



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

WD:2010:0175
AC-PRES
April 29, 2010

Dear Ms. Scouten:

SUBJECT: WVDP Progress Report – March 2010

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

DOE comments received on April 28, 2010 have been incorporated.

Should you have any questions or require additional information concerning this report, please contact David Kurasch at extension 4155.

Very truly yours,

WEST VALLEY ENVIRONMENTAL SERVICES LLC

Signature on File in Records

John G. McKibbin
President and Project Manager

Enclosure

Progress Report March 2010

West Valley Demonstration Project



West Valley Environmental Services LLC

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1.0 WVES President's Assessment

1.1 Safety

WVES continues to emphasize safety at the West Valley Demonstration Project (WVDP) and remains one of the safest Department of Energy Environmental Management (DOE-EM) sites in terms of Total Recordable Case Rate (TRC) and Days Away, Restricted/Transferred (DART). Our 12 month rolling averages for both were 0.2 at the end of March 2010.

The increase in TRC and DART from January's 0.0 for both rates is attributed to a first aid injury that occurred on January 19, 2010, that required follow up medical treatment in February 2010, resulting in the injury becoming reclassified as a Recordable injury. This is WVES' only recordable injury since September 2008. The WVDP continues to have an outstanding safety record with 2,579,815 hours since the last lost time injury or illness. WVES achieved 1,895,809 safe work hours.

From March 15-18, URS Corporate conducted a comprehensive "Deep Dive" safety review of WVES. The review team concluded that the safety program was being effectively implemented and had no findings, two noteworthy practices, and four observations for improvement. During the closeout meeting, WVDP workers were complimented on their practice of checking not only their own safety gear, but that of their co-workers. The reviewer commented that the practice had been seen at other sites, but not to the extent witnessed at the WVDP.

In March, WVES responded safely and effectively to elevated asbestos clearance samples discovered in the Main Plant. Additional information on this safe operational response is provided in the Safety section of this report. In addition to the responsible operational response, WVES provided accurate information to Weapons Complex Monitor, resulting in a positive news story on the WVDP.

1.2 Waste Management

WVES continues to implement current plans for completing high risk and high hazard work scope in FY2010 and FY2011 supported by expected funding levels within contract period of performance. One major focus of this effort is to identify equipment that can improve remote-handled (RH) waste size-reduction productivity. WVES is also focusing on identifying opportunities to minimize the number of vessels and equipment needing RH size-reduction. To accomplish this goal, WVES plans to expand the Nitrocision system to the Vitrification Facility (VF) waste processing area so it can be used to decontaminate sludge from vessels, taking them from Transuranic (TRU) waste to low-level waste (LLW).

WVES personnel visited SSI Shredding Systems in Oregon during March to observe a demonstration of multi-head shear technology for potential use in improving waste size reduction efficiencies in the VF waste processing area. The technology successfully demonstrated the feasibility of application at West Valley. Some needed refinements to address tooling wear, equipment reliability, and jamming are being evaluated.

Waste Processing in both the Remote Handled Waste Facility (RHWF) and VF continued in March. A total of seven drums of Remote Handled-Transuranic (RH-TRU) and one B-25 box of RH-LLW were processed and packaged in the RHWF and packaging of the off-gas condenser unit was completed in the VF in March.

Physical improvements to the Contact Size Reduction Facility continued in March with electrical upgrades, grouting, testing of the ventilation system, installation of a man-door into the cut room and other improvements. Waste packages have been identified and planning is in progress for startup of this plasma cutting process.

1.3 Main Plant Process Building Deactivation and Decontamination

WVES completed its ARRA waste shipment of debris removed from the Main Plant consisting of 1,442 ft³ of waste packaged in fourteen (14) B-25 boxes. The waste was shipped to Energy Solutions for disposal.

In the Head End Cells, WVES deployed Nitrocision® robotic tooling in the Process Mechanical Cell to remove PBS coating from the walls of the cell. Preliminary results from the first round of operation indicate the pressurized liquid nitrogen tooling will be effective at removing the coating.

1.4 Business Management

In February 2010, DOE agreed to consider revision of the contract value based on a modified total cost approach to evaluating overall cost and schedule impacts to the original contract award planning basis. Efforts in March were focused on development of a Contract Change Proposal (CCP) to align the contract value with a plan for contract completion in June 2011, supported by planned funding availability. The CCP includes a summary of events that have occurred during the course of the contract, supported by actual cost data for work completed through February 2010. Additionally, a detailed cost proposal and planning basis was provided for work from March 2010 through contract completion in June 2011. This scope, schedule, and estimate was developed to be consistent with DOE and WVES strategic priorities associated with completion of high-risk and high-hazard work during this contract period.

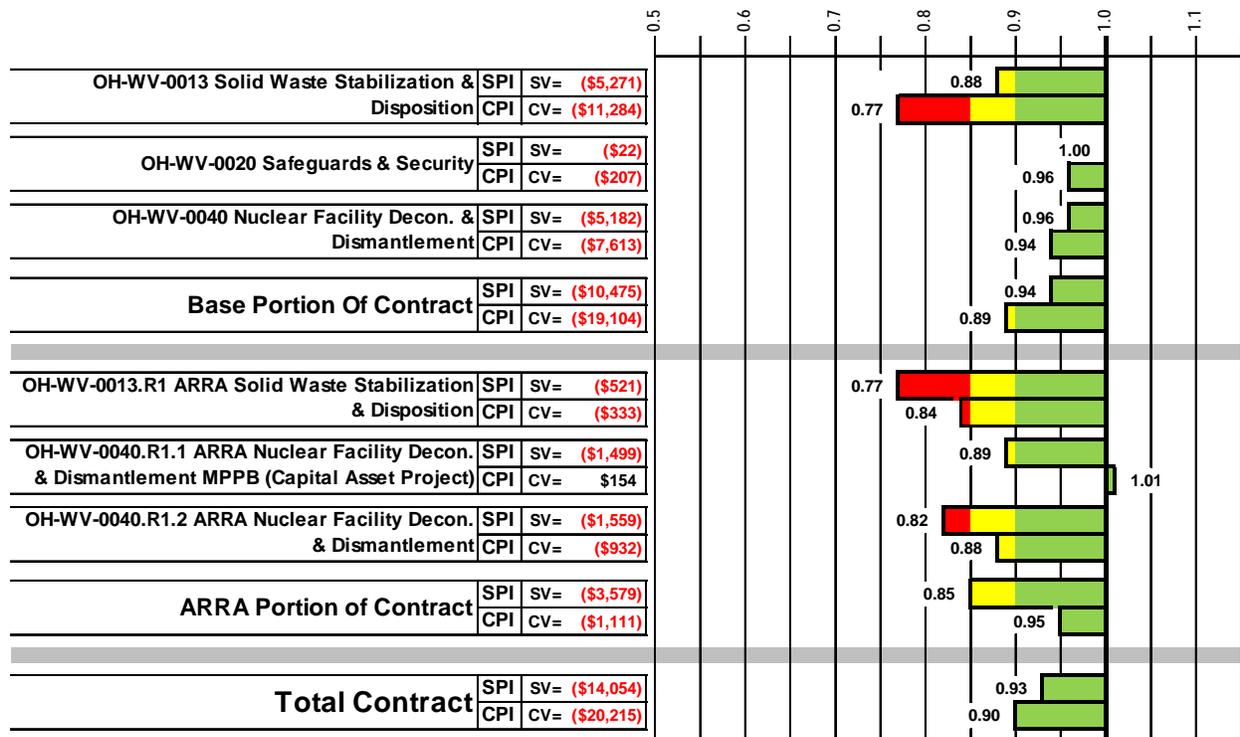
A Contract Budget Baseline Change Request will be developed and submitted to DOE for consideration in April that aligns the contract baseline with the current plan for contract completion as described in the CCP.

1.5 FY2010 Performance Summary

DOE Office of Management Performance Legend



March 2010 Performance Summary



Base Portion of Contract Performance

The cumulative Schedule Performance Index (SPI) and Cost Performance Index (CPI) for PBS OH-WV-0013 at the end of March 2010 is 0.88 (yellow) and 0.77 (red), respectively. This is a slight overall improvement for the SPI and a slight degradation for the CPI compared to February 2010 when cumulative SPI and CPI values were 0.87 and 0.78, respectively. The underlying cause of this performance continues to be that productivity for RH-TRU waste processing is slower than planned due to challenging waste streams taking more resources, unplanned outages and equipment replacements. Initiatives to improve both indices, including implementation of more robust size reduction equipment, continue.

PBS OH-WV 0020 and PBS OH-WV-0040 both have a cumulative SPI and CPI above 0.94 (green).

The net cumulative SPI and CPI for the base portion of the contract work scope is 0.94 (green) and 0.89 (yellow), respectively. The SPI is the same as last month and the CPI has a slight degradation from last month's 0.90 as a net result of the CPI reduction in OH-WV-0013 as noted above.

ARRA Portion of Contract Performance

The cumulative SPI and CPI for PBS OH-WV-0013.R1 at the end of March 2010 is 0.77 (red) and 0.84 (red), respectively. Although still not where desired, this is a marked improvement in both indices from last month's values of 0.63 and 0.61, respectively. See Section 3.2.1 for further discussion and details.

The cumulative SPI and CPI for PBS OH-WV-0040.R1.1 at the end of March 2010 is 0.89 (yellow) and 1.01 (green), respectively. The cumulative negative Schedule Variance (SV) for this PBS is the result of less waste disposition than planned and slower than planned progress in deactivation and decontamination activities in the General plant as well as Asbestos Containing Material (ACM) Removal. See Section 3.2.2 for further discussion and details.

The cumulative SPI and CPI for PBS OH-WV-0040.R1.2 at the end of March 2010 is 0.82 (red) and 0.88 (yellow), respectively. The overall negative SV for this PBS is driven by suspension of planning and execution of demolition activities associated with the 01-14 Building, as well as less generated volume than planned for non-Main Plant Newly Generated Radioactive Waste and the Main Plant Liquid Waste Solidification System. The cost variance is driven by higher than budgeted costs for the Tank and Vault Drying System (T&VDS). See Section 3.2.3 for further discussion and details.

The net cumulative SPI and CPI for the ARRA portion of the contract work scope is 0.85 (yellow) and 0.95 (green), respectively. The SPI is a slight degradation from last month's 0.86 and the CPI is a slight improvement over last month's 0.94.

Overall Contract Performance

The overall contract has a cumulative SPI of 0.93 (green) and cumulative CPI of 0.90 (green).

Milestone Status

No Contract Milestones were completed during the reporting period.

Risks/Opportunities

In March, WVES realized one risk and is actively attempting to minimize the impact of two others. Soil borings taken last month in support of the North Plateau Permeable Treatment Wall (PTW) have revealed that the depth to the till is deeper in some places than WVES originally estimated. A plan for wall installation recognizing the increased till depth has been prepared and the impact evaluated.

In addition, WVES continues to work closely with the DOE on another possible realized risk regarding substantial cost growth in the North Plateau PTW design, installation, and soil management resulting from proposed changes to the soil disposition requirements. Although the value of this risk is still being calculated, it could range from \$3-7M more than the original project estimates.

Finally, based on monitoring of differential pressure trends across the ventilation system filters in the RHWF, a change-out is likely to be necessary. Although the filters were designed to be changed-out easily, they have never had to be changed before. Planning for this effort is ongoing. If the change-out of the filters proceeds as designed, this potential realized risk can be averted. Unanticipated challenges are possible, however, as the filters have never been replaced. WVES is evaluating options to complete this work on backshifts to minimize impact on throughput.

2.0 WVDP Monthly Safety Performance – March 2010

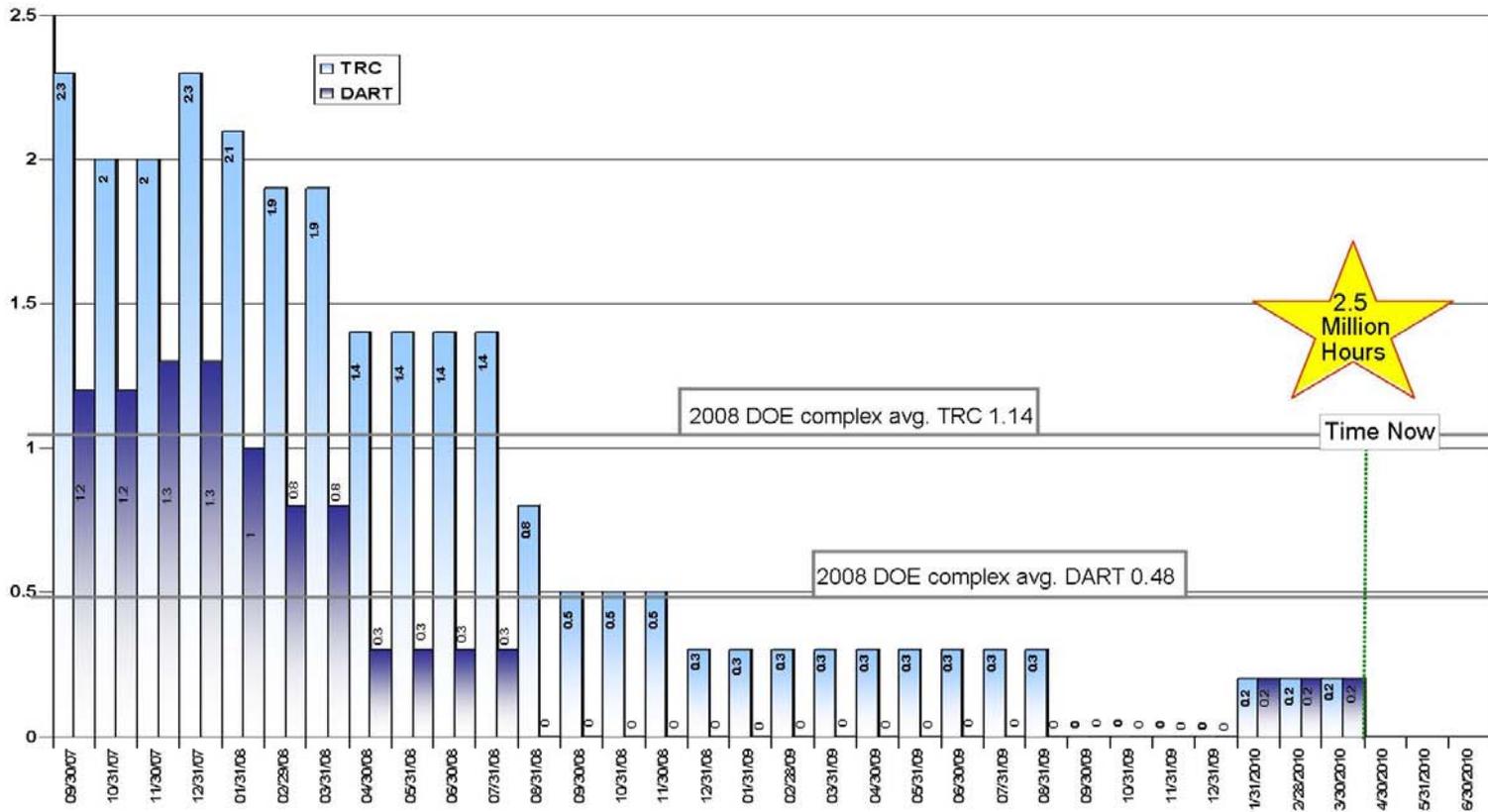
WVDP employees have worked more than 2.5 million hours and WVES employees have worked 1.8 Million hours without a lost-time work injury. On March 31, 2010, the WVDP Total Recordable Case Rates (TRC) based on a 12-month rolling average was 0.2 and the Days Away, Restricted/Transferred (DART) rate based on a 12-month rolling average was 0.2.

One first aid incident occurred during March 2010, involving an operator who received a minor laceration to the right index finger.

During March 2010, WVES received results from an elevated asbestos clearance sample on the fourth floor of the Main Plant. Access to the fourth floor and east stairwell was restricted pending cleanup and clearance. A recovery plan to systematically inspect, repair/fix, sample, and release the Main Plant was developed and implemented, and all-employee communications were issued. An Occurrence Reporting and Processing System (ORPS) report was filed (management concern). Confirmatory baseline sampling of the Main Plant was completed (all negative for asbestos).

From March 15-18, URS Corporate conducted a comprehensive “Deep Dive” safety review of WVES. The review team concluded that the safety program was being effectively implemented with no findings, two noteworthy practices, and four observations for improvement. During the closeout meeting, WVDP workers were complimented on their practice of checking not only their own safety gear, but that of their co-workers. The reviewer commented that the practice had been seen at other sites, but not to the extent witnessed at the WVDP.

WVDP Site Safety Performance Based on 12-Month Rolling Average



Current Status: Total Recordable Case (TRC) Rate: 0.2

Current Status: Days Away, Restricted, Transferred (DART) Rate: 0.2

3.0 Monthly Earned Value Performance Analysis Summary

At the overall project level, the cumulative SV is a negative \$14,054K (about 7.5% behind schedule) and the cumulative Cost Variance (CV) is a negative \$20,215K (about 11.6% over budgeted cost). The overall project SPI is 0.93 (green) and the CPI is 0.90 (green).

At the base contract level, the project has a cumulative SV of negative \$10,475K (about 6.4% behind schedule) and a cumulative CV of negative \$19,104K (about 12.4% over budgeted cost). The cumulative base contract SPI for March 2010 was 0.94 (green) and the CPI was 0.89 (yellow). The March 2010 SV was a net negative \$1,000K and the CV for the month was a negative \$1,902K. The negative current period SV is from behind schedule performance primarily from not shipping newly generated waste, placing decontamination of 8D-4 liquid on indefinite hold, and late material deliveries in the MPPB that have delayed the start of XC-1 operations. The negative current period CV is the result of higher contamination levels in the head end cell crane rooms producing additional entry costs, working overtime in the extraction cells to recover schedule from slower progress due to higher contamination levels, and more legacy waste processing costs from higher contamination levels, new videotaping requirements and more size reduction than planned. The negative cost and schedule performance trend is likely to continue to deteriorate until there is a resolution with DOE regarding the current contract funding limitation which precludes continued expenditures against full baseline scope.

The cumulative March 2010 American Recovery and Reinvestment Act (ARRA) performance was a cumulative SV of negative \$3,579 (about 14.7% behind schedule) and a cumulative CV of negative \$1,111K (about 5.3% over budgeted cost). The cumulative ARRA contract SPI was 0.85 (yellow) and the CPI was 0.95 (green). The cumulative negative SV is a combination of individual behind schedule performance that is dominated by the Main Plant allocating resources too early in the plan (negative SV of \$1,120K), now delayed 01-14 building demolition (negative SV of \$677K), now delayed VF demolition ((negative SV of \$672K), and delayed disposition of newly generated wastes pending the resolution of available funding issues (negative SV of \$771K).

