN	\$ in Thousands						
DOE Guidance Level Funding for WVES Contract	PBS OH-WV-1000	73,875	-	-	73,875		
DOE Guidance Level Funding for Other WV Contracts		-	-	-	-		
DOE American Recovery and Reinvestment Act Funding Total		73,875	-	-	73,875		
DOE DEFENSE Guidance Level Funding for WVES Contract		-	-	-	-		
Total DOE Guidance Level Funding	Ref Contract Mod #043; 5/5/09, #053; 9/3/09	73,875	-	-	73,875		
*New York State Billable Share for WVES Contract	****	-	-	-	-		
Total ARRA Guidance Level Funding with New York State (DOE and New York State)		73,875	-	-	73,875		
DELTA: >>Total ARRA Plan Requirement VS >>Total ARRA Guidance Level Funding DOE and NYS		67,151	(44,233)	(22,919)	(0)		
* DOE directed WVES to apply New York State ARRA billable amount of \$8,208K and to charge NYS Service and Credits to the WVES Base Contract.							

AMERICAN RECOVERY AND REINVESTMENT ACT TOTAL



COST IN USD x1,000

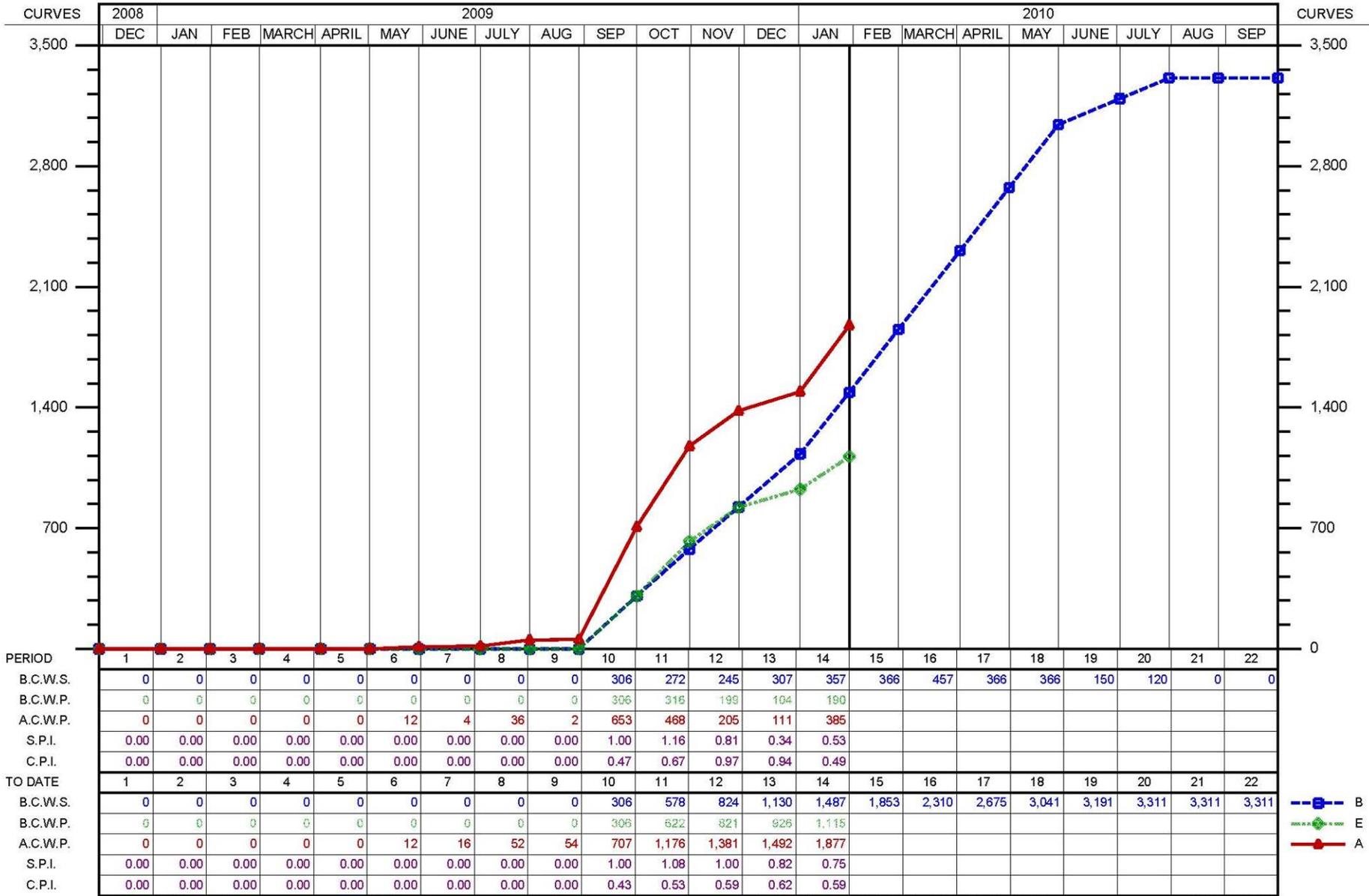
West Valley Environmental Services LLC

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ARRA PBS WV-OH-0013

ARRA SOLID WASTE STABILIZATION & DISPOSITION



COST IN USD x1,000

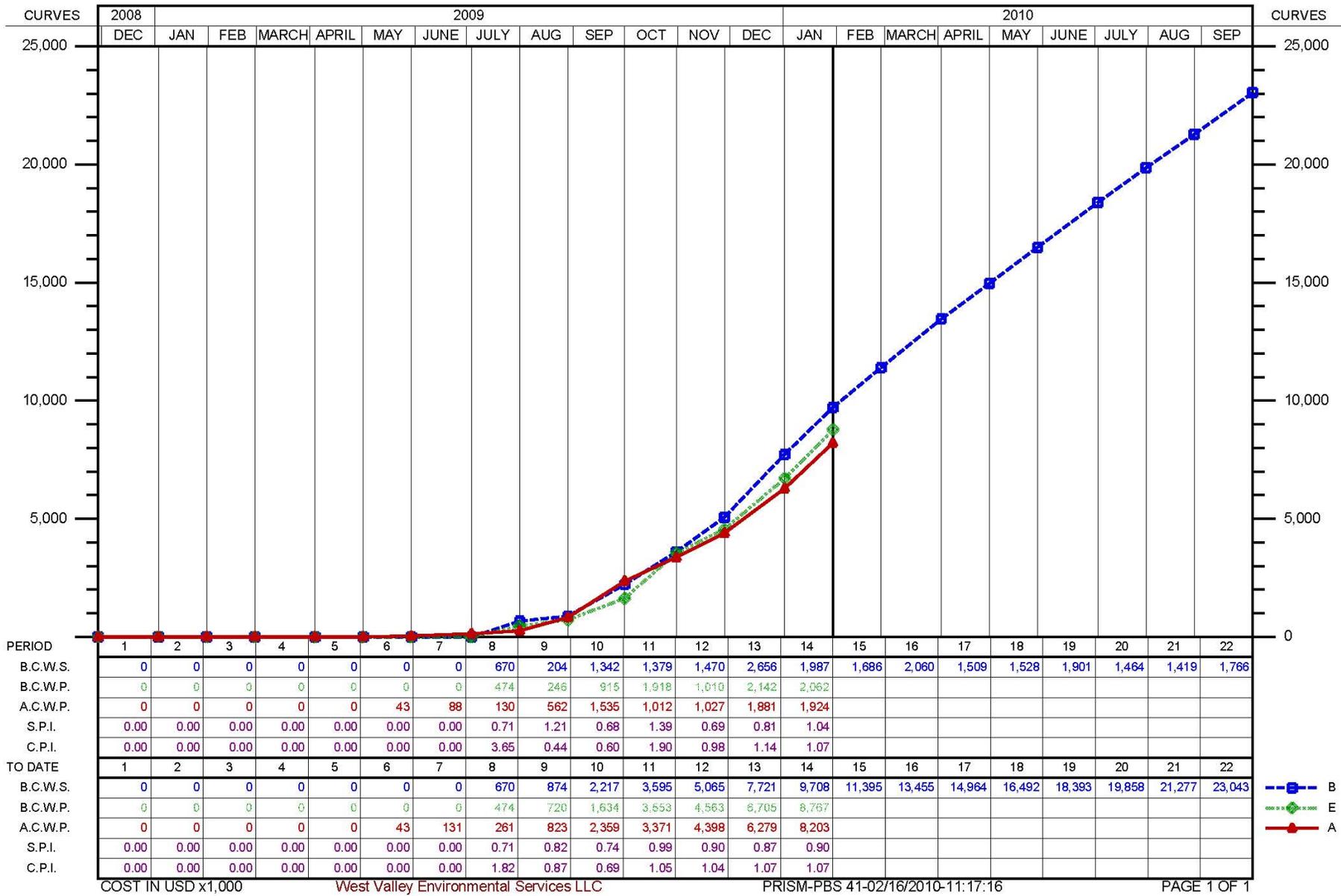
West Valley Environmental Services LLC

PRISM-ARRA PBS 13-02/16/2010-11:19:05

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PBS-OH-WV-0040R1.1

MPPB Capital Asset Nuclear Facility D&D



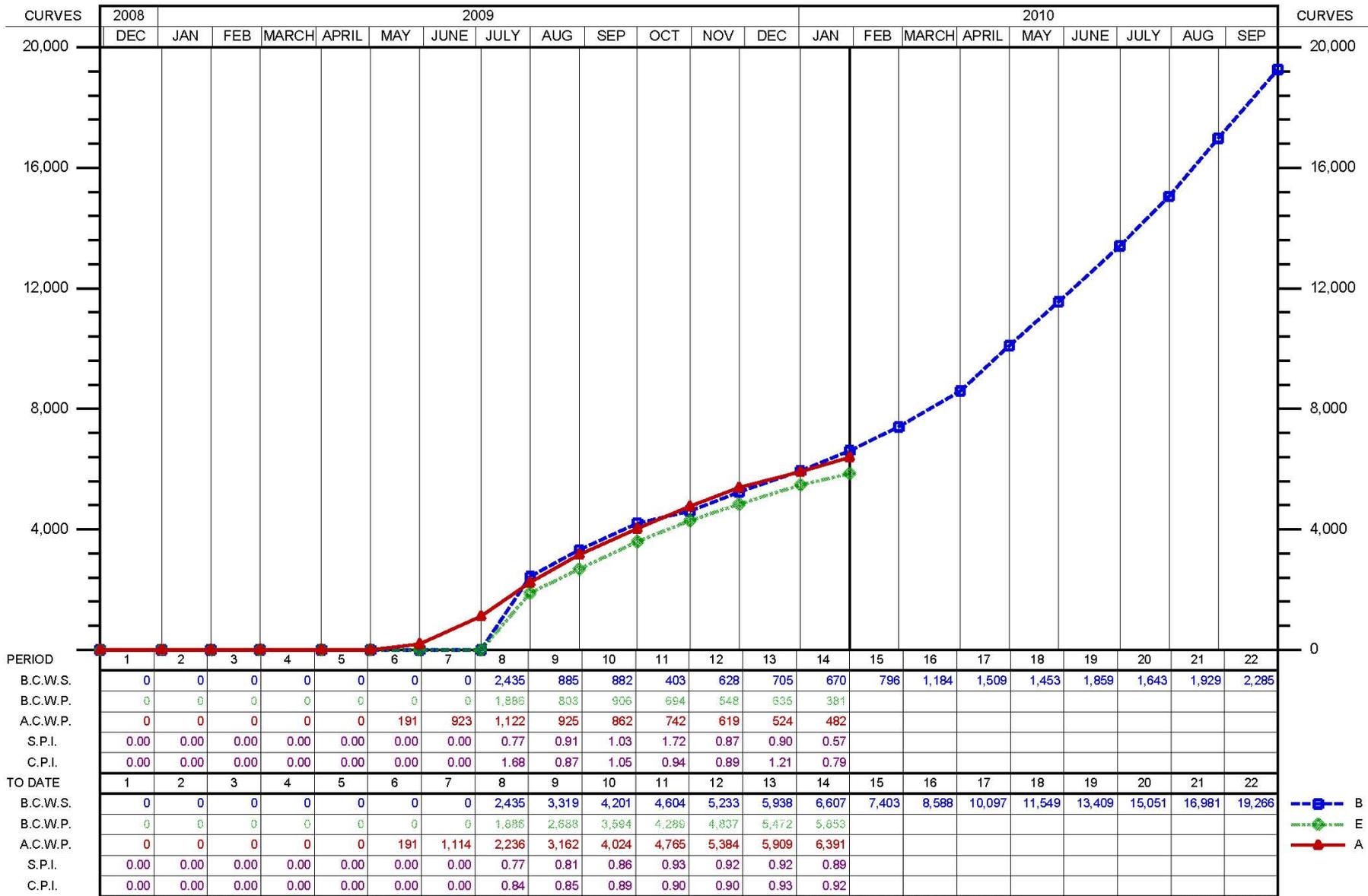
COST IN USD x1,000

West Valley Environmental Services LLC

PRISM-PBS 41-02/16/2010-11:17:16

PAGE 1 OF 1