The performance trend is likely to continue to deteriorate until such time that DOE provides approval to align the baseline plan with the current plan for contract completion being executed to support implementation and completion of high risk and high hazard work with available funds during WVES' contract period of performance.

3.1 Monthly Performance Analysis Summary – Base Portion of Contract

For WVES base contract activities, the March 2010 SV of negative \$1,000K is primarily attributed to the following activities:

- Waste Tank Farm (WTF) Isolation has a net negative SV of \$270K for this period from putting the decontamination of 8D-4 liquids on indefinite hold without moving out the near-term work activity dates in the planning package.
- The MPPB has a net negative SV of \$222K for this period due to the impacts from needing to manage higher than anticipated contamination levels overall, as well as restricted access to the Extraction and Head End Cell areas that occurred due to the response associated with potential discovery of additional asbestos.
- Legacy Waste Disposition has a net negative SV of \$201K for this period primarily due to not shipping Legacy Wastes during this period while detailed planning for remaining contract period is being finalized.

Not shipping wastes produced a SV of negative \$479K that was partially off-set by a positive SV of \$240K during the period associated with paying a railroad maintenance fee ahead of schedule.

- Newly Generated Radioactive Waste Disposition has a net negative SV of \$433K for this period due to delays in generating volume for disposition.

These negative SVs are offset by positive SVs for Legacy Waste Processing and Packaging (\$136K), Safeguards and Security (\$82K) and Regulatory Affairs (\$53K).

For activities currently in progress in the MPPB, the Project's schedule for "critical" path schedule indicates -27days of total float for the current Extraction Cell-1 (XC-1) arm and related deployment systems as well as XC-1 decontamination activities. A schedule recovery plan has been developed with a mid-May date for the beginning of pipe removal. This plan requires the implementation of 12-hour shift operations, 7 days per week.

WVES routinely evaluates and assesses critical manpower requirements for potential schedule impacts and actively manages the allocations through daily work control production meetings. The allocation of maintenance personnel and radiation safety technician resources across the daily activities continues to receive the most coordination.

For WVES base contract activities, the March 2010 negative \$1,901K CV is primarily attributed to the following activities:

- Legacy Waste Processing and Packaging Control Account has a negative \$782K CV as the result of the added requirement for videotaping RH-TRU Waste TRU Packaging in the RHWF and VF despite early indications from WIPP personnel that RTR operations would preclude the need to videotape. In addition there were costs caused by several things such as the congestion associated with temporarily consolidating materials to avoid nearby ACM work in VF Processing and Packaging, by the slab tanks taking longer to process than planned in LLW/MLLW Repackaging, more material requiring size reduction, videotaping records for RH-TRU packaging and higher than anticipated PPE which slows production rates. The majority of the CV (negative CV of \$593K) is from the LLW/MLLW Repackaging work package.
- Legacy Waste Disposition has a negative \$127K CV as a result of the unplanned efforts to create more waste storage space by moving clean empty drum storage to an offsite location.
- Site Operations has a negative \$193K CV as a result of higher than planned non-labor charges related to fire alarm and sprinkler services, JLG inspections and repairs, HVAC service, and radiation safety technician support.
 - The fire alarms and sprinkler services are higher due to the need to continue to service buildings originally scheduled to be removed from service
 - JLG was budgeted for inspection. Sizable repairs were identified that needed to be made
 - HVAC support was more than anticipated due to the requirement to keep the e-lab system operable.
 - R&S support greater than expected due to turnover of technicians and need to train new hires while continuing to staff needs.

- Main Plant Process Building has a negative \$546K CV. The cost variance is primarily attributable to work packages 003 and 004. In WP 003 there were 2 weeks of unplanned maintenance and 2 broken manipulators which impacted productivity and increased labor costs. In WP 004 the monorail erection overran by \$316K due to structural issues and weather related delays. Additionally, \$70K was incurred for remote arm training at the vendors versus on site as originally planned. The balance of the overrun was due to additional overtime which was required to avoid significant schedule impacts and mitigate delays due to late monorail erection and material deliveries.
- Regulatory Affairs has a negative \$167K CV. Costs associated with installation of four and decommissioning of two environmental monitoring wells contributed \$97K to the March CV. Delays due to subcontract drilling equipment failures and additional time required to penetrate a 42" concrete slab encountered at the first of two of the FRS drilling locations added \$24K to the total planned FY10 well installation/decommissioning costs. Well installations are dependent upon DOE negotiation and routine monitoring results and are therefore planned as level of effort activities. PTW final design efforts contributed \$70K to the cost variance in March due to changes to preliminary well alignment. .
- WTF Isolation has a net negative \$147K CV for this period as a result of having to resort to a more costly means (chemical grout) than planned to seal around the Tank 8D-2 M-8 pump pit and reduce groundwater infiltration into the underground vault (\$42K CV), and need for additional labor and non-labor for equipment removal from the 8G-4 pump pit that wasn't planned but will result in a safer overall job and will eliminate the need for any further 8Q-4 pump pit D&D (\$106K).

3.1.1 PBS OH-WV-0013, Solid Waste Stabilization and Disposition – West Valley

In the Legacy Waste Processing project (Control Account 10.2100), WVES has processed an additional 2,226 ft³ of Legacy TRU waste for a cumulative total at the end of March 2010 of 38,835 ft³. This represents 48.1% of the total Legacy TRU waste in storage at the beginning of the contract. During this period WVES has also processed an additional 495 ft³ of Legacy LLW for a cumulative total at the end of March 2010 of 71,939 ft³, representing 83.1% of the total Legacy LLW in storage at the beginning of the contract.

As of the end of March 2010 a total of 840 suspect TRU waste containers have been scanned, 805 reports completed, and 570 determined to be LLW, a success rate of nearly 71%.

The first draft of the TRU Waste Baseline Inventory Report Update for West Valley was submitted to Los Alamos National Laboratory Carlsbad Office for review.

In coordination with Environmental Affairs, Waste Projects supported the yearly New York State RCRA audit at the end of March 2010. The audit included surveying mixed waste containers in storage, on hard stands and hazardous waste in the lockers as well as reviewing mixed and hazardous waste manifests. There were no findings or concerns in these areas.

Waste Management Projects continues to provide planning and field support for CH-TRU waste processing in the Waste Packaging Area (WPA) and Container Sorting and Packaging Facility (CSPF), and RH-TRU waste processing in the RHWF and VF. These efforts are focused on identifying opportunities to achieve significant reductions in the TRU waste inventory volume.

Work is continuing on the size reduction of tanks from Product Purification Cell-South (PPC-S) in compliance with Work Instruction TRU-2009-10.

Work Instruction TRU-2010-06 for processing legacy RH-TRU waste generated from operations in the VF was developed, reviewed and the work initiated.

The following Work Instructions were developed for processing TRU and LLW asbestos waste streams: TRU-2010-03 through TRU-2010-05 and LLW-2010-03 through LLW-2010-06.

Work Instruction LLW-2010-07 for processing miscellaneous chemicals was issued and the work completed. In addition, Work Instructions LLW-2010-08 and LLW-2010-09 for processing the two large boxes of legacy LLW debris were developed and issued, and work completed.

Waste Management Projects participated in the DOE TRU Waste Corporate Board and the Small Quantity Generator Sites (SQS) meeting in Las Vegas, Nevada. This meeting yielded several good ideas for handling high-dose TRU waste and provided WVES with contacts for shield containers and drum closure ideas. During this meeting, WVES personnel met with representatives of the TRU Baseline Inventory Report (BIR) to agree on a path forward for the WVDP to provide radiological information in the BIR. This information will be compiled and submitted in an updated draft in early April.

Waste personnel continue to provide characterization and packaging guidance in support of upcoming Off-Gas Cell, Liquid Waste Cell, and Head End Cells deactivation and decontamination efforts. Waste personnel also continue to work closely with the PTW team on the logistics for receiving, off-loading and staging of zeolite material to be used in PTW construction. Specifically, Waste Management Projects personnel continue to evaluate and analyze bulk packaging options for storage and shipment of radioactive waste. Alternative options, such as renting roll-offs or intermodals, show promise as being more cost-effective than purchasing B-25 waste boxes.

In addition, consideration is being given to identifying a different B-25 waste box supplier. WVES has talked with the Nevada Test Site disposal facility personnel and determined that intermodals of waste are acceptable as long as the waste is in a bag or liner. This arrangement allows the intermodal to be tipped, in turn allowing the internal bag or package to slide out of the intermodal container.

WVES personnel visited Metals Solutions Design and Fabrication, LLC (MSDF) for a vendor quality assurance program assessment. Their program was acceptable and they have now been added to the West Valley acceptable suppliers list. The next step is to obtain a prototype box and the company's handling and closure procedures and bring the box on site for Operations to evaluate for use.

The following summarizes Waste Processing activities for March 2010:

Remote Handled Waste Facility (RHWF) – Continued processing Lot B, five containers of VF debris. Processing of TC-318 and TC-339 consisted of segregating RH-LLW and RH-TRU waste. A total of seven drums of RH-TRU and one B-25 box of RH-LLW were processed and packaged. RH-TRU waste was packaged in accordance with the CH-TRU Waste Packaging Instructions. Major maintenance operations in March involved replacement of one the mast cables on the south remotely controlled robotic arm. For the current period, operations in the RHWF were slower than planned.

Vitrification Facility (VF) – Completed packaging of the off-gas condenser unit. A total of four containers were required to package the coils and vessel sections. Twelve Head End Cell drums with High Efficiency Mist Eliminator (HEME) filter media were transferred from the VF cell to the High Level Waste Interim Storage Facility (HLWISF) for storage due to their high dose and activity. Lot C processing was initiated this month. Six box liners of Vitrification debris were transferred from the HLWISF into the VF. The contents of VD-045 and VD-042 are in process for size reduction. For the current period, operations in the VF were slower than planned.

Waste Packaging Area (WPA) - Size reduced Tank 5D-5A from TC-236 from PPC-S. The vessel was part of the original reprocessing related plutonium product system and as a result contained significant alpha contamination. The tank was successfully size reduced and packaged to the CH-TRU waste packaging instructions. In addition, a pre-job briefing on Work Instruction TRU-2010-01 for Lower Warm Aisle TRU waste was completed and processing began. Boxes TC-480, TC-172-B and TC-175-B were processed. For the current period, as a result of the high contamination levels associated with the slab tanks, operations in the WPA were slower than planned.

Container Sorting and Packaging Facility (CSPF) - Successfully processed and repackaged 31 drums of LLW in the CSPF this month. The repackaged waste was placed into storage for future offsite disposal. Two boxes and 76 drums (5-gallon and 55-gallon drums) of miscellaneous solid chemicals were processed and prepared for future offsite disposal.

Contact Size Reduction Facility (CSRf) - Waste packages have been identified and planning is in progress. Electrical upgrades continue to the facility. Grouting was also completed in March. Polyalphaolefin (PAO) testing of the ventilation system was completed. The east man-door into the cut room was installed. Installation of the Cam-fill[®] unit (for plasma cutting) and the Plymovent[®] arms (a movable ventilation portal) are underway.

Fuel Receiving and Storage (FRS) - A high capacity trailer was rented through Buffalo Fuels Corporation, WVES' primary hauler, to move waste container TC-468 from the FRS to storage. Using this high capacity trailer and a crane, TC-468 was removed from the FRS and weighed. Waste container TC-470 was also unloaded from its trailer using the crane.

Both containers were placed on cribbing in the HIC corral.

In addition, Waste Management Projects packaged and shipped two debris waste samples from the PPC-N on March 15 to General Engineering Lab for analysis, and two liters of 5D-15A1 samples on March 18 to Perma-Fix of Florida for solidification treatability study.

SOP 09-35, "Packaging of Biological Waste for Disposal" was revised to update departmental responsibilities and comply with requirements for periodic review, and SOP 09-24, "Chemical Process Cell Waste Storage Area and Lag Storage Inspection" was revised to allow the storage of zeolite material on the Lag Storage Building Hardstand for the PTW project.

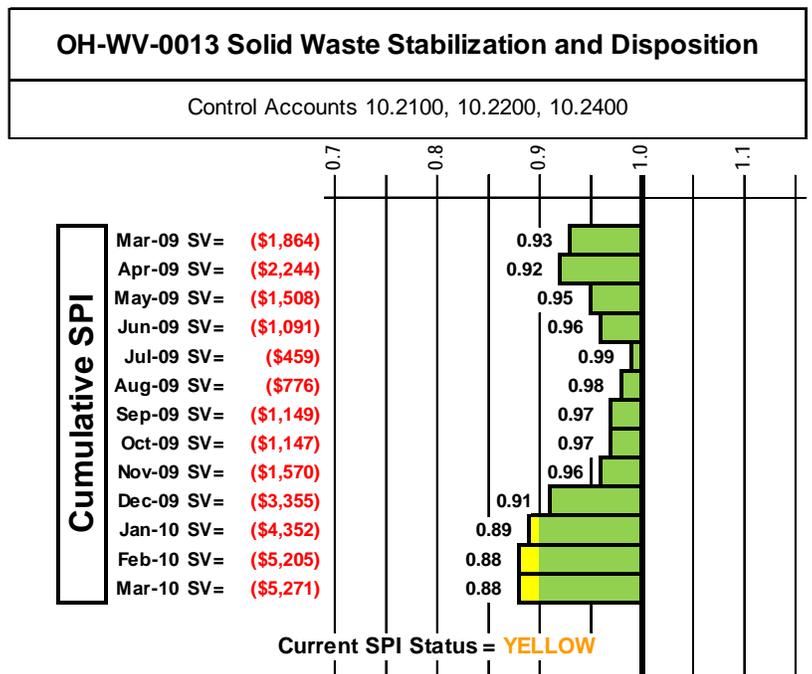
Routine level-of-effort operations were also accomplished during this period that included continuing site-wide forklift support operations and monthly and weekly inspections of facilities and waste, as well as completing calibration and cleaning services for the two waste scales in lag storage. To create more waste storage space in Lag Storage Areas 3 and 4, clean empty drums were moved to a nearby offsite storage facility for later retrieval as needed.

Performance to Schedule

Through March 2010, PBS OH-WV-0013 had a cumulative SPI of 0.88 (yellow).

The net cumulative negative \$5,271K SV is associated with a cumulative negative \$5,903K SV from RHWF operations as part of the Legacy Waste work scope in Control Account 10.2100.

For the current period, the SV associated with Legacy Waste processing and packaging was a positive \$136K and the SV for Legacy Waste Disposition was a negative \$201K. The negative \$201K SV is primarily the result of not shipping Legacy Wastes during this period due to funding constraints. Not shipping wastes produced a SV of negative \$479K that was partially off-set by a positive SV of \$240K with paying a railroad maintenance fee ahead of schedule.



These current period events add a negative \$65K to the cumulative SV, which has been driven by the following events:

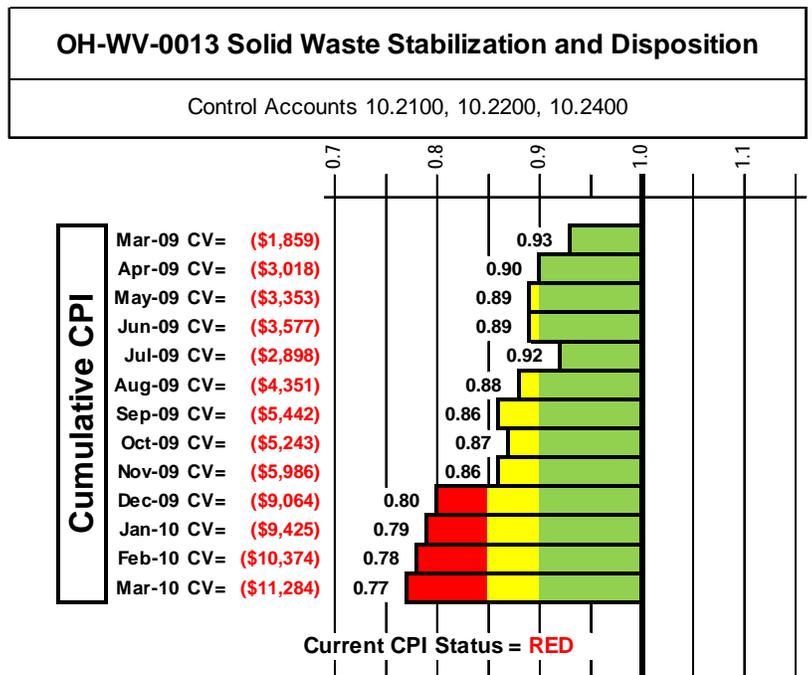
- Processing delays were caused by challenging waste streams which took longer to process than planned. In the RHWF, an example of this is the processing of the steel liner from the J-2 waste container which was scheduled to take one month but took over five months to complete due to inadequate size reduction tooling to cut the thick metal plates. Other challenging waste streams are Category 2 wastes which were previously packaged TRU waste with high alpha contamination. Category 2 waste caused airborne contamination in the Waste Packaging Area (WPA) early in 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.

- In 2008, an incident involving a dropped waste box caused an operational stand-down for investigation, corrective action analysis, and action plan implementation.
- Waste handling equipment failures have impacted processing operations in the RHWF and the VF.

Performance to Cost

Through March 2010, PBS OH-WV-0013 had a cumulative CPI of 0.77 (red).

The net cumulative negative \$11,284K CV is due primarily to the \$11,100K cost growth associated with legacy waste processing activities (Control Account 10.2100) which have been less productive than 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 RHWF dropped box event in February 2008.



For the period, the net CV for this Project Baseline Summary was negative \$910K. This is comprised of a negative \$782K from Legacy Waste Processing and Packaging and negative \$126K from Legacy Waste Disposition. The negative \$782K CV was the result of negative contributions from VF Processing and Packaging and LLW/MLLW Repackaging work packages with the majority from LLW/MLLW Repackaging. In the VF, training for the added video records combined with increased area congestion from material consolidation efforts to avoid asbestos cross contamination from other nearby work activities slowed waste processing progress. For LLW/MLLW Repackaging, high levels of alpha contamination drove higher personnel protection requirements which results in lower productivity rates. The negative \$127K CV from Waste Disposition was primarily a result of the unplanned efforts to create more waste storage space by moving clean empty drum storage to an offsite location.

Corrective Action Planned/Taken

Schedule Corrective Actions - Management and Engineering are evaluating several technologies that will help expedite processing by both reducing the volume of TRU waste requiring processing and improving size reduction operations in the RHWF (e.g., Brokk®, Nitrocision®, filter crusher) and the Vitrification Facility (e.g., Nitrocision®, plasma cutting, multi-head shear). Also, WVES is discussing potential changes with WIPP for packaging requirements for both CH-TRU and RH-TRU wastes. Changes to the packaging requirements have already eliminated the need to repackage drum waste and may decrease the documentation effort required to meet the new packaging instructions. This would accelerate processing and packaging Legacy Waste Processing (10.2100) and Legacy Waste Disposition (10.2200) accounts.