PBS OH-WV-0040R1.2 NUCLEAR FACILITY D&D



COST IN USD x1,000

West Valley Environmental Services LLC

PRISM-PBS 40-02/16/2010-11:16:21

PAGE 1 OF 1

**WVES ARRA Milestone Report
Data as of January FY2010**

<i>PBS</i>	<i>In Progress</i>	<i>Milestone</i>	<i>Baseline Date</i>	<i>Forecast Date</i>
OH-WV-0013.R1	Ship 5100 ft3 West Off Site for Processing	ARRA-WPROC-1	10/31/2010	08/02/2010
OH-WV-0040.R1.2	Initiate Scope to Evaporate / Wash Liquids Stabilize/Solidify	ARRA-LWTS-2	09/30/2010	12/02/2010
OH-WV-0040.R1.2	Receive Disposal Facility Waste Acceptance MPPB Liquid Waste	ARRA-LWTS-3	02/28/2011	06/30/2011
OH-WV-0040.R1.1	Complete Off-Gas Cell Decontamination	ARRA-MPPB-2	12/31/2010	03/31/2010
OH-WV-0040.R1.1	Complete Off-Gas Blower Room Decontamination	ARRA-MPPB-3	06/30/2011	06/30/2011
OH-WV-0040.R1.1	Complete Liquid Waste Cell Decontamination	ARRA-MPPB-4	06/30/2011	06/30/2011
OH-WV-0040.R1.1	Complete Accessible ACM Removal	ARRA-MPPB-5	06/30/2011	06/30/2011
OH-WV-0040.R1.2	T&VD Final Design Review	ARRA-TVDS-2	02/03/2010	02/22/2010
OH-WV-0040.R1.2	Complete Vent Header Replacement	ARRA-TVDS-3	01/30/2010	09/30/2010
OH-WV-0040.R1.2	T&VDS Operational	ARRA-TVDS-4	10/31/2010	10/31/2010
OH-WV-0040.R1.2	Complete Installation of PTW	ARRA-PTW-1	12/31/2010	10/06/2010
OH-WV-0040.R1.2	Complete Installation of PTW Monitoring Wells	ARRA-PTW-2	03/30/2011	12/30/2010
OH-WV-0040.R1.2	Complete Shipment of Waste Generated PTW Install	ARRA-PTW-3	06/30/2011	06/28/2011
OH-WV-0040.R1.2	Complete 01-14 Building Pre-Demo	ARRA-0114-1	04/30/2010	06/28/2010