Cost Corrective Actions - It is expected that implementation of one or more of the technologies discussed above will reduce processing time and therefore decrease labor costs. However, the cost of implementing these technologies may off-set a portion of the savings. Processing costs will also decrease if we are successful in bringing the WIPP certified program to the WVDP, eliminating the need to package CH-TRU and RH-TRU waste to the new packaging instructions.

Progress Toward and Estimated Completion of Recovery

A new path forward is being finalized and planned to incorporate the implementation of technologies.

In the VF, floor leveling improvements to increase the workable floor space in the facility are currently being developed, designs to reroute piping for use of existing Nitrocision[®] unit are currently being developed, plasma cutting ventilation and downdraft table is being designed and specification for plasma cutting unit is being prepared, cutting stands to better secure and position items for more effective and efficient size reduction are being designed.

In the RHWF, the Brokk[®] 180 is on order with delivery expected in the third or fourth quarter of this fiscal year, an existing potentially surplus portable Nitrocision[®] unit has been identified and is being pursued, the filter crusher has been delivered, modified and will be installed in the next few weeks.

WVES has evaluated the impacts of the schedule and cost growth 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 scopes (CH-TRU waste shipping, balance of site facilities, shipping of the melter) beyond the planned contract period of performance.

WVES and DOE have agreed on a conceptual path forward toward resolving the misalignment between the contract value (\$265 with fee) the DOE-approved budget baseline (\$311M without fee) and the Estimate at Completion (\$378M with fee). WVES and DOE have agreed upon the scope and priorities to be included as a planning basis for the path forward and efforts continue to review, clarify and finalize the details between DOE and WVES. Once finalized, the baseline plan will be subsequently updated.

3.1.2 PBS OH-WV-0040, Nuclear Facility Decontamination and Dismantlement – West Valley

Extraction Cells: The gantry to support XC-1 operations was installed. Core-boring in Extraction Cell-2 (XC-2) has begun. WVES made critical path progress in March toward preparations to begin deactivation and decontamination of XC-1, with a number of key activities being executed simultaneously. Extension of the 5th floor monorail load test was completed. The installation of a jib crane within the XC-1 containment was completed and load tested to support hatch removal. Onsite training at the vendor location for the operation and maintenance of the new robotic arm for remote deactivation and decontamination of XC-1 has been completed. Twenty-four operators, six supervisors, and two maintenance mechanics completed the week-long training sessions in preparation for the May 1 deployment of the arm in the cell.

Head End Cells: The Nitrocision® robotic tooling was deployed in Process Mechanical Cell (PMC) PBS coating from the walls of the cell. Preliminary results from the first round of operation indicate the pressurized liquid nitrogen tooling will be effective at removing the coating.

Off Gas Aisle: WVES completed core drilling the Acid Recovery Cell (ARC) to support ventilation for deactivation and decontamination activities on the adjacent Off-Gas Cell (OGC). The fabrication of tooling required to pull the OGC Shield Plug is 100% complete. Preparations for grouting the OGC floor to reduce the overall dose rate in-cell are underway and planned for April.

Asbestos Removal: WVES completed asbestos removal in the east stairwell, north stairwell, and Process Crane Room (PCR). Workers continue working on asbestos abatement in the Off-Gas Aisle (OGA), Chemical Operating Aisle (COA), Lower Extraction Aisle (LXA), Upper Extraction Aisle (UXA), East Mechanical Operating Aisle (EMOA), Cell Access Aisle (CAA), Uranium Load Out (ULO) and cleaned up incidental asbestos disturbances in the Analytical Aisle (ANA), UXA, and Control Room.

New Office Space: A revised plan for Ground Level Office (GLO) usage, which includes keeping the Administration Building and E-Lab buildings open and operational, continues to be implemented. Temporarily, 4 units will be placed adjacent to the existing 5 Maintenance GLO units near the Main 2 Warehouse, with the fifth unit being placed on Vit Hill, adjacent to the two Locker GLO units.

Six more of the 30 Parking Lot GLO units were placed in operation in March, with 27 of 30 units now in full use. Electrical service has been provided to the five Maintenance GLO units and they are now in full use.

Site Operations: The steam boilers were shut down on March 29 and will remain out of service until October as part of the annual utility cost savings effort. A plant-wide utility air outage was performed to support OGC isolations in the OGA. Good communication and coordination were employed to allow the outage to occur with no adverse effect or impact to the site ventilation systems.

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 is being discussed further with New York State Energy Research and Development Authority (NYSERDA), U.S. Environmental Protection Agency (USEPA) and the New York State Department of Environmental Conservation (NYSDEC). Analytical results from the off-site lab for the Tank 8D-4 liquid sample have been validated and results confirmed that the liquid is a mixed low-level waste. Activities associated with the disposition of this liquid

have been placed on hold until additional samples of the tank liquid at various elevations are obtained and analyzed. Engineering and field preparations 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 continue; erection of the 8D-4 containment tent and the monorail hoist were completed. The work instruction for removal of the 8D-4 pump pit covers, pump motor, pit jumpers and electrical equipment was issued. The final designs of the demineralizers, the associated shielding vessels and rail systems for 8D-4 liquid decontamination were completed and the WVES review is nearly completed. Monitoring of groundwater infiltration into the vault housing Tank 8D-2 is ongoing following the chemical grouting in the ground surrounding the M-8 pump pit. Preliminary data indicate that this grouting reduced the total vault groundwater infiltration by 40%, with a much higher effectiveness at the M-8 pump pit. Infiltration rates will continue to be monitored during April to determine the longer-term effectiveness of the urethane-based grout injection.

North Plateau Mitigation: The final design review for the PTW was conducted from March 17-30, 2008. Reviewers of the final design included local WVES technical specialists, WVDP-DOE, DOE-EM, Argonne National Laboratory, EPA, NYSDEC (Region 9 and Albany), NRC, NYSERDA, New York State Department of Health (NYSDOH) and the Army Corps of Engineers. Generated comments are targeted to be dispositioned by mid-April 2010.

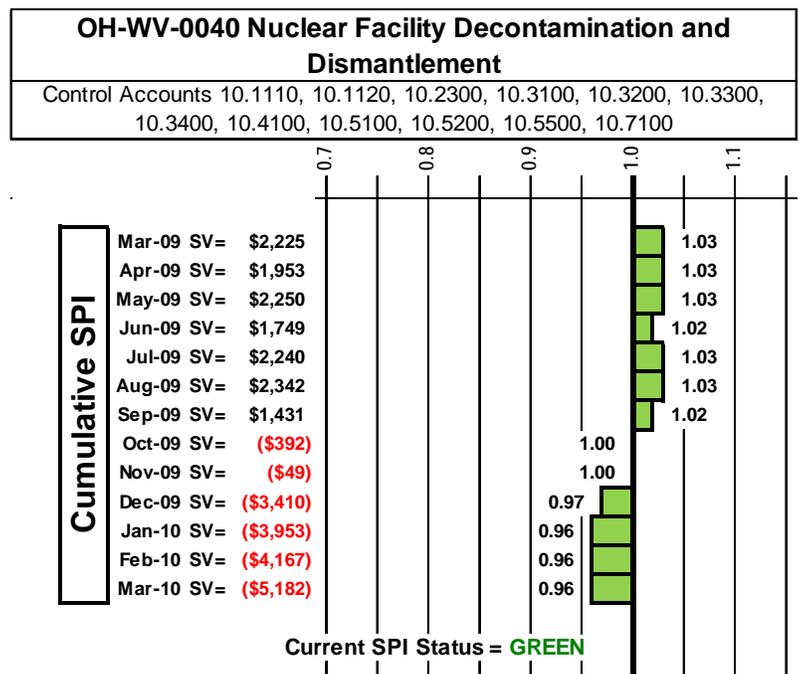
Performance to Schedule

Through March 2010, PBS OH-WV-0040 had a cumulative SPI of 0.96 (green).

The net cumulative negative \$5,182K SV is primarily driven by negative schedule variances in the MPPB (Control Account 10.3100) and WTF Isolation (Control Account 10.3400) of negative \$2,300K and negative \$1,146K, respectively. The other negative \$1,735K is the net result of positive and negative contributions from other control accounts that comprise this PBS.

The current period March 2010 SV was negative \$1,016K. The current period negative SV is primarily driven by Newly Generated Radioactive Waste Disposition with a negative \$433K SV, WTF Isolation with negative \$271K SV, MPPB at negative \$223K SV, and RHWF and VF Decontamination with a negative \$131K SV. The Newly Generated Radioactive Waste Disposition negative SV is a result of no associated waste shipments occurring during the period. The negative SV associated with the WTF Control Account is due to placing the decontamination of the 8D-4 liquid on indefinite hold. The negative SV associated with the MPPB is due to the impacts associated with executing activities in environments with higher than planned contamination levels, as well as restricted access to the Extraction Cells as a result of on-going asbestos activities and spurious contamination found in the Mechanical Operating Aisle (MOA).

PBS OH-WV-0040 has a cumulative negative \$5,182K SV. The following discusses the major contributors to this. MPPB decontamination activities are \$2,300K behind schedule as Extraction Cell, Liquid Waste Cell, Laboratory Hot Cells, and the FRS area decontamination



activities have taken longer than estimated due to higher radiological levels than expected, scaffolding issues and productivity issues. WTF Isolation activities are \$1,146K behind schedule. The WTF delay is caused by a change in strategy for the design efforts which were planned to be performed by a company partner but were changed to a subcontracted scope of work. There is a nine month delay in obtaining regulator approval on the Sampling and Analysis Plan (SAP) and Data Quality Objectives (DQO) plans which have impacted the WTF sampling activities. Also, the erection of the weather shelter over tanks 8D-3 and 8D-4 has taken longer than planned and the preparations for pump removal from the tanks 8D-3 and 8D-4 have taken longer than estimated. There was a residual cumulative negative \$666K SV related to the scheduled RHWF and VF decontamination activities. These activities have been deferred as both facilities continue to be used for RH waste repackaging and size reduction efforts through the contract period.

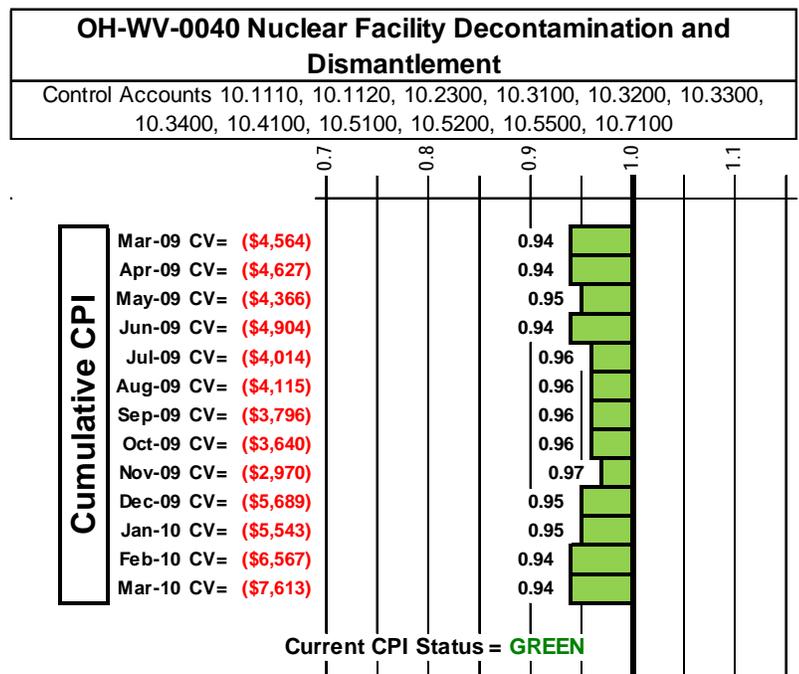
Performance to Cost

Through March 2010, PBS OH-WV-0040 had a cumulative CPI of 0.94 (green).

The net cumulative negative \$7,613K CV is driven by negative CV in the MPPB (Control Account 10.3100), and Site Operations (Control Account 10.1110) of negative \$2,427K CV and \$2,103K CV, respectively. In addition, a residual negative CV of \$2,161K exists from the installation of the NDA cap and barrier wall as part of Control Account 10.1120.

The current period March 2010 CV was negative \$1,046K. The current period negative CV is driven by the MPPB Control Account with a negative \$546K CV, Site Operations with a negative \$193K CV, Regulatory Affairs with a negative \$166K CV and WTF Isolation with a negative \$147K CV. The MPPB negative CV is primarily in the Head End Cell (HEC) and Extraction Cell work packages as a result of higher than anticipated contamination levels that contribute to more personnel protection with resultant lower productivity and the need to work overtime to regain schedule. The Site Operations negative CV is a result of unplanned non-labor charges related to fire protection systems, lifting platform inspections and repairs, HVAC services, increased radiation technician support and arithmetic differences in actual labor rates versus averages. The Regulatory Affairs negative CV was the result of unplanned installation and decommissioning of environmental monitoring wells and actual labor and warehouse charges that were greater than budgeted. The WTF Isolation negative CV is due to unplanned for additional labor and materials for the removal and size reduction of equipment from the 8D-4 pump pit and the use of more costly chemical grout to seal the area around the pit.

PBS OH-WV-0040 has a cumulative negative \$7,613 CV. Elements of the cumulative negative CV include the decontamination activities in the MPPB that are greater than the budgeted cost by \$2,427K. This negative CV is due primarily to the discovery of high contamination levels in the HEC which caused 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. Extraction Cell decontamination activities have a cumulative negative CV which is primarily due to higher than expected contamination levels in Extraction Cell-3 (XC-3), especially in the evaporator vessels.

The related growth in labor is due to 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 to levels that enabled personnel 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 \$153K. 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 CV.

Additionally, NDA groundwater barrier and interim cap activities were \$2,161K 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 \$2,103K CV. The Site Operations and Maintenance account has a negative \$269K CV attributable to an unplanned but necessary replacement of a failed air compressor and \$1,195K in cost overruns associated with installation of the GLO units as the grounding grid, galvanized electrical conduits, grading and asphalt, communications, and other modifications for personnel comfort were greater than planned.

March 2010 Project Activities



Asbestos abatement activities were conducted on the 4th floor of the Main Plant Process Building.



Extension of the 5th floor monorail was completed and the monorail was load tested to support dismantlement and decontamination activities in Extraction Cell-1.

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	BCWP	ACWP	SV	CV	BCWS	BCWP	ACWP	SV	CV	SPI	CPI
		Sched	Complete	Spent	Sched Variance	Cost Variance	Sched	Complete	Spent	Sched Variance	Cost Variance		
Base Contract Total	196,309	5,213	4,213	6,114	(1,000)	(1,901)	164,228	153,753	172,857	(10,475)	(19,104)	0.94	0.89
PBS OH-WV-0013-Solid Waste Stabilization & Disposition	52,291	1,465	1,399	2,309	(66)	(909)	43,089	37,818	49,101	(5,270)	(11,283)	0.88	0.77
102100 Legacy Waste Processing & Repackaging	31,087	834	969	1,752	136	(782)	27,487	21,557	32,657	(5,931)	(11,100)	0.78	0.66
102200 Legacy Waste Disposition	19,042	631	430	557	(201)	(127)	13,439	14,100	14,596	660	(496)	1.05	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	5,808	171	253	198	82	55	5,064	5,042	5,249	(22)	(207)	1.00	0.96
109100 Safeguards & Security	5,808	171	253	198	82	55	5,064	5,042	5,249	(22)	(207)	1.00	0.96
PBS OH-WV-0040 - Nuclear Facility D&D	138,210	3,577	2,561	3,608	(1,016)	(1,047)	116,075	110,893	118,507	(5,182)	(7,614)	0.96	0.94
101110 Site Operations & Maintenance	36,668	925	920	1,113	(5)	(193)	32,060	31,890	33,993	(170)	(2,103)	0.99	0.94
101120 Infrastructure Projects	4,203	-	-	-	-	-	4,203	4,203	6,364	-	(2,161)	1.00	0.66
102300 Newly Generated Rad Waste Disposition	859	433	-	-	(433)	-	525	654	511	129	143	-	1.28
103100 Main Plant Process Building	46,726	1,240	1,018	1,564	(223)	(546)	39,417	37,117	39,544	(2,301)	(2,427)	0.94	0.94
103200 Balance of Site Facilities Disposition	5,468	40	32	(2)	(7)	34	4,326	4,058	4,211	(268)	(154)	0.94	0.96
103300 RHWF & Vitrification Facility Decontamination	1,838	131	-	(3)	(131)	3	666	-	5	(666)	(5)	-	-
103400 Waste Tank Farm Isolation	7,507	346	75	222	(270)	(147)	4,202	3,056	3,589	(1,146)	(533)	-	0.85
104100 Regulatory Affairs	17,921	440	493	660	53	(167)	15,236	14,741	15,126	(495)	(386)	0.97	0.97
105100 DOE Infrastructure Support	1,114	23	22	53	(0)	(31)	998	997	1,141	(1)	(145)	1.00	0.87
105200 EEOICPA (Non D&D Scope)	0	-	-	0	-	(0)	-	-	37	-	(37)	-	-
105500 Canister Storage System Design	935	-	-	0	-	(0)	935	671	521	(264)	150	0.72	1.29
107100 Pension	14,970	-	-	-	-	-	13,507	13,507	13,463	-	44	1.00	1.00
PBS OH-WV-1000 - American Recovery and Reinvestment Act	45,621	3,701	3,030	3,002	(672)	28	24,352	20,774	21,884	(3,578)	(1,110)	0.85	0.95
111000 ARRA Project Support	2,789	62	69	33	7	36	2,468	2,516	2,754	48	(237)	1.02	0.91
112100 ARRA Legacy Waste Process and Repackage	3,312	457	623	222	166	401	2,310	1,789	2,122	(521)	(333)	0.77	0.84
112300 ARRA Newly Generated Rad Waste Disposition	3,817	228	94	79	(134)	15	1,176	405	377	(771)	28	0.34	1.07
113100 ARRA Main Plant Process Building Decontamination	21,940	1,945	1,626	1,795	(318)	(168)	12,950	11,830	11,617	(1,120)	212	0.91	1.02
113110 ARRA MPPB Liquid Waste Solidification System	3,197	372	99	261	(274)	(163)	1,741	1,069	1,017	(672)	52	0.61	1.05
113300 ARRA Accelerated D&D of Vitrification Facility	85	-	-	(2)	-	2	85	85	77	-	8	1.00	1.10
113400 ARRA Tank and Vault Drying System	5,874	362	315	518	(47)	(203)	2,140	2,204	2,957	64	(753)	1.03	0.75
114300 ARRA North Plateau Plume Treatment Wall	2,079	79	204	75	125	129	529	600	513	71	87	1.13	1.17
116300 ARRA 01-14 Facility Removal	2,492	196	-	21	(196)	(21)	918	241	410	(677)	(170)	0.26	0.59
116620 ARRA Balance of Site Facility Foundation Removal	34	-	-	-	-	-	34	34	38	-	(5)	1.00	0.88
116800 ARRA Isolate Lagoons	2	-	-	-	-	-	2	2	2	0	0	-	1.00
Performance Measurement Baseline: Base Contract & ARRA	241,930	8,914	7,243	9,116	(1,671)	(1,874)	188,580	174,528	194,741	(14,053)	(20,214)	0.93	0.90
Undistributed Budget	0	-	-	-	-	-	-	-	-	-	-	-	-
WVES Management Reserve (3)	1,943	-	-	-	-	-	-	-	-	-	-	-	-
WVES Contingency (3)	0	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL WVES	243,873	8,914	7,243	9,116	(1,671)	(1,874)	188,580	174,528	194,741	(14,053)	(20,214)		
Fee	10,026	323	457	457	135	-	10,152	10,132	10,132	(20)	-	-	-
G&A	366	13	25	25	12	-	392	357	357	(35)	-	-	-
Contract Transition	1,330	-	-	-	-	-	1,330	1,330	979	-	351	-	-
DOE Management Reserve	0	-	-	-	-	-	-	-	-	-	-	-	-
Non Project	0	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal	11,722	336	482	482	146	-	11,874	11,819	11,468	(55)	351	-	-
Total Budget Plan - WVES	255,595	9,250	7,725	9,599	(1,525)	(1,874)	200,454	186,347	206,210	(14,107)	(19,863)		

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	12,628	13,416	10,974	2,442	82%
PBS OH-WV-0040 Nuclear Facility Decontamination & Decommissioning-West Valley	1111004 1080	860	23,500	24,360	19,726	4,634	81%
Subtotal Non Defense (Environmental Management) "Obligated to WVES"		1,648	36,128	37,776	30,701	7,075	
PBS OH-WV-0020 Safeguards & Security: Protective Forces	1111139 1079	64	600	664	508	156	76%
PBS OH-WV-0020 Safeguards & Security: Cyber Security	1111143 1079	921	250	1,171	335	836	29%
PBS OH-WV-0020 Safeguards & Security: Program Management	1111147 1079	0	250	250	174	76	70%
Subtotal Defense (Safeguards & Security) "Obligated to WVES"		985	1,100	2,085	1,017	1,068	
Other DOE Funding: EEOICPA (C/A 105200)	3184701/702	8	-	8	2	6	24%
Other DOE Funding: WFO 4900125 (SPRU)	1721310	28	150	178	111	67	62%
Program Management - Department of Energy	1110462 & 459 463	384	96	480	480	-	100%
Other DOE Funding: ARRA 2002180 (American Recovery and Reinvestment Act)	1111380	66,622	-	66,622	15,760	50,862	24%
Overall Total Department Of Energy Funds "Obligated to WVES"		69,674	37,474	107,148	48,070	59,079	

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		Oct	Nov	Dec	Jan	Feb	Mar	April	May	June	July	Aug	Sept	FY 2010 BAC	FY 2010 EAC	FY 2010 VAC	FY 2007-11 BAC	FY 2007-11 EAC	FY 2007-11 VAC
Total WVES Contract	Planned Value	7,884	5,775	7,769	4,208	3,945	4,780	4,819	4,224	5,661	5,574	5,347	6,121	67,162	66,571	501	230,162	286,835	(47,672)
	Earned Value	6,221	5,605	2,598	2,890	2,877	4,213												
	Actual Cost	5,940	5,729	8,480	3,051	4,870	6,114												
	SPI - Monthly	0.79	0.97	0.33	0.68	0.73	0.88												
	CPI - Monthly	1.05	0.98	0.30	0.93	0.89	0.89												
	Est To Complete								6,119	5,905	5,802	5,168	4,357	5,149					
	Bud At Complete	67,379	67,971	67,971	67,615	67,615	67,615	67,615	67,615	67,615	67,615	67,615	67,615	67,615					
Est at Complete	67,308	66,906	66,646	65,539	65,539	65,539	65,539	65,539	65,539	65,539	65,539	65,539	65,539						
PBS OH-WV-0013-Solid Waste Stabilization & Disposition PBS/WBS COST ACCOUNT LEVELS	Planned Value	1,659	1,131	1,967	1,334	1,239	1,465	1,436	1,188	1,653	1,704	1,653	1,157	17,995	23,884	(5,889)	64,107	99,545	(35,437)
	Earned Value	1,660	709	151	337	396	1,399												
	Actual Cost	1,462	1,462	3,262	699	1,956	2,309												
	SPI - Monthly	1.00	0.63	0.09	0.25	0.31	0.96												
	CPI - Monthly	1.14	0.49	0.06	0.48	0.29	0.61												
	Est To Complete							2,299	2,790	2,419	2,229	1,722	2,038						
	Bud At Complete	17,996	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	23,761	23,209	23,209	23,209	23,209	23,209	23,209	23,209	23,209	23,209	23,209						
102100 LEGACY WASTE PROCESS AND REPACKAGING	Planned Value	1,158	522	509	882	710	834	692	633	805	672	442	396	8,215	19,355	(11,140)	34,471	60,915	(26,444)
	Earned Value	515	232	7	219	262	969												
	Actual Cost	1,190	1,149	1,354	980	1,189	1,752												
	SPI - Monthly	0.44	0.44	0.01	0.25	0.37	1.16												
	CPI - Monthly	0.43	0.20	0.01	0.25	0.22	0.35												
	Est To Complete							2,073	2,590	1,950	2,051	1,545	1,702						
	Bud At Complete	8,215	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	18,763	18,211	18,211	18,211	18,211	18,211	18,211	18,211	18,211	18,211	18,211						
102200 LEGACY WASTE DISPOSITION	Planned Value	501	809	1,457	482	529	631	755	555	1,047	1,032	1,421	791	9,780	4,529	5,251	27,475	36,780	(9,305)
	Earned Value	1,145	477	174	119	125	430												
	Actual Cost	272	303	1,306	(152)	145	357												
	SPI - Monthly	2.29	0.78	0.12	0.26	0.24	0.68												
	CPI - Monthly	4.20	1.58	0.09	(0.65)	0.66	0.77												
	Est To Complete							166	200	469	178	177	336						
	Bud At Complete	9,781	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	4,398	4,398	4,398	4,398	4,398	4,398	4,398	4,398	4,398	4,398	4,398	4,398	4,398						
102400 DRUM CELL DISPOSITION	Planned Value																		
	Earned Value																		
	Actual Cost																		
	SPI - Monthly																		
	CPI - Monthly																		
	Est To Complete																		
	Bud At Complete																		
Est at Complete																			
PBS OH-WV-0020 - Safeguards & Security 109100 SAGEGUARDS AND SECURITY PBS/WBS COST ACCOUNT LEVEL	Planned Value	158	148	171	136	136	171	136	136	168	95	95	114	1,663	2,181	(518)	7,329	8,334	(1,005)
	Earned Value	188	125	124	210	133	253												
	Actual Cost	187	110	206	229	153	198												
	SPI - Monthly	1.18	0.84	0.73	1.54	0.98	1.48												
	CPI - Monthly	1.00	1.13	0.60	0.91	0.87	1.28												
	Est To Complete							179	178	204	206	161	194						
	Bud At Complete	1,664	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	2,266	2,305	2,305	2,305	2,305	2,305	2,305	2,305	2,305	2,305	2,305						
PBS OH-WV-0040 - Nuclear Facility D&D PBS/WBS COST ACCOUNT LEVELS	Planned Value	6,067	4,496	5,632	2,827	2,570	3,145	3,246	2,900	3,640	3,776	3,389	4,850	47,504	40,506	6,998	167,726	178,967	(11,231)
	Earned Value	4,373	4,771	2,292	2,384	2,368	2,561												
	Actual Cost	4,291	4,167	5,013	2,123	3,363	3,608												
	SPI - Monthly	0.72	1.06	0.40	0.81	0.92	0.81												
	CPI - Monthly	1.02	1.15	0.45	1.08	0.70	0.71												
	Est To Complete							3,701	2,927	3,180	2,733	2,474	2,917						
	Bud At Complete	47,719	48,311	48,311	47,955	47,955	47,955	47,955	47,955	47,955	47,955	47,955	47,955	47,955					
Est at Complete	41,152	40,615	40,619	40,026	40,026	40,026	40,026	40,026	40,026	40,026	40,026	40,026	40,026						
101110 SITE OPERATIONS AND MAINTENANCE	Planned Value	1,158	847	1,183	746	740	925	740	708	885	709	708	839	10,207	13,366	(3,159)	44,733	45,925	(892)
	Earned Value	1,348	808	721	768	773	920												
	Actual Cost	1,328	1,407	1,391	778	1,215	1,113												
	SPI - Monthly	1.18	0.95	0.61	1.03	1.04	0.99												
	CPI - Monthly	1.02	0.97	0.96	0.99	0.94	0.83												
	Est To Complete							1,098	855	939	857	852	932						
	Bud At Complete	10,208	10,208	10,208	10,208	10,208	10,208	10,208	10,208	10,208	10,208	10,208	10,208	10,208					
Est at Complete	11,398	11,398	11,398	11,398	11,398	11,398	11,398	11,398	11,398	11,398	11,398	11,398	11,398						
101120 INFRASTRUCTURE PROJECTS	Planned Value																		
	Earned Value																		
	Actual Cost																		
	SPI - Monthly																		
	CPI - Monthly																		
	Est To Complete																		
	Bud At Complete																		
Est at Complete																			
102300 NEWLY GENERATED RAD WASTE DISPOSITION	Planned Value			(0)			453				87	161	87	768	81	685	2,172	2,336	(363)
	Earned Value			(12)															
	Actual Cost			80	4	0													
	SPI - Monthly			229.60															
	CPI - Monthly			(0.15)															
	Est To Complete																		
	Bud At Complete	767	767	767	767	767	767	767	767	767	767	767	767	767					
Est at Complete	600	600	600	600	600	600	600	600	600	600	600	600	600						

TOTAL PROJECT EARNED VALUE REPORT		Oct	Nov	Dec	Jan	Feb	Mar	April	May	June	July	Aug	Sept	FY 2010 BAC	FY 2010 EAC	FY 2010 VAC	FY 2007-11 BAC	FY 2007-11 EAC	FY 2007-11 VAC	
103100 MAIN PLANT PROCESS BUILDING	Planned Value	2,848	2,457	2,598	1,437	1,241	1,240	1,025	1,046	1,451	1,134	1,192	1,461	19,129	17,258	1,871	55,891	61,173	(5,282)	
	Earned Value	2,315	2,306	736	769	1,023	1,018													
	Actual Cost	1,860	1,760	1,863	751	1,332	1,564									9,151				
	SPI - Monthly	0.81	0.94	0.28	0.53	0.82	0.82													
	CPI - Monthly	1.24	1.31	0.39	1.02	0.77	0.65													
	Est To Complete								1,835	1,323	1,532	1,118	969	1,314						
	Bud At Complete	19,492	19,492	19,492	19,135	19,135	19,135	19,135	19,135	19,135	19,135	19,135	19,135	19,135						
	Est at Complete	15,917	15,917	15,917	15,405	15,405	15,405	15,405	15,405	15,405	15,405	15,405	15,405	15,405		17,243				
103200 BALANCE OF SITE FACILITIES DISPOSITION	Planned Value	49	45	34	28	28	40	124	162	213	358	178	106	1,365	179	1,186	7,101	6,825	276	
	Earned Value	38	32	22	27	29	32													
	Actual Cost	19	10	39	9	3	(2)								78					
	SPI - Monthly	0.77	0.71	0.63	0.98	1.04	0.82													
	CPI - Monthly	2.03	3.11	0.56	3.05	9.50	(19.87)													
	Est To Complete							1	9	53	26	1	1		91					
	Bud At Complete	1,365	1,365	1,365	1,365	1,365	1,365	1,365	1,365	1,365	1,365	1,365	1,365	1,365						
	Est at Complete	317	317	317	256	256	256	256	256	256	256	256	256	256		169				
103300 RHWF AND VITRIFICATION FACILITY DECON	Planned Value	204	66	82	78	105	131	104	189	238	377	172	154	1,838	0	1,838	2,599	2,921	(322)	
	Earned Value																			
	Actual Cost	-	-	-	7	5	(3)									3				
	SPI - Monthly																			
	CPI - Monthly																			
	Est To Complete																			
	Bud At Complete	1,838	1,838	1,838	1,838	1,838	1,838	1,838	1,838	1,838	1,838	1,838	1,838	1,838						
	Est at Complete	0	0	0	0	0	0	0	0	0	0	0	0	0		3				
103400 WASTE TANK FARM ISOLATION	Planned Value	536	371	383	55	54	346	329	452	445	380	471	1,230	5,050	2,793	2,257	8,249	9,014	(765)	
	Earned Value	294	193	211	192	192	75													
	Actual Cost	317	209	276	195	217	222									1,498				
	SPI - Monthly	0.55	0.36	0.55	3.48	2.44	0.22													
	CPI - Monthly	0.93	0.64	0.76	0.98	0.61	0.34													
	Est To Complete							182	251	203	261	234	237		1,368					
	Bud At Complete	5,340	5,340	5,340	5,340	5,340	5,340	5,340	5,340	5,340	5,340	5,340	5,340	5,340						
	Est at Complete	2,760	2,760	2,760	2,793	2,793	2,793	2,793	2,793	2,793	2,793	2,793	2,793	2,793		2,804				
104100 REGULATORY AFFAIRS	Planned Value	487	511	711	466	384	440	349	326	389	303	650	688	5,684	5,985	(301)	21,266	23,286	(2,020)	
	Earned Value	357	301	534	381	382	493													
	Actual Cost	538	534	639	287	593	660									3,250				
	SPI - Monthly	0.73	0.59	0.75	0.82	0.99	1.12													
	CPI - Monthly	0.66	0.56	0.84	1.33	0.64	0.75													
	Est To Complete							563	479	432	451	398	412		2,736					
	Bud At Complete	5,836	5,836	5,836	5,836	5,836	5,836	5,836	5,836	5,836	5,836	5,836	5,836	5,836						
	Est at Complete	5,396	5,396	5,396	5,342	5,342	5,342	5,342	5,342	5,342	5,342	5,342	5,342	5,342		5,986				
105100 DCE INFRASTRUCTURE SUPPORT	Planned Value	19	18	433	18	18	23	18	18	23	18	18	22	645	620	25	1,361	1,448	(87)	
	Earned Value	20	427	21	18	19	22													
	Actual Cost	246	137	28	33	25	53									522				
	SPI - Monthly	1.06	23.64	0.05	0.98	1.04	0.99													
	CPI - Monthly	0.08	3.11	0.76	0.54	0.75	0.42													
	Est To Complete							22	20	20	20	20	20		122					
	Bud At Complete	645	645	645	645	645	645	645	645	645	645	645	645	645						
	Est at Complete	594	594	594	603	603	603	603	603	603	603	603	603	603		644				
105200 EEO/CPA SUPPORT	Planned Value	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	37	(37)	
	Earned Value																			
	Actual Cost	7	7		7	(0)										2				
	SPI - Monthly																			
	CPI - Monthly																			
	Est To Complete																			
	Bud At Complete																			
	Est at Complete	1	1	1	1	1	1	1	1	1	1	1	1	1		2				
105500 CANISTER STORAGE DESIGN	Planned Value	204	160	208										592	223	369	935	836	398	
	Earned Value	75	66	90	130															
	Actual Cost	(16)	109	76	65	(8)	0									226				
	SPI - Monthly	0	0.36	0.43																
	CPI - Monthly	(5)	0.60	1.18	2.01															
	Est To Complete							0	0	0	0	0	0							
	Bud At Complete	592	592	592	592	592	592	592	592	592	592	592	592	592						
	Est at Complete	226	226	231	223	223	223	223	223	223	223	223	223	223		226				
107100 PENSION	Planned Value	765						557					350	2,228	0	2,228	19,216	19,191	25	
	Earned Value																			
	Actual Cost	-	765																	
	SPI - Monthly																			
	CPI - Monthly																			
	Est To Complete																			
	Bud At Complete	2,228	2,228	2,228	2,228	2,228	2,228	2,228	2,228	2,228	2,228	2,228	2,228	2,228						
	Est at Complete	4,171	3,406	3,406	3,406	3,406	3,406	3,406	3,406	3,406	3,406	3,406	3,406	3,406		-				

COST PERFORMANCE REPORT - FORMAT 1											PAGE 1			
BASE CONTRACT											COST IN USD x1,000			
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) 2010/02/27		
b. LOCATION (Address and ZIP Code) 10282 Rock Springs Road West Valley, NY 14171				b. NUMBER DE-AC30-07CC30000				b. PHASE (X one) <input type="checkbox"/> RDT&E <input type="checkbox"/> PRODUCTION				b. TO (YYYY/MM/DD) 2010/04/02		
c. TYPE				d. SHARE RATIO										
5. CONTRACT DATA														
a. QUANTITY	b. NEGOTIATED COST	c. EST. COST OF AUTH. UNPRICED WORK	d. FEE % / TARGET PROFIT	e. TARGET PRICE	f. ESTIMATED PRICE	g. CONTRACT CEILING	h. ESTIMATED CONTRACT CEILING							
0	179,962	0	12,744	192,707	0	0	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	286,835			c. SIGNATURE 				d. DATE SIGNED (YYYY/MM/DD) 2010/04/19						
b. WORST CASE	286,835													
c. MOST LIKELY	286,835	179,962	-106,872											
8. PERFORMANCE DATA														
FUNDING SOURCE	DESCRIPTION (1)	CURRENT PERIOD					CUMULATIVE TO DATE					AT COMPLETION		
		BUDGETED COST		ACTUAL COST WORK PERFORMED (6)	VARIANCE		BUDGETED COST		ACTUAL COST WORK PERFORMED (9)	VARIANCE		BUDGETED (12)	ESTIMATED (13)	VARIANCE (14)
		WORK SCHEDULED (2)	WORK PERFORMED (3)		SCHEDULED (5)	COST (8)	WORK SCHEDULED (7)	WORK PERFORMED (8)		SCHEDULED (10)	COST (11)			
13	Solid Waste Stabilization and Disposition - West Valley	1,464	1,399	2,308	-65	-909	43,088	37,818	49,101	-5,270	-11,283	64,108	99,544	-35,435
20	Safeguard and Security - West Valley	170	252	197	82	54	5,064	5,041	5,249	-22	-207	7,329	8,333	-1,004
40	Nuclear Facility Decontamination and Decommissioning - West...	3,577	2,561	3,608	-1,016	-1,046	116,074	110,892	118,506	-5,182	-7,613	167,724	178,957	-11,233
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)		5,212	4,213	6,114	-999	-1,901	164,227	153,753	172,857	-10,474	-19,103	239,182	288,835	-47,672
MANAGEMENT RESERVE												1,942		
TOTAL		5,212	4,213	6,114	-999	-1,901	164,227	153,753	172,857	-10,474	-19,103	241,105		

COST PERFORMANCE REPORT - FORMAT 2												PAGE 1		
BASE CONTRACT												COST IN USD x1,000		
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) 2010/02/27				
b. LOCATION (Address and ZIP Code) 10282 Rock Springs Road West Valley, NY 14171			b. NUMBER DE-AC30-07CC30000		c. TYPE CPAF		d. SHARE RATIO		b. PHASE (X one) <input type="checkbox"/> RDT&E <input type="checkbox"/> PRODUCTION			b. TO (YYYY/MM/DD) 2010/04/02		
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		1,004	1,001	1,746	-2	-745	38,844	31,979	45,086	-6,865	-13,106	50,537	78,876	-28,338
DM Dan Meess		345	75	222	-270	-147	4,201	3,055	3,589	-1,146	-533	8,249	9,013	-764
JB Jim Baker		925	920	1,113	-5	-193	32,060	31,889	33,993	-170	-2,103	44,733	45,625	-891
JnB John Bordini		1,240	1,017	1,563	-222	-546	39,417	37,116	39,543	-2,300	-2,427	55,886	61,173	-5,286
KM Kim Mansfield		440	493	659	52	-166	15,235	14,740	15,126	-495	-385	21,266	23,266	-2,020
LC Lettie Chilson		0	0	0	0	-0	934	671	521	-263	149	934	535	398
LO Laura Ortega		22	22	53	-0	-30	14,504	14,503	14,641	-0	-137	20,577	20,676	-98
PL Peggy Loop		1,063	429	556	-633	-126	13,964	14,754	15,106	789	-352	29,648	39,315	-9,667
RL Rick Love		170	252	197	82	54	5,064	5,041	5,249	-22	-207	7,329	8,333	-1,004
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)		5,212	4,213	6,114	-999	-1,901	164,227	153,753	172,857	-10,474	-19,103	239,162	286,835	-47,672
MANAGEMENT RESERVE												1,942		
TOTAL		5,212	4,213	6,114	-999	-1,901	164,227	153,753	172,857	-10,474	-19,103	241,105		

COST PERFORMANCE REPORT - FORMAT 3													PAGE 1			
BASE CONTRACT													COST IN USD x1,000			
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) 2010/02/27						
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) 2010/04/02						
			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 31,007		c. CURRENT NEGOTIATED COST (a. + b.) 179,962		d. ESTIMATED COST OF AUTHORIZED UNPRICED WORK 0		e. CONTRACT BUDGET BASE (c. + d.) 179,962		f. TOTAL ALLOCATED BUDGET 239,162		g. DIFFERENCE (e. - f.) -59,200				
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)	BOWS FOR REPORT PERIOD (3)	BUDGETED COST FOR WORK SCHEDULED (BCWS) (Non-Cumulative)										UNDIS-TRIBUTED BUDGET (15)	TOTAL BUDGET (16)	
				SIX MONTH FORECAST						SPECIFIED PERIODS						
				APR '10 (4)	MAY '10 (5)	JUN '10 (6)	JUL '10 (7)	AUG '10 (8)	SEP '10 (9)	FY 2011 (10)	FY 2012 (11)	FY 2013 (12)	TO COMP. (13)			(14)
10	Base Contract	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CHANGES																0
PERFORMANCE MEASUREMENT BASELINE		164,227		4,819	4,224	5,660	5,661	5,506	6,207	42,854	0	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) (20100227)				
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) (20100402)				
		c. TYPE		d. SHARE RATIO		c. EVMS ACCEPTANCE YES (20090929)								
5. PERFORMANCE DATA (All figures in whole numbers)														
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 Apr-10 (4)	+2 May-10 (5)	+3 Jun-10 (6)	+4 Jul-10 (7)	+5 Aug-10 (8)	+6 Sep-10 (9)	FY 2011 (10)	(11)	(12)	(13)	(14)	
Base Contract														
Exempt - Hours FTE's	12,244 78	342,187 78	9,129 70	9,032 69	10,341 69	8,994 69	9,007 69	10,208 68	98,112 60					497,009
Non-Exempt - Hours FTE's	1,367 9	43,900 10	939 7	939 7	1,080 7	939 7	939 7	1,080 7	10,541 6					60,356
Hourly - Hours FTE's	23,251 148	559,973 127	16,549 127	16,875 129	19,361 129	16,940 130	16,679 128	19,631 120	193,742 118					859,751
6. TOTAL DIRECT - Hours	36,862	946,060	26,617	26,845	30,782	26,873	26,625	30,919	302,395	0	0	0	0	1,417,116
6. TOTAL DIRECT - FTE'S	235	215	204	206	205	206	204	195	185	0	0	0	0	

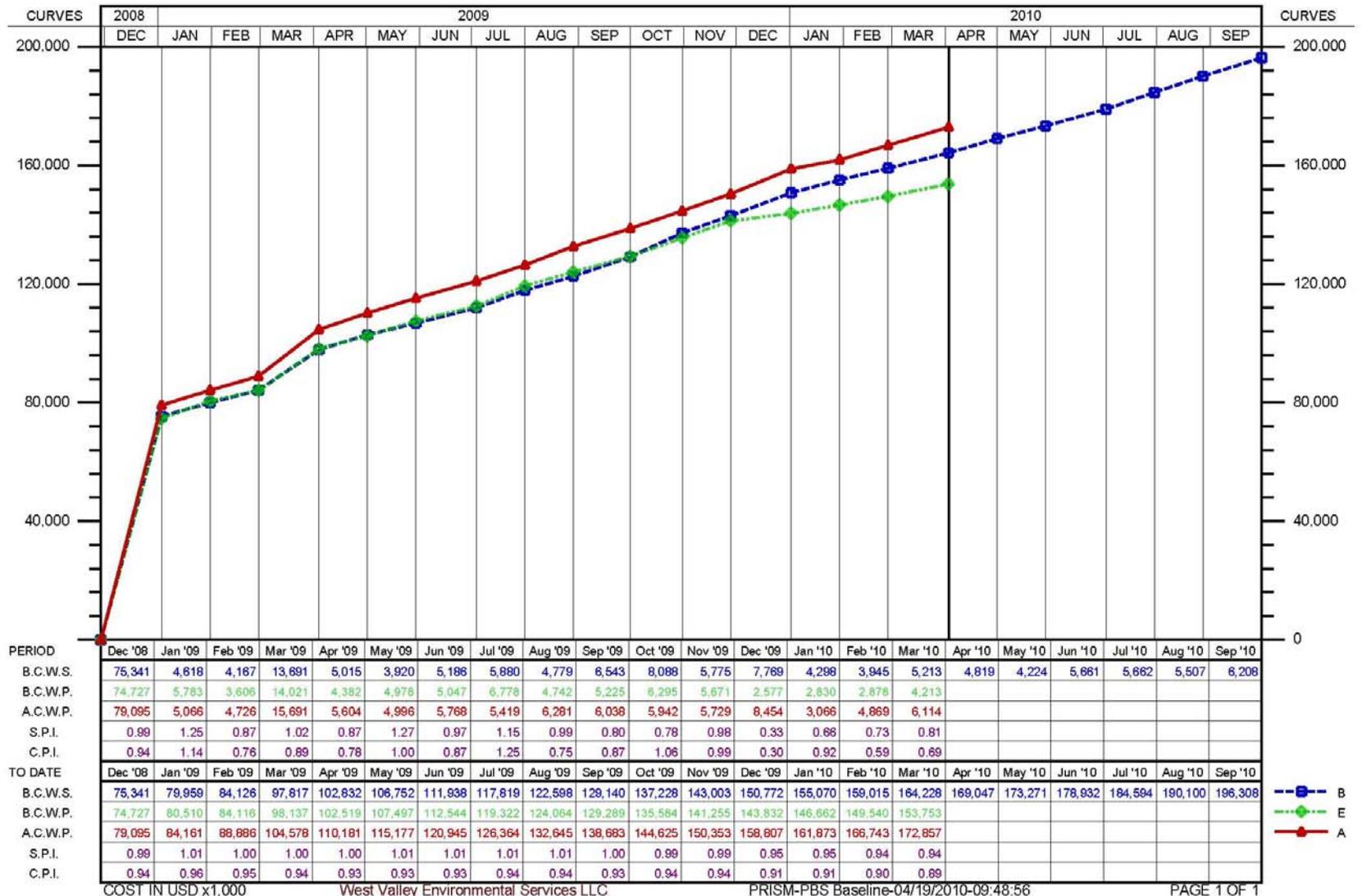
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LOCAL REPRODUCTION AUTHORIZED.

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 DRUMCELL 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 & NITROCISSION	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 Total		-	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												

WVES BASE CONTRACT



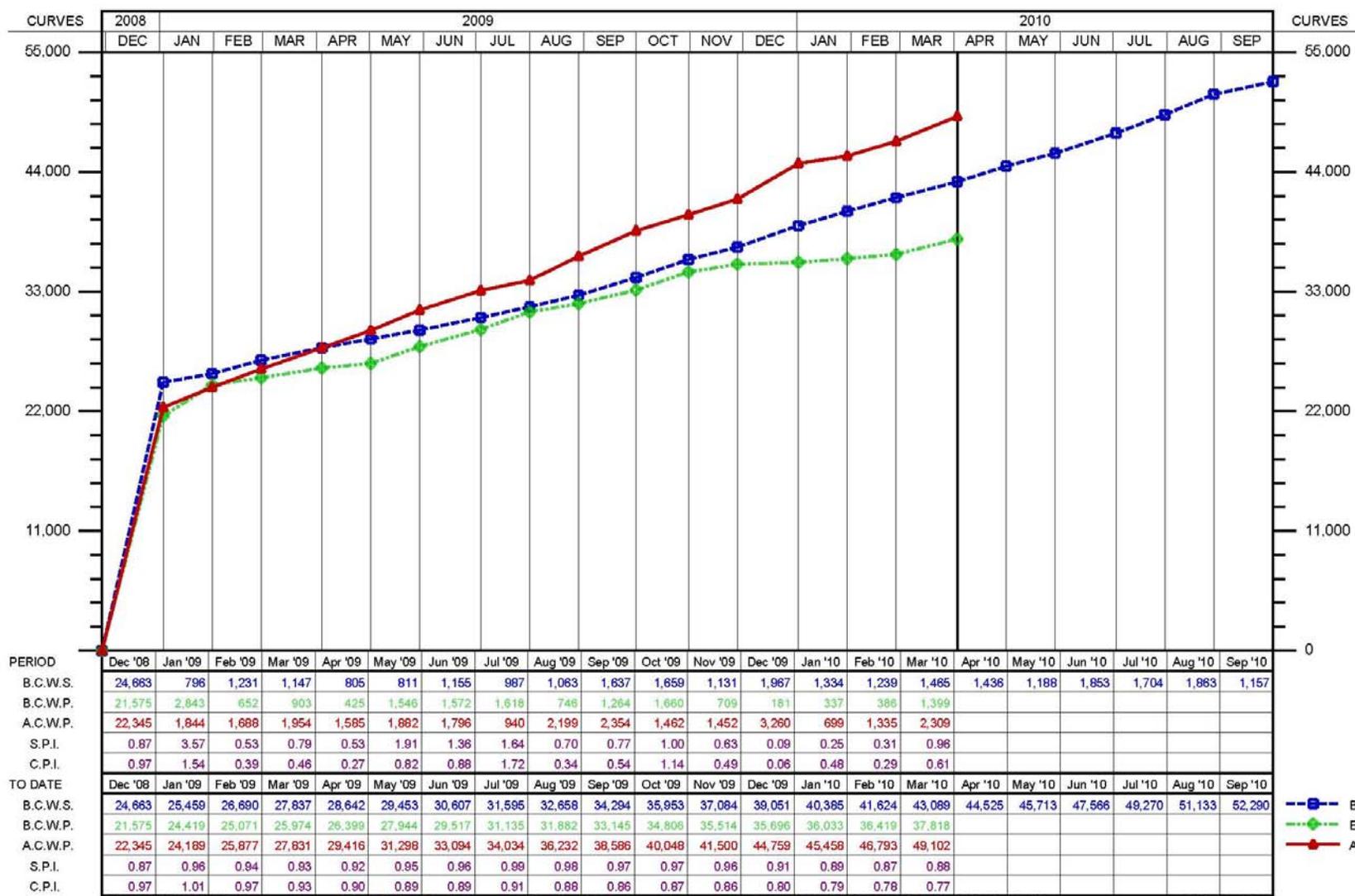
COST IN USD x1,000

West Valley Environmental Services LLC

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PBS OH-WV-0013 SOLID WASTE STABILIZATION & DISPOSITION



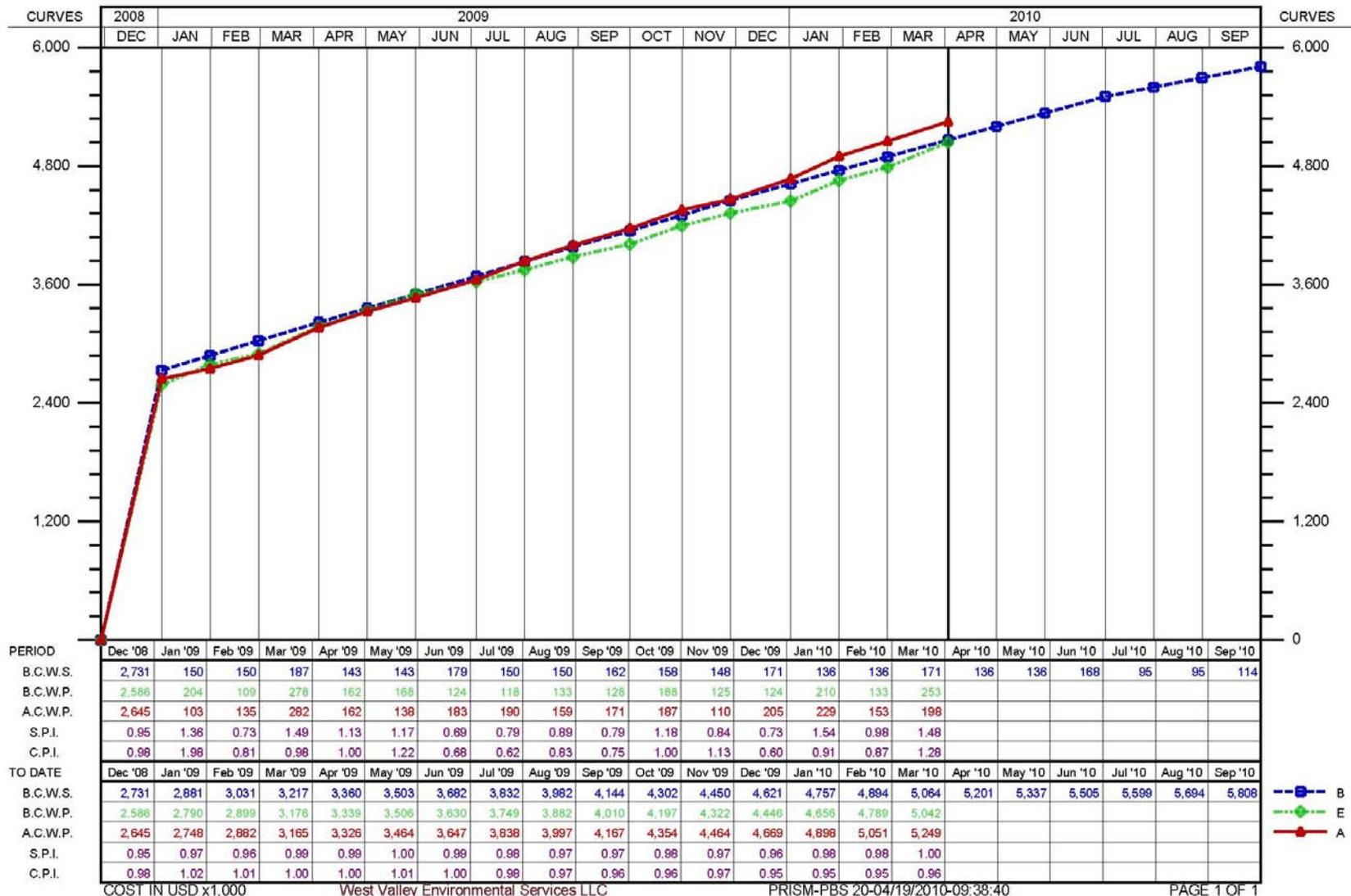
COST IN USD x1,000

West Valley Environmental Services LLC

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PBS OH-WV-0020 SAFEGUARDS AND SECURITY



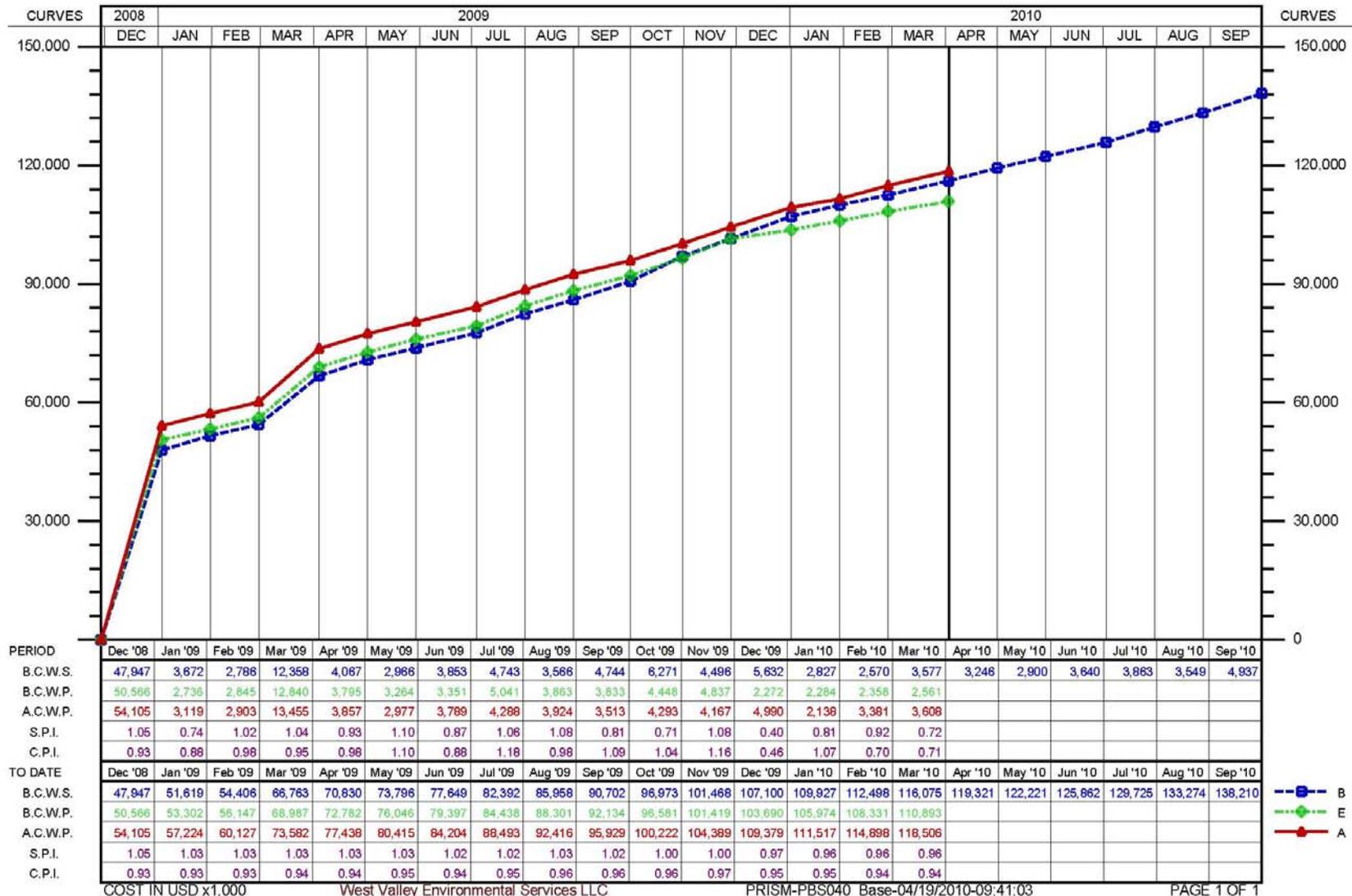
COST IN USD x1,000

West Valley Environmental Services LLC

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PBS OH-WV-0040 Nuclear Facility Decontamination & Decommissioning



COST IN USD x1,000

West Valley Environmental Services LLC

PRISM-PBS040 Base-04/19/2010-09:41:03

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BASELINE CONTROL LOG						PROJECT MANAGER:							
CONTRACT NAME: West Valley Demonstration Project						John McKibbin							
CONTRACT NUMBER: DE-AC30-07CC30000						Orig Contract Target Cost: \$148,954,774		REPORT AS OF: March, 2010					
TRANS-ACTION No.	DATE	AUTHORIZE DOCUMENT	DESCRIPTION OF CHANGE / REFERENCE	WBVS	SCHEDULE IMPACT	TOTAL ESTIMATED COST (TEC) (Excl. Fee)	AUTHORIZED WORK (AWW)	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-AC30-07CC30000	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		
3	12/14/2007		Baseline submittal	Multiple		0	0	18,058,645	0	167,347,000	(147,024,655)	185,110,300	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		
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		
8	3/26/2008	MO08	Contract Modification	Multiple	N	4,083,996	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 WFO02 for all work scopes, move \$67 K for engineering to WFO12 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		
11	4/2/2008	2008007	Cancelled superseded by 2008006	Multiple	N	0	0	0	0	167,347,000	0	167,347,000	167,347,000
12	4/1/2008	MO11	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	MO12	Contract Modification	101120001	N	4,202,415	0	0	0	167,347,000	0	167,347,000	167,347,000
14	4/1/2008	MO13	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		
16	5/20/2008	MO15	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		
18	6/2/2008	MO17	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 2008018	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						168,369,060	0	218,148,104	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	(98,001)	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						168,369,060	0	218,804,540	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-AC36-07CC30000				Orig Contract Target Cost: \$148,954,774			REPORT AS OF: March, 2010						
TRANSACTION 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 (DISTRIBUTE-D) BUDGET	CONTRACT BUDGET BASE (CBB) (Cumulative)
			END OF OCTOBER 2009 PERFORMANCE PERIOD			168,369,060	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			168,369,060	0	218,686,640	0		0	0	
31	12/10/2008	M030	Contract Modification	Multiple	N	1,157,695	0	0	0	218,686,640	0	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	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	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	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 remozed equipment for the new XC1 arm.	103100004	Y	0	0	962,711	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

CONTRACT NUMBER: DE-AC30-07CC30000				Orig Contract Target Cost: \$149,954,774			REPORT AS OF: March, 2010						
TRANSACTION 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 (DISTRIBUTE-D) BUDGET	CONTRACT BUDGET BASE (CBB) (Cumulative)
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 Natl 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	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. Nitrocrision'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	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	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	1	0	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 nitrocrision 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 remozified prototype tools for PMC and GPC decontamination.	103100003	Y	0	0	999,052	0	236,016,221	0	236,016,221	236,016,221

CONTRACT NUMBER: DE-AC30-07CC30000					Orig Contract Target Cost: \$148,954,774			REPORT AS OF: March, 2010					
TRANS-ACTION No.	DATE	AUTHORIZE DOCUMENT	DESCRIPTION OF CHANGE / REFERENCE	WBS	SCHED IMPACT ?	TOTAL ESTIMATED COST (TEC) (if not 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)
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	0	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)	0	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 Resubmittal	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	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		
		None								305,132,665		305,132,665	311,313,853
END OF JANUARY 2010 PERFORMANCE PERIOD						246,671,373	0	311,313,853	6,181,188		0		
		None								305,132,665		305,132,665	311,313,853
END OF FEBRUARY 2010 PERFORMANCE PERIOD						246,671,373	0	311,313,853	6,181,188		0		
106	3/10/2010	Mod 067	Hardstands	103400	Y	(592,383)							
107	3/18/2010	Mod 068	NDA Cap	112000	Y	2,162,000							
END OF March 2010 PERFORMANCE PERIOD						248,240,990	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			250,171,109							

WVES Milestone Report – March 2010					
PBS	Title	Milestone	Baseline Date	Forecast Date	Actual Date
OH-WV -0013	Complete Processing Legacy Waste	RHWF-1	07/30/2010	04/29/2011	
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	01/17/2011	
OH-WV-0040	Remote Handled Waste/Vitrification Facility Demo Plan Approved	VIT/RH-1	02/02/2011	08/29/2011	
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

Realized Risk Table – Base Contract Component

- 1) **Risks Not Yet Included in WVDP-473 (Base Contract):** No new risks were identified in the current reporting period.
- 2) **Realized Risks (Base Contract):** See table below for a list of risks that have occurred in the current reporting period (or previously realized risks whose resolution is still pending).

Related Risk # (WVDP-473, Rev 6)	Risk Title	Detailed Description of Event	Date Risk Realized	Date Change Paper Submitted	Approval Date
1a	Identification of Unexpected Asbestos Containing Materials	<p>On Friday, 2/26/2010, WVES received asbestos clearance sample results for work performed in the Process Chemical Room which were above the free release criteria. As a crew was removing pipes and ducts from within a containment area, some asbestos-laden insulation around the pipes became dislodged and airborne just outside the containment area from vibrations from the pipe being cut into pieces. Work was suspended and the entire fourth floor was secured to prevent access. A fact finding meeting was conducted and an investigation initiated. WVES then systematically evaluated all areas in the Main Plant to determine if removal/remediation or application of fixative is necessary. Work was shut down on the fourth floor of the Main Plant for two weeks as clean up crews responded to mitigate the hazard. Evaluations were performed and a plan developed on how work would proceed to ensure containment of asbestos as removal jobs continue. The crews removing the pipes will now use a different cutting method to lessen the vibrations along the pipe outside the area contained in plastic. In addition, areas just outside containment areas will routinely be sampled as a precaution.</p>	February 26, 2010	Pending	Pending
24	Unanticipated Challenges Encountered During Mitigation of Groundwater Infiltration into 8D-2 Vault	<p>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</p>	October 27, 2009	If necessary. Mitigation being pursued to recover cost and schedule impacts.	Pending

Related Risk # (WVDP-473, Rev 6)	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	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 Path to Contract Completion baseline incorporating the funding constraint has been prepared and submitted to for DOE approval.	May 2009	Pending	Pending

Related Risk # (WVDP-473, Rev 6)	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 negotiated and approved (contract Mod 068 issued 03/18/10).
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 negotiated and approved (contract Mod 068 issued 03/18/10).

Related Risk # (WVDP-473, Rev 6)	Risk Title	Detailed Description of Event	Date Risk Realized	Date Change Paper Submitted	Approval Date
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 negotiated and approved (contract Mod 068 issued 03/18/10).
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 negotiated and approved (contract Mod 068 issued 03/18/10).

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

**West Valley Demonstration Project
Mar 2010 Monthly Shipping Report**

Waste for Which A Request to Ship Radioactive Material (RAM) was Submitted and Approved

Shipping Site	Waste Description	Receiving Facility	Mode	Number of Shipments	Package Types	Total Volume	Unit
WVDP	LLW Solids (ARRA Waste)	EnergySolutions Clive, UT	Highway	1	IP-1, IP-2	1,500	Cubic Feet

Actual Waste Shipped for the Month

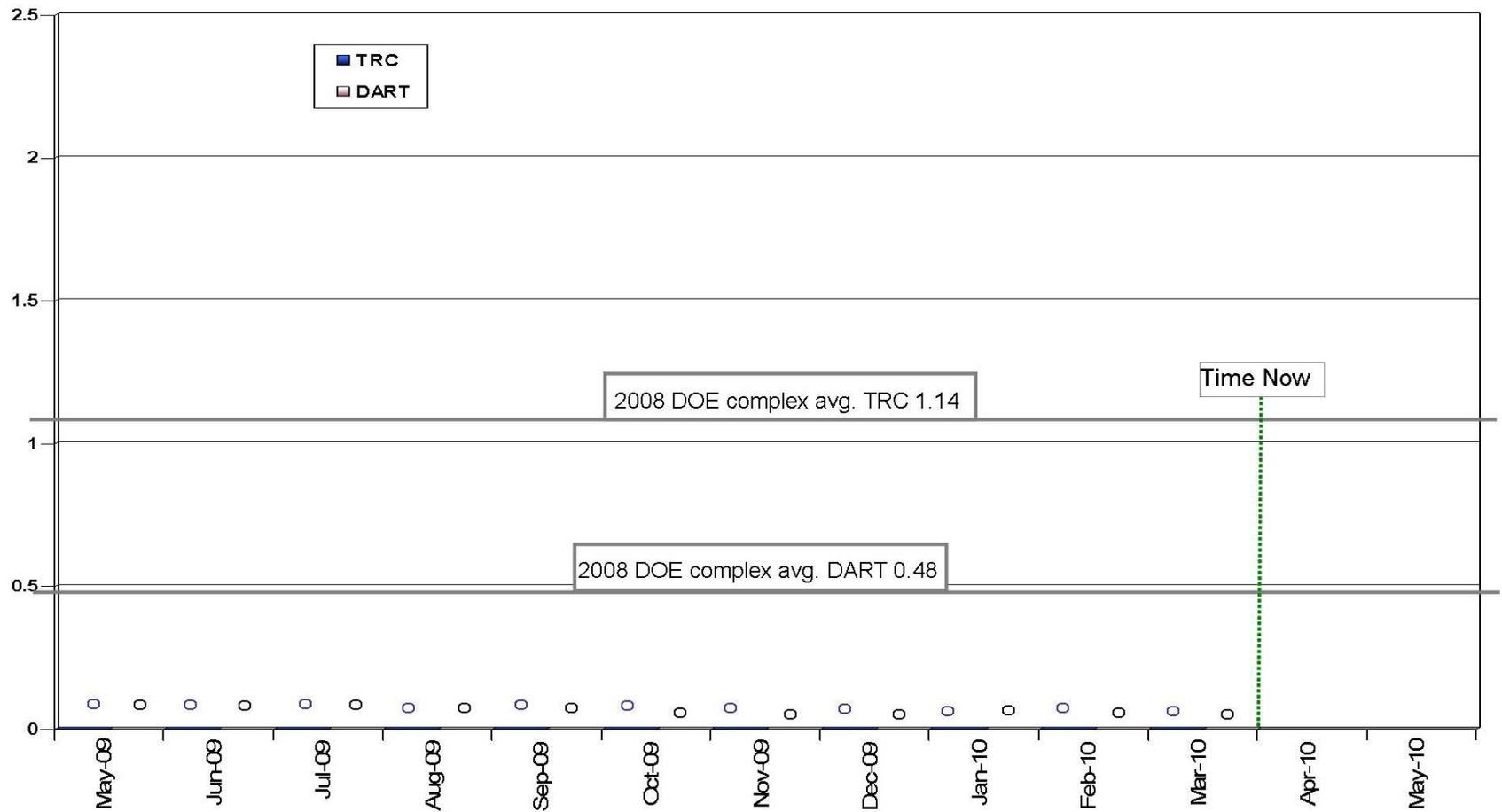
Shipment Date	Waste Description	Receiving Facility	Mode	Number of Shipments	Package Types	Manifested Volume (ft ³)	Manifested Volume (m ³)	Legacy Waste (ft ³)	Legacy Waste (m ³)	Remediation (ft ³)	Remediation (m ³)	Remediation (ft ³) ARRA	Remediation (m ³) ARRA	Approval No.
3/23/2010	LLW	EnergySolutions	Highway	1	IP-1	1,442	40.8					1,442	40.8	3249
				1	Mar Totals	1,442	41	0	0	0	0	1,442	41	
					To-Date "Credit Volume" Totals			47,736	1,351	37,314	1,056	2,884	82	
					To-Date "Manifest Volume" Totals			74,121	2,099	33,713	955	2,884	82	

Credit Volume = Actual volume of waste removed from on-site lag storage areas

Manifest Volume = Volume of Waste manifested on a truck for shipment

WVDP ARRA Safety Performance

Cumulative Project to Date March 2010



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

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

3.2 Monthly Performance Analysis Summary – ARRA Portion of Contract

The Tank and Vault Drying System (T&VDS) is ahead of schedule due to receipt of the rotary dryer assembly sooner than planned and more progress on the shop-fabricated piping lines than planned. This is not reflected in the monthly performance data due to the inability to take approximately \$200K performance on an activity that still remains in a planning package.

The 01-14 Building demolition shows -59 days behind the scheduled milestone completion date of October 31, 2010. WVES has purposely put this work on hold anticipating authorization to move critical scope from baseline to ARRA scope in lieu of 01-14 Building demolition.

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

Work Status

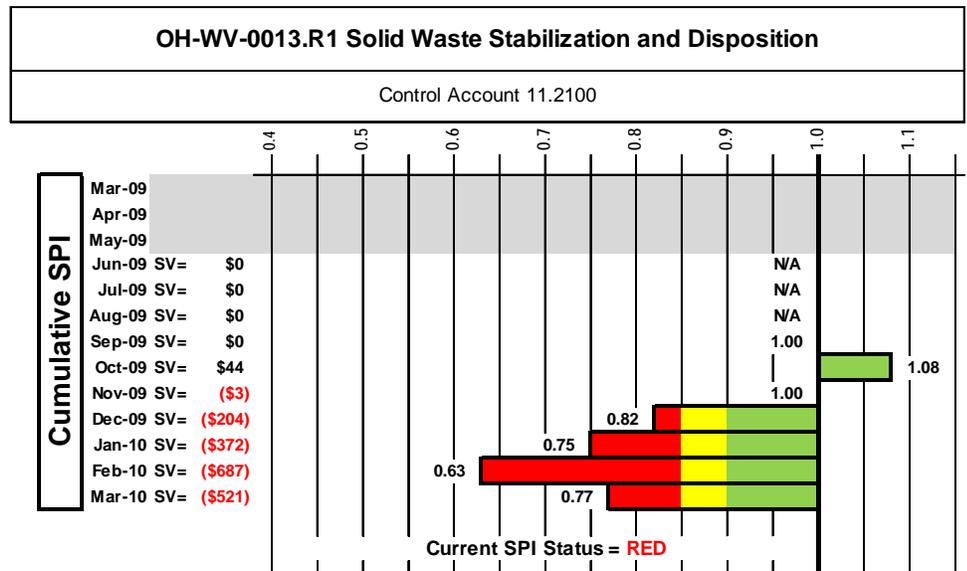
For the month of March 2010 a total of 1,973 ft³ of ARRA Legacy waste was processed.

The cumulative March 2010 performance analysis for PBS OH-WV-0013R.1 indicates a negative cumulative \$521K SV and a negative \$333K CV.

Performance to Schedule

Through March 2010, PBS OH-WV-0013.R1 had a cumulative SPI of 0.77 (red).

The current period SV is a positive \$166K fully attributable to the ARRA LLW/MLLW Waste Repackaging Control Account. This is a result of parallel processing decisions using the FRS in addition to the WPA. This ahead-of-schedule performance reduces the cumulative SV and produces a more favorable, but still unsatisfactory SPI.

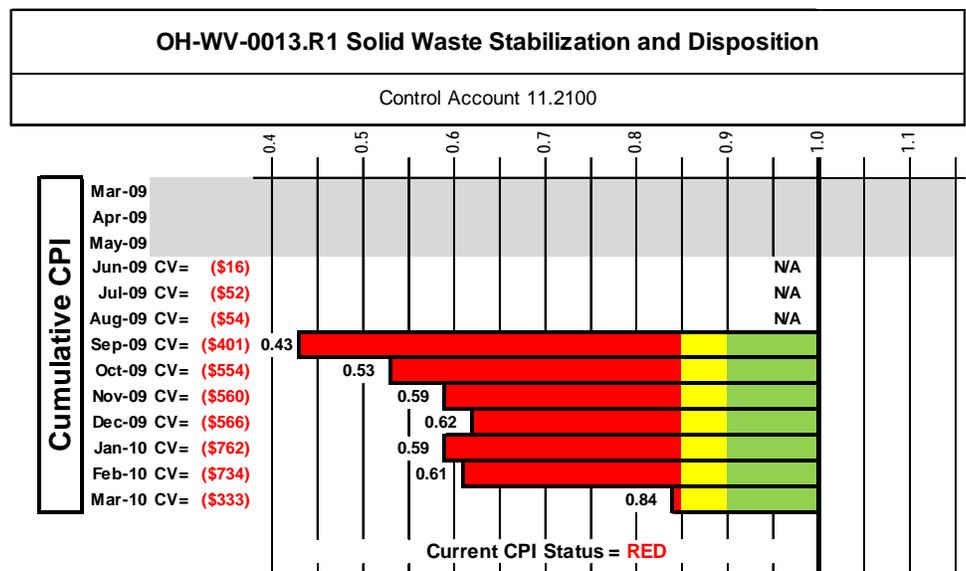


The net cumulative negative \$521K SV is primarily a productivity differential due to the necessity of performing work in “bubble suits” for Category 2 type waste processing activities which took longer than the regular suit-ups that were the basis of the plan. The lower productivity rate was related to the “glove-box” waste stream which took longer than planned.

Performance to Cost

Through March 2010 PBS OH-WV-0013.R1 has a cumulative CPI of 0.84 (red).

The current period CV is a positive \$401K attributable primarily to the ARRA LLW/MLLW Waste Repackaging Control Account. This is a result of parallel processing decisions using the FRS in addition to the WPA.



Processing in the FRS versus the RHWF takes us from remote operation to hands-on operation which is quicker and less costly. These are being completed in about one-third of the time planned. This below-cost performance continues the trend of improving overall cost performance, reducing the cumulative CV and producing a more favorable, but still unsatisfactory CPI..

The negative \$333K cumulative CV is primarily labor related cost growths due to Category 2 type waste processing activities which required more resources and took longer than planned and caused additional labor costs to be incurred. Additionally, production in the 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 and required more labor to be expended than planned.

Corrective Action Planned/Taken

Schedule Corrective Actions - Productivity is expected to increase with processing of the 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 “bubble suit” entries which can be utilized, if required, for future entries of this nature.

Cost Corrective Actions – None required.

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 in the WPA has almost doubled the amount of process time per day.

3.2.2 PBS OH-WV-0040.R1.1, ARRA Nuclear Facility Decontamination and Dismantlement – Main Plant Process Building (Capital Asset Project)

WVES loaded and shipped 1,442 ft³ of ARRA radioactive waste (one truck) on March 23 to Energy Solutions, and is also preparing and coordinating another shipment of ARRA radioactive waste to Energy Solutions for April 27.

Work associated with the Liquid Waste Cell (LWC) included the walkdown of numerous WIPs associated with ex-cell isolations to be performed in the LXA and COA. Some ex-cell isolation work was also performed in the COA and LXA areas.

The ALARA Committee convened and an overview of the project scope was discussed.

WVES completed the installation of an outer containment tent to support entries into the LWC and Extraction Cells and initiated the core drilling for ventilation and water collection.

Cold and Dark Team Activities: The primary focus of the cold and dark team was on the fourth floor of the MPPB and the Control Room:

- Ventilation modifications continue in support of ACM abatement.
- Isolations (95% complete) and associated instrument and tubing bundle removal (90% complete) were performed in support of control panel removal and Upper Extraction Aisle equipment removal.
- Electrical isolations to the fourth floor of the MPPB continue.

Other areas of the MPPB:

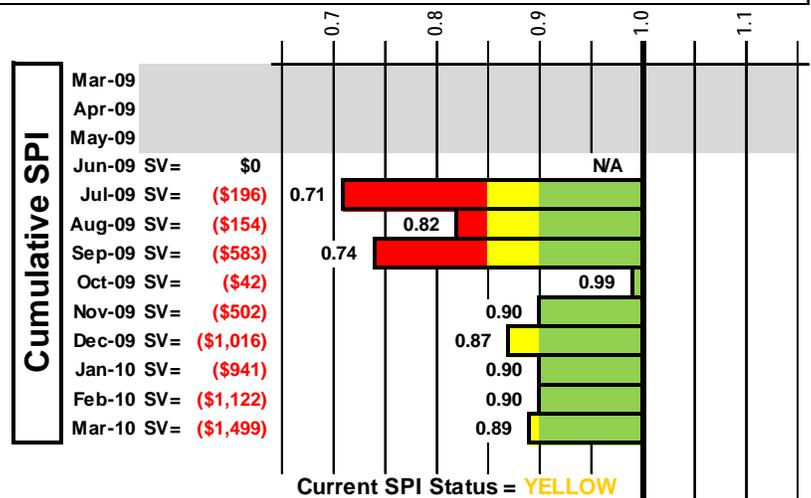
- Labeling and process line demolition in the General Operating Aisle.
- Conduit and electrical services were isolated and removed in the Off-Gas Aisle, Uranium Load Out cell, and south stairs.
- Equipment removal in the Process Chemical Room is 80% complete.
- Drained the hydraulic tank in the General Operating Aisle.
- Equipment and piping removal is 75% complete in the Upper Extraction Aisle.

Performance to Schedule

Through March 2010, PBS OH-WV-0040.R1.1 had a cumulative SPI of 0.89 (yellow).

The net cumulative negative \$1,499K SV is primarily associated with a cumulative negative \$1,120K SV associated with the accelerated deactivation and decontamination work scope for the MPPB. The other contributor is a negative \$379K SV associated with the delayed generation of new radioactive waste for disposition.

OH-WV-0040.R1.1 Nuclear Facility Decontamination and Dismantlement MPPB (Capital Asset Project)
Control Account 11.3100, Work Package 11.2300.001



The current period SV is a negative \$377K. The ARRA MPPB contributes a negative \$318K SV and ARRA Newly Generated Radioactive Waste Disposition contributes a negative \$59K SV. The negative \$318K SV for the ARRA MPPB is driven by General Plant deactivation and decontamination (negative \$204K) and ACM removal (negative \$130K) activities.

The overall negative \$1,499K SV for this PBS is comprised of negative \$379K from ARRA Newly Generated Radioactive Waste Disposition and a negative \$1,120K for the ARRA MPPB. There has been little waste disposition as planned producing the negative SV for the ARRA Radioactive Waste Disposition Account. Activities in the ARRA MPPB show behind-schedule performance (negative SV of \$1,867K) in the ARRA Liquid Waste Cell, ARRA Labs, Hot Cells, Analytical Cells, ARRA General Plant and ARRA ACM Removal, ARRA Acid Recovery, and ARRA Vent Systems off-set by ahead-of-schedule performance (positive SV of \$747K) in ARRA Extraction Cells and ARRA Project Support. The behind-schedule performance in the MPPB was the net result of four things: 1) the cold and dark crew work was given priority during this period over the Off-Gas Cell crew work slowing progress there, 2) sampling and dose rate work in the Off-Gas Cell was duplicated to verify and ensure accuracy, 3) work in the Labs, Hot Cells Analytical Cells Work Package was deferred with priority given to and resources assigned to the ACM crew, and 4) the use of resources was generally planned in a linear manner and actually deployed in a non-linear manner. As a result, for the current period, there was less overall work performed than planned. It is expected that this will equalize as the project moves forward.

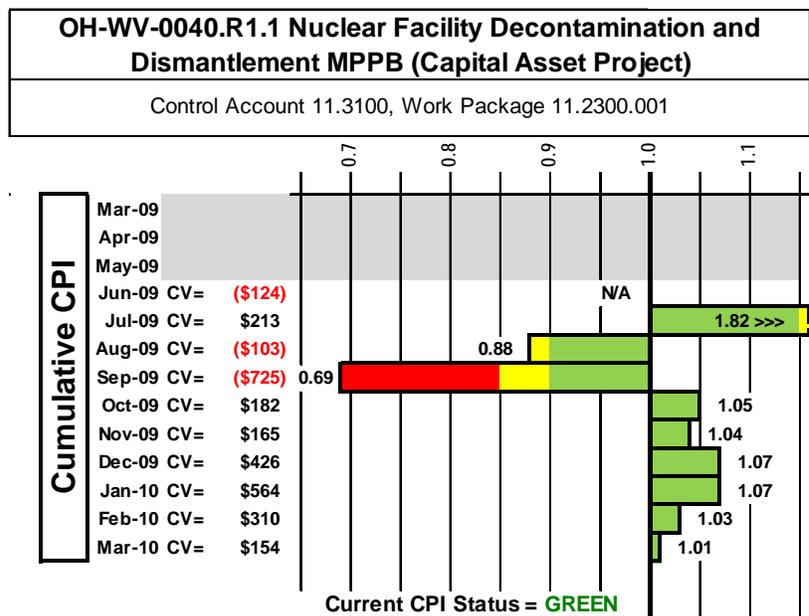
Performance to Cost

Through March 2010, PBS OH-WV-0040.R1.1 has a cumulative CPI of 1.01 (green).

The net cumulative positive \$154K CV is associated with a positive \$212K associated with the accelerated deactivation and decontamination work scope for the MPPB and a negative \$58K for Newly Generated Radioactive Waste Disposition.

The current period CV is a negative \$156K. The ARRA MPPB contributes a negative \$168K SV and ARRA Newly Generated Radioactive Waste

Disposition contributes a positive \$12K SV. The negative \$168K SV for the ARRA MPPB is driven primarily by greater than planned costs for ARRA ACM Removal (negative \$327K) offset by less than planned costs for ARRA Extraction Cells (positive \$207K).



Corrective Action Planned/Taken

Schedule Corrective Action: Additional resources have been assigned to improve schedule performance. In addition, field activities have been scheduled to work on preparations in parallel with on-going design efforts where there is low expected chance of rework.

Cost Corrective Action: None required.

Progress Toward and Estimated Completion of Recovery

Additional resources have been assigned to improve schedule performance.

3.2.3 PBS OH-WV-0040.R1.2, ARRA Nuclear Facility Decontamination and Dismantlement

Newly Generated Radioactive Waste Disposition (w/o Work Package 001): Waste personnel continue to work closely with the PTW installation team to define and clarify soil handling, transportation and disposal needs for the PTW Project. Associated with this, waste personnel reviewed the drafted Scope of Work requirements for procuring a rail broker for packaging and shipping radioactive wastes via rail at the WVDP. In addition, Waste Management Projects personnel are working with Procurement and DOE to obtain alternative competitive pricing information for transportation and disposal to reduce overall costs and potentially enable the disposition of more waste.

MPPB Liquid Waste Solidification System: Final surrogate trials for recipe development have resulted in a recipe that yielded both good solidification and stabilization results without the use of liquid or slurry chemical additions. Solid ingredients that can be delivered through bulk bags and smaller quantities through a bag break station were confirmed to be available through suppliers in New York State. This resulted in the elimination of a very expensive stabilization liquid (Thiol-SAMMS), NaSH, and associated chemical addition equipment. In addition, the recipe yielded ingredients that reduce odors and interferences with TLD badges and reduce operator handling and processing steps. This resulted in a cost avoidance of \$287,240.

Tank & Vault Drying System (T&VDS): WVES completed the removal of electrical equipment and conduit from the PVS Building to permit dryer electrical equipment installation. The long-lead rotary wheel dryer assembly was satisfactorily inspected at the manufacturer, then shipped and received locally. The piping subcontractor continues to shop-fabricate the ducting pipelines with these approximately 50% complete; pipe hangers for these lines are being installed in the Tank Farm. WVES completed a mock-up to develop the best method to install an isolation bladder in the 16-inch underground ventilation header in support of beginning ventilation line removal at the WTF condensers and the work instruction was issued. Final preparations are underway to cut and remove the 8-inch ventilation lines at the condensers in April. A detailed working schedule that integrates WVES work activities with the subcontractor schedule has been developed and will be incorporated into the P6 schedule.

North Plateau Groundwater Plume: Based on soil borings advanced along the PTW alignment in February and discussions with the trenching firm, the soil management approach identified in the 30% Design required modification. Additional issues surfaced in March through discussions with DOE concerning the management of soils from a) the construction (i.e., trenching) of the Permeable Treatment Wall (PTW) itself and b) the excavation of the sub-grade soil catchment structure envisioned to be used to temporarily store the excavated soil from the construction of the PTW. WVES is evaluating several alternatives to resolve these issues. The primary challenges here are the high water content of the soils to be excavated to install the PTW, location of the Construction and Demolition Debris Landfill (CDDL) directly north of the alignment, and schedule constraints. As of end of March 2010, an alternative being evaluated is the modification of the trencher conveyor system whereas soils (saturated and unsaturated) would be conveyed directly from the trencher into an above-grade lined containment structure. Further discussions with the trenching firm and their conveyor providers, on the viability of this alternative (namely the viability of modified conveyor), are scheduled for early April. If viable, a demonstration of the new system to confirm satisfactory performance may be needed.

WVDP-dedicated zeolite material production began at the supplier's facility in Preston, Idaho in March. To facilitate compliance with quality and packaging requirements identified for this material, WVES was on site at the supplier's location during the first few days of zeolite material production. Pre-shipment quality control samples are undergoing testing at University of New York at Buffalo for the first lots. Upon receipt and evaluation of data to ensure conformance with the quality control plan for the zeolite material, shipment of the associated lots will be scheduled with arrival of first lots targeted for next quarter.

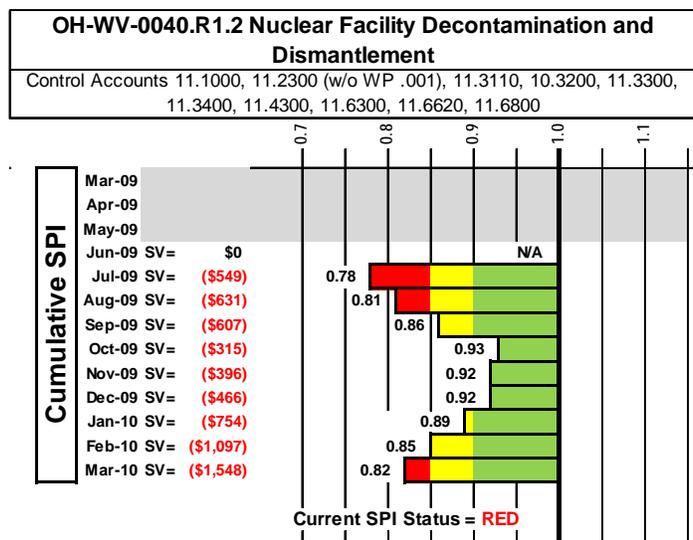
Relative to the physical installation of the PTW, pre-qualification solicitations to general contractors in the geographical area (including Pennsylvania) resulted in three (out of ~10) expressions of interest received by WVES. An additional solicitation was posted in FedBizOps in March with one firm responding. WVES is re-evaluating the previously identified procurement strategy for the installation of the PTW (i.e., procure general contractor who would then subcontract the trencher) to address the change in soil management strategy, perceived risk and associated elevated contingency that may be realized via the previous strategy, etc. Discussions with DOE on the revised strategy will continue.

01-14 Building: WVES has suspended this work on the basis that this work is planned to be replaced by higher priority baseline scope.

Performance to Schedule

Through March 2010, PBS OH-WV-0040.R1.2 has a cumulative SPI of 0.82 (red).

The cumulative March 2010 performance analysis for this PBS indicates a negative cumulative SV of \$1,559K. Significant elements of the negative \$1,559K SV include development of the liquid waste decontamination system which is behind schedule by \$672K and decontamination and dismantlement activities for the 01-14 Off-Gas Facility which are \$677K behind schedule.



Engineering and procurement activities associated with the Liquid Waste Decontamination System are behind schedule due to the six week delay in placement of the design subcontract, and 01-14 Off Gas Facility activities were suspended while management addresses the path forward for contract scope priorities with DOE.

Additionally, newly generated radwaste disposition activities also associated with the 01-14 Building are \$392K behind schedule due to the deferred start of demolition activities pending resolution of contract issues.

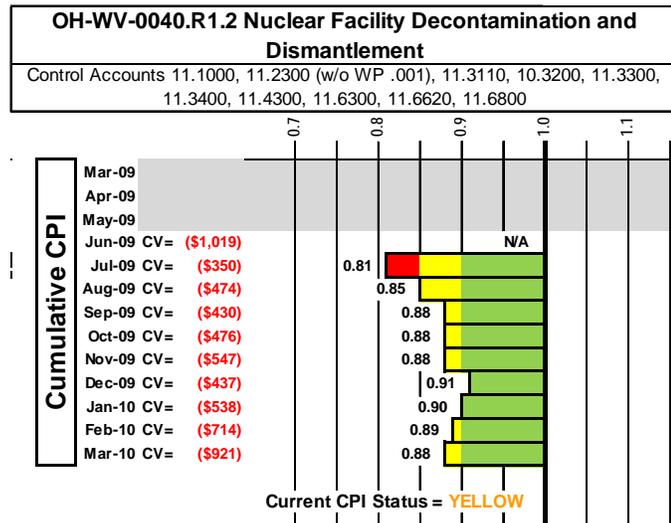
Performance to Cost

Through March 2010, PBS OH-WV-0040.R1.2 has a cumulative CPI of 0.88 (yellow).

The cumulative negative \$932K CV is comprised primarily of negative \$238K in Project Support (Control Account 11.1000) costs and negative \$753K in T&VDS (Control Account 11.3400) design costs.

The Project Support cost growth is primarily additional labor since experienced WVES decontamination workers were added to the training activities to help facilitate new ARRA hires understanding of work place duties and hazards, and the additional training for new subcontract radiation protection technicians was required.

The T&VDS design cost growths 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," and 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. Approximately \$200K of the CV is due to the inability to take performance on the pipe fabrication and installation activity that still remains in a planning package.



Corrective Action Planned/Taken

The CV is a near-term issue attributed to starting of the design/build subcontract for the T&VDS and it is expected to be eliminated as the subcontract performance tracks to planned scope. Subcontract engineering has been reduced.

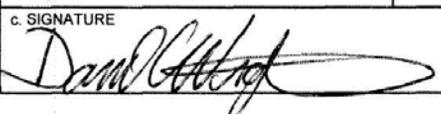
Progress Toward and Estimated Completion of Recovery

WVES continues to monitor subcontractor performance on a monthly basis to track progress. However, as previously reported, WVES has suspended work on 01-14 Building Demolition pending finalization of the currently proposed plan for contract completion.