OH-WV-0040.R1.2	Complete 01-14 Building Demo	ARRA-0114-2	10/31/2010	10/27/2010

<i>PBS</i>	<i>Complete</i>	<i>Milestone</i>	<i>Baseline Date</i>	<i>Forecast Date</i>	<i>Actual Date</i>
OH-WV-0040.R1.2	Award design / build contract for Tank and Vault Drying System (T&VDS)	ARRA-TVDS-1	06/10/2009	06/10/2009	06/24/2009
OH-WV-0040.R1.2	Establish contract for decontamination in Liquid Waste Cell in MPPB	ARRA-MPPB-1	07/31/2009	08/20/2009	07/20/2009
OH-WV-0040.R1.2	Solicit bids for MPPB Liquid Stabilization / Solidification	ARRA-LWTS-1	07/14/2009	10/27/2009	08/24/2009
OH-WV-0040.R1.2	Complete initial training for 62 new hires	ARRA-TRN-1	08/30/2009	08/30/2009	08/26/2009
OH-WV-0040.R1.2	Initiate process piping removal from 01-14 Building	ARRA-01-14-1	09/01/2009	10/01/2009	09/14/2009

15	Milestones to Complete
5	Milestones Completed
20	Milestones Total

1) **Risks Not Yet Included in WVDP-473 (ARRA Contract):** No new risks were identified in the prior reporting period.

2) **Realized Risks (ARRA Contract):** See table below for a list of risks that have occurred in the prior reporting period (or previously realized risks whose resolution is still pending).

Related Risk #	Risk Category	Risk Title	Detailed Description of Event	Date Risk Realized	Date Change Paper Submitted	Approval Date
AR-1e	Installation of a Tank and Vault Drying System	Unidentified Obstructions Discovered During Excavation for Installation of the Tank and Vault Drying System Result in Delays to Installation, Added Costs	Butler Construction completed