TOTAL PROJECT EARNED VALUE REPORT ARRA		Oct	Nov	Dec	Jan	Feb	Mar	April	May	June	July	Aug	Sept	FY 2010	FY 2010	FY 2010	FY 2008-11	FY 2008-11	FY 2008-11
														BAC	BAC	VAC	BAC	BAC	VAC
Total American Recovery and Reinvestment Act	Planned Value	2,051	2,144	2,657	3,014	2,841	3,701	3,814	3,345	3,911	3,277	3,349	4,052	38,891	38,890	302	65,969	74216	(8,247)
	Earned Value	2,629	1,786	2,882	2,632	2,632	2,910												
	Actual Cost	2,222	1,852	2,616	2,791	2,411	3,003												
	SPI - Monthly	1.43	0.76	0.79	0.87	0.71	0.82												
	CPI - Monthly	1.32	0.96	1.15	0.94	0.83	1.01												
	Est To Complete								3,894	3,059	4,013	4,362	4,414	4,214					
	Bud At Complete	38,269	38,269	38,896	38,896	38,896	38,896	38,896	38,896	38,896	38,896	38,896	38,896	38,896	38,896	38,896	38,896	38,896	38,896
Est at Complete	37,251	37,251	37,268	37,499	42,594	42,594	42,594	42,594	42,594	42,594	42,594	42,594	42,594						
PBS OH-WV-0013R1-Solid Waste Stabilization & Disposition	Planned Value	272	245	307	357	366	457	368	366	150	120			3,005	2,920	85	3,312	3,043	(80)
	Earned Value	316	189	194	180	50	623												
	Actual Cost	468	205	111	385	23	222												
	SPI - Monthly	1.16	0.81	0.34	0.53	0.14	1.36												
	CPI - Monthly	0.67	0.97	0.94	0.40	2.88	2.81												
	Est To Complete							197	192	190	156	156	5						
	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	3,005	3,005	3,005	3,005	3,005
Est at Complete	2,826	2,826	2,879	2,879	2,315	2,315	2,315	2,315	2,315	2,315	2,315	2,315	2,315						
112100 LEGACY WASTE PROCESS AND REPACKAGING	Planned Value	272	245	307	357	366	457	368	366	150	120			3,005	2,920	85	3,312	3,043	(80)
	Earned Value	316	189	194	180	50	623												
	Actual Cost	468	205	111	385	23	222												
	SPI - Monthly	1.16	0.81	0.34	0.53	0.14	1.36												
	CPI - Monthly	0.67	0.97	0.94	0.40	2.10	2.81												
	Est To Complete							197	197	180	156	156	5						
	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	3,005	3,005	3,005	3,005	3,005
Est at Complete	2,826	2,826	2,879	2,879	2,315	2,315	2,315	2,315	2,315	2,315	2,315	2,315	2,315						
PBS-40 OH-WV-0040R1.1 - Nuclear Facility D&D Main Plant Process Building (Capital Asset Project)	Planned Value	1,369	1,393	2,541	1,895	1,594	1,945	1,417	1,435	1,786	1,372	1,327	1,653	19,728	19,609	59	31,132	35,036	(3,904)
	Earned Value	1,910	1,910	2,142	2,051	1,441	1,626												
	Actual Cost	958	1,004	1,009	1,009	1,214	1,795												
	SPI - Monthly	1.40	0.72	0.84	1.00	0.90	0.84												
	CPI - Monthly	1.98	1.01	1.12	1.07	0.84	0.91												
	Est To Complete							1,527	1,372	2,194	1,627	2,006	1,805						
	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	19,727	19,727	19,727	19,727	19,727
Est at Complete	17,271	17,271	17,271	17,271	20,289	20,289	20,289	20,289	20,289	20,289	20,289	20,289	20,289						
113100 ARRA MAIN PLANT PROCESS BUILDING	Planned Value	1,369	1,393	2,541	1,895	1,545	1,417	1,435	1,786	1,372	1,327	1,653		19,728	19,609	59	31,132	35,036	(3,904)
	Earned Value	1,910	1,910	2,142	2,051	1,441	1,626												
	Actual Cost	1,004	1,004	1,009	1,009	1,214	1,795												
	SPI - Monthly	1.40	0.72	0.84	1.00	0.90	0.84												
	CPI - Monthly	1.98	1.01	1.12	1.07	0.84	0.91												
	Est To Complete							1,527	1,372	2,194	1,627	2,006	1,805						
	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	19,727	19,727	19,727	19,727	19,727
Est at Complete	17,271	17,271	17,271	17,271	20,289	20,289	20,289	20,289	20,289	20,289	20,289	20,289	20,289						
PBS-40 OH-WV-0040R1.2 - Nuclear Facility D&D	Planned Value	410	705	620	762	880	1,299	1,601	1,545	1,974	1,735	2,022	2,099	16,150	17,102	(944)	31,525	35,208	(3,683)
	Earned Value	694	577	635	381	519	790												
	Actual Cost	796	483	496	490	674	986												
	SPI - Monthly	8.72	0.82	0.77	0.49	0.58	0.81												
	CPI - Monthly	(5.63)	0.90	1.20	0.79	0.77	0.80												
	Est To Complete							1,970	1,504	1,639	2,578	2,251	2,404						
	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	16,627	16,627	16,627	16,627	16,627
Est at Complete	17,454	17,454	17,459	17,249	20,010	20,010	20,010	20,010	20,010	20,010	20,010	20,010	20,010						
111000 ARRA PROJECT SUPPORT	Planned Value	82	50	61	50	50	61	50	50	61	50	50	61	675	592	83	3,273	3,664	(391)
	Earned Value	85	46	111	49	43	89												
	Actual Cost	71	23	79	4	87	33												
	SPI - Monthly	1.04	0.93	1.80	0.66	0.87	1.12												
	CPI - Monthly	1.19	2.02	1.40	11.65	0.64	2.09												
	Est To Complete							44	44	50	44	44	60						
	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	1,031	1,031	1,031	1,031	1,031
Est at Complete	824	824	824	824	824	824	824	824	824	824	824	824	824						
112300 NEWLY GENERATED RAD WASTE DISPOSITION	Planned Value	103	167	228	182	182	228	211	213	235	290	681	910	3,730	1,222	2,508	10,030	9,853	177
	Earned Value	34	26	38	30	97	93												
	Actual Cost	71	37	(18)	22	73	79												
	SPI - Monthly	0.33	0.17	0.16	0.17	0.53	0.41												
	CPI - Monthly	0.48	0.76	(2.22)	1.38	1.31	1.18												
	Est To Complete							144	144	151	145	148	155						
	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	3,731	3,731	3,731	3,731	3,731
Est at Complete	4,301	4,301	4,301	4,301	4,458	4,458	4,458	4,458	4,458	4,458	4,458	4,458	4,458						
113110 ARRA MPBB LIQUID WASTE SOLIDIFICATION SYSTEM	Planned Value	170	123	178	156	254	372	289	259	288	181	181	258	2,888	3,258	(369)	3,562	3,832	(249)
	Earned Value	154	84	128	49	159	169												
	Actual Cost	116	87	87	138	91	281												
	SPI - Monthly	1.04	0.52	0.72	0.25	0.63	0.29												
	CPI - Monthly	1.07	0.96	1.46	0.36	1.75	0.42												
	Est To Complete							588	304	237	450	442	275						
	Bud At Complete	2,899	2,899	2,899	2,899	2,899	2,899	2,899	2,899	2,899	2,899	2,899	2,899	2,899	2,899	2,899	2,899	2,899	2,899
Est at Complete	3,066	3,066	3,066	3,066	3,250	3,250	3,250	3,250	3,250	3,250	3,250	3,250	3,250						
113300 ARRA ACCEL D&D OF VIT FACILITY	Planned Value	(153)												(153)	(8)	(145)	65	75	10
	Earned Value	(117)		28															
	Actual Cost	9	(2)	(8)	(8)	2	(2)												

TOTAL PROJECT EARNED VALUE REPORT ARRA		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
114300 ARRA NORTH PLATEAU GROUNDWATER PLUME	Planned Value	60	66	83	96	93	79	64	72	221	322	303	508	1,975	4,920	(2,945)	3,068	7,219	(3,321)
	Earned Value	74	76	74	24	44	204								413				
	Actual Cost	28	114	31	42	123	79												
	SPI - Monthly	1.10	1.15	0.89	0.38	0.70	2.58												
	CPI - Monthly	2.87	0.87	2.39	0.57	0.38	2.72												
	Est To Complete							553	419	581	1,058	747	1,091		4,428				
	Bud At Complete	1,978	1,978	1,978	1,978	1,978	1,978	1,978	1,978	1,978	1,978	1,978	1,978						
Est at Complete	1,803	1,803	1,803	1,803	4,855	4,855	4,855	4,855	4,855	4,855	4,855	4,855		4,841					
116300 ARRA 01-14 FACILITY REMOVAL	Planned Value	122	67	87	161	160	196	167	133	196	339	389	411	2,358	2,161	197	2,819	2,680	139
	Earned Value	95	57	33	20	-	-								223				
	Actual Cost	69	72	18	61	(19)	21												
	SPI - Monthly	0.78	0.85	0.38	0.18	-	-												
	CPI - Monthly	1.57	0.80	1.79	0.45	-	-												
	Est To Complete							157	117	116	379	379	366		1,535				
	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		1,750				
Est at Complete	2,161	2,161	2,161	2,071	1,902	1,902	1,902	1,902	1,902	1,902	1,902	1,902							
116620 ARRA BOSF FOUNDATION REMOVAL	Planned Value	(50)												(50)	5	(55)	33	30	(6)
	Earned Value	(44)													5				
	Actual Cost	-	5																
	SPI - Monthly	0.88																	
	CPI - Monthly																		
	Est To Complete																		
	Bud At Complete	(50)	(50)	(50)	(50)	(50)	(50)	(50)	(50)	(50)	(50)	(50)	(50)	(50)		5			
Est at Complete		5	5	5	5	5	5	5	5	5	5	5							
116800 ARRA ISOLATE LAGOONS	Planned Value	(23)												(23)		(23)	(0)	2	(6)
	Earned Value																		
	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																			

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											COST IN USD x1,000			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) 2010/02/27					
b. LOCATION (Address and ZIP Code) 10282 Rock Springs Road West Valley, NY 14171			b. NUMBER DC-AC30-07CC30000		c. TYPE		d. SHARE RATIO		b. PHASE (X one) <input type="checkbox"/> RDT&E <input type="checkbox"/> PRODUCTION				b. TO (YYYY/MM/DD) 2010/04/02			
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		70,208						c. SIGNATURE 				d. DATE SIGNED (YYYY/MM/DD) 2010/04/19				
b. WORST CASE		70,208														
c. MOST LIKELY		70,208		70,208		0										
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 (8)	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)	CGST (11)					
111000	111000 ARRA PROJECT SUPPORT	61	68	32	6	35	2,468	2,516	2,753	48	-237	3,272	3,663	-391		
112100	112100 ARRA LEGACY WASTE PROCESS AND REPACK	456	623	222	166	401	2,309	1,788	2,121	-520	-332	3,311	3,943	-631		
112300	112300 ARRA NEWLY GENERATED RAD WASTE DISPOS	228	93	78	-134	15	1,176	405	377	-771	27	10,029	9,852	177		
113100	113100 ARRA MAIN PLANT PROCESS BUILDING	1,944	1,626	1,794	-318	-168	12,949	11,829	11,617	-1,119	212	31,131	35,036	-3,904		
113110	113110 ARRA MPPB LIQUID WASTE SOLIDIFICATION...	372	109	261	-263	-152	1,740	1,079	1,016	-661	62	3,591	3,831	-240		
113300	113300 ARRA ACCELERATION OF D3 VIT FACILITY	0	0	-1	0	1	85	85	77	0	7	85	77	7		
113400	113400 ARRA TANK AND VAULT DRYING SYSTEM	362	315	517	-47	-202	2,139	2,203	2,958	63	-753	7,795	7,874	-78		
114300	114300 ARRA NORTH PLATEAU GROUNDWATER...	79	203	74	124	128	529	600	512	70	87	3,897	7,219	-3,321		
116300	116300 ARRA 01-14 FACILITY REMOVAL	196	0	21	-196	-21	918	240	410	-677	-169	2,819	2,679	139		
116820	116820 ARRA BOSF FOUNDATION REMOVAL	0	0	0	0	0	33	33	38	0	-4	33	38	-4		
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)		3,701	3,040	3,002	-661	38	24,352	20,784	21,884	-3,567	-1,099	65,969	74,218	-8,248		
MANAGEMENT RESERVE												4,238				
TOTAL		3,701	3,040	3,002	-661	38	24,352	20,784	21,884	-3,567	-1,099	70,208				

COST PERFORMANCE REPORT - FORMAT 2											PAGE 1			
ARRA											COST IN USD x1,000			
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) 2010/02/27			
b. LOCATION (Address and ZIP Code) 10282 Rock Springs Road West Valley, NY 14171			b. NUMBER DE-AC30-07CC30000		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		456	623	220	166	402	2,428	1,907	2,237	-520	-329	3,430	4,058	-628
DM Dan Meess		362	315	517	-47	-202	2,139	2,203	2,956	63	-753	7,795	7,874	-78
JB Jim Baker		61	68	32	6	35	2,470	2,518	2,755	48	-237	3,274	3,665	-391
JnB John Bordini		2,140	1,626	1,815	-514	-189	13,867	12,070	12,027	-1,797	42	33,950	37,715	-3,764
LC Lettie Chilson		372	109	261	-263	-152	1,740	1,079	1,016	-661	63	3,591	3,831	-240
LM Linda Michalczak		79	203	74	124	128	529	600	512	70	87	3,897	7,219	-3,321
PL Peggy Loop		228	93	78	-134	15	1,176	405	377	-771	27	10,029	9,852	177
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)		3,701	3,040	3,002	-661	38	24,352	20,784	21,884	-3,567	-1,099	65,969	74,218	-8,248
MANAGEMENT RESERVE												4,238		
TOTAL		3,701	3,040	3,002	-661	38	24,352	20,784	21,884	-3,567	-1,099	70,208		

COST PERFORMANCE REPORT - FORMAT 3													PAGE 1			
ARRA													COST IN USD x1,000			
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) 2010/02/27					
b. LOCATION (Address and ZIP Code) 10282 Rock Springs Road West Valley, NY 14171			b. NUMBER DE-AC30-07CC30000		c. TYPE						d. SHARE RATIO		b. PHASE (X one) <input type="checkbox"/> RDT&E <input type="checkbox"/> PRODUCTION		b. TO (YYYY/MM/DD) 2010/04/02	
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						
				APR '10 (4)	MAY '10 (5)	JUN '10 (6)	JUL '10 (7)	AUG '10 (8)	SEP '10 (9)	FY 2011 (10)	FY 2012 (11)	FY 2013 (12)	TO COMP. (13)	(14)		
11 ARRA		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CHANGES																0
PERFORMANCE MEASUREMENT BASELINE		24,352		3,383	3,346	3,911	3,227	3,348	4,050	20,349	0	0	0	0	0	65,969
MANAGEMENT RESERVE																0
TOTAL																65,969

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) (20100227)				
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) (20100402)				
		c. TYPE		d. SHARE RATIO		c. EVMS ACCEPTANCE YES (20090929)								
5. PERFORMANCE DATA (All figures in whole numbers)														
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 Apr-10 (4)	+2 May-10 (5)	+3 Jun-10 (6)	+4 Jul-10 (7)	+5 Aug-10 (8)	+6 Sep-10 (9)	FY 2011 (10)	(11)	(12)	(13)	(14)	
ARRA														
Exempt - Hours FTE's	4,701 30	41,075 27	4,805 37	4,537 35	5,129 34	4,851 37	4,752 36	5,489 37	27,707 22					98,345
Non-Exempt - Hours FTE's	489 3	1,666 1	540 3	463 4	463 3	517 3	450 3	517 3	2,741 2					7,357
Hourly - Hours FTE's	12,496 80	86,234 57	14,970 96	12 93	12,404 95	14,340 96	12,743 98	13,118 87	71,386 58					225,207
6. TOTAL DIRECT - Hours	17,686	128,975	20,315	5,012	17,996	19,708	17,945	19,124	101,834	0	0	0	0	330,909
6. TOTAL DIRECT - FTE'S	113	86	136	131	132	136	138	128	83	0	0	0	0	

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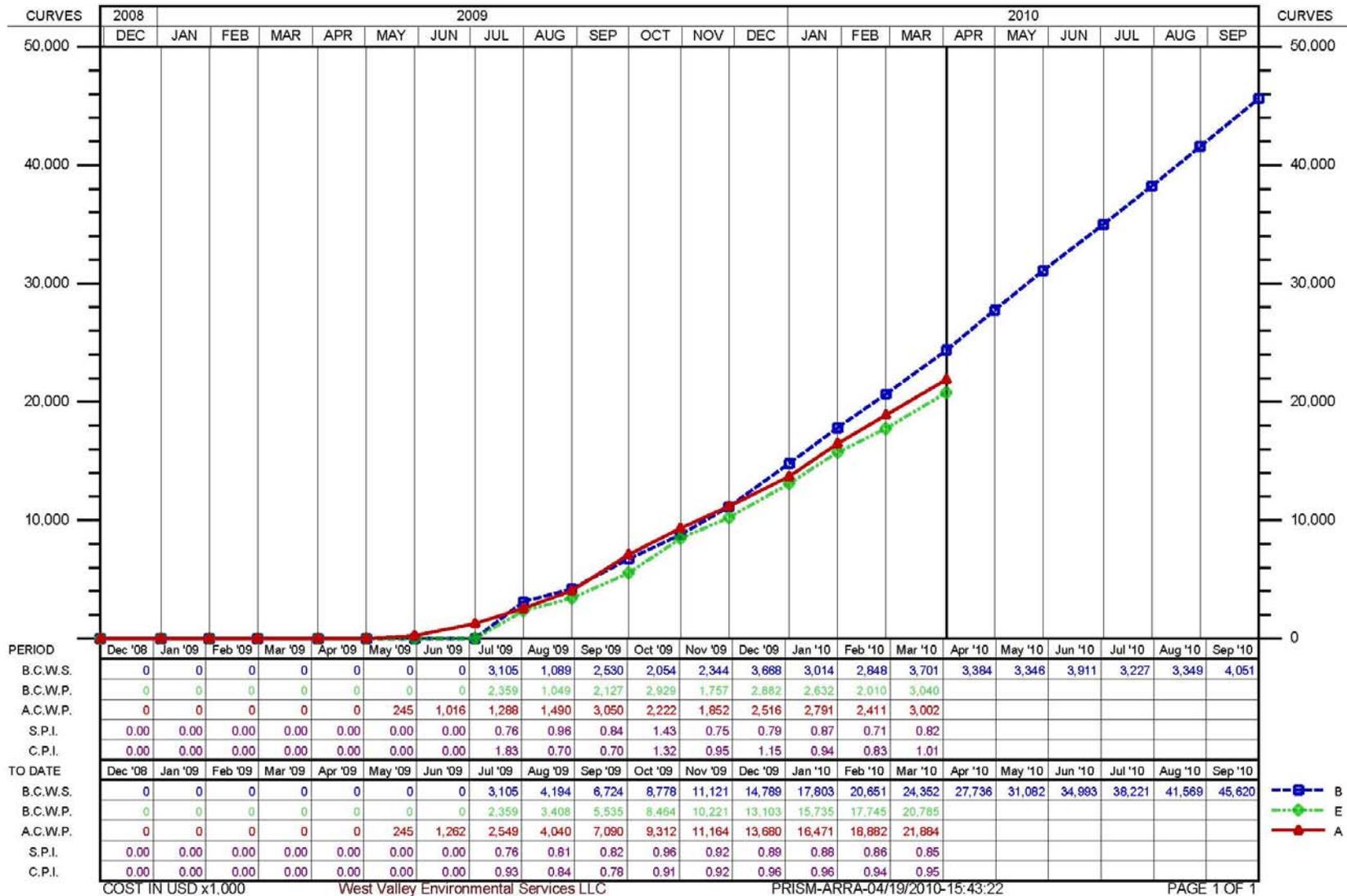
LOCAL REPRODUCTION AUTHORIZED.

CLASSIFICATION (When Filled In)

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 ARRA