the excavation and subsequent backfill of four trenches to verify the actual position of the underground ventilation header, adjacent lines and 8D-1 vault. The results indicate that the actual positions of the pipelines differ significantly from historical drawings and additional lines were discovered. Based on this, excavation and shoring plans are being modified which will increase the subcontract cost. Mitigation actions to recover cost and schedule impacts to be evaluated.	October 20, 2009	If necessary. Mitigation being pursued to recover cost and schedule impacts.	Pending
AR-2f	North Plateau Groundwater Plume Mitigation	Evolution from Pre-conceptual to Conceptual to Final Design Leads to Unanticipated Changes to Current Pre-conceptual PTW Design Concept, Resulting in Increased Costs	The cost for installation of the NP PTW in the ARRA proposal was based on 2007 estimates and information gathered up to the presentation of the proposal to DOE. Since then, significant additional data has been generated and assessed. The 30% (conceptual) design report, released on 10/27/09, provides for updated costs for both installation and waste disposal that exceed baseline estimates. A list of potential alternatives/options and detailed cost analysis for each are being prepared to support evaluation of this change/realized risk.	October 27, 2009	Pending	Pending

3) **Closed-out (Eliminated) Risks (ARRA Contract):** No additional risks were closed/eliminated in the prior reporting period or are no longer applicable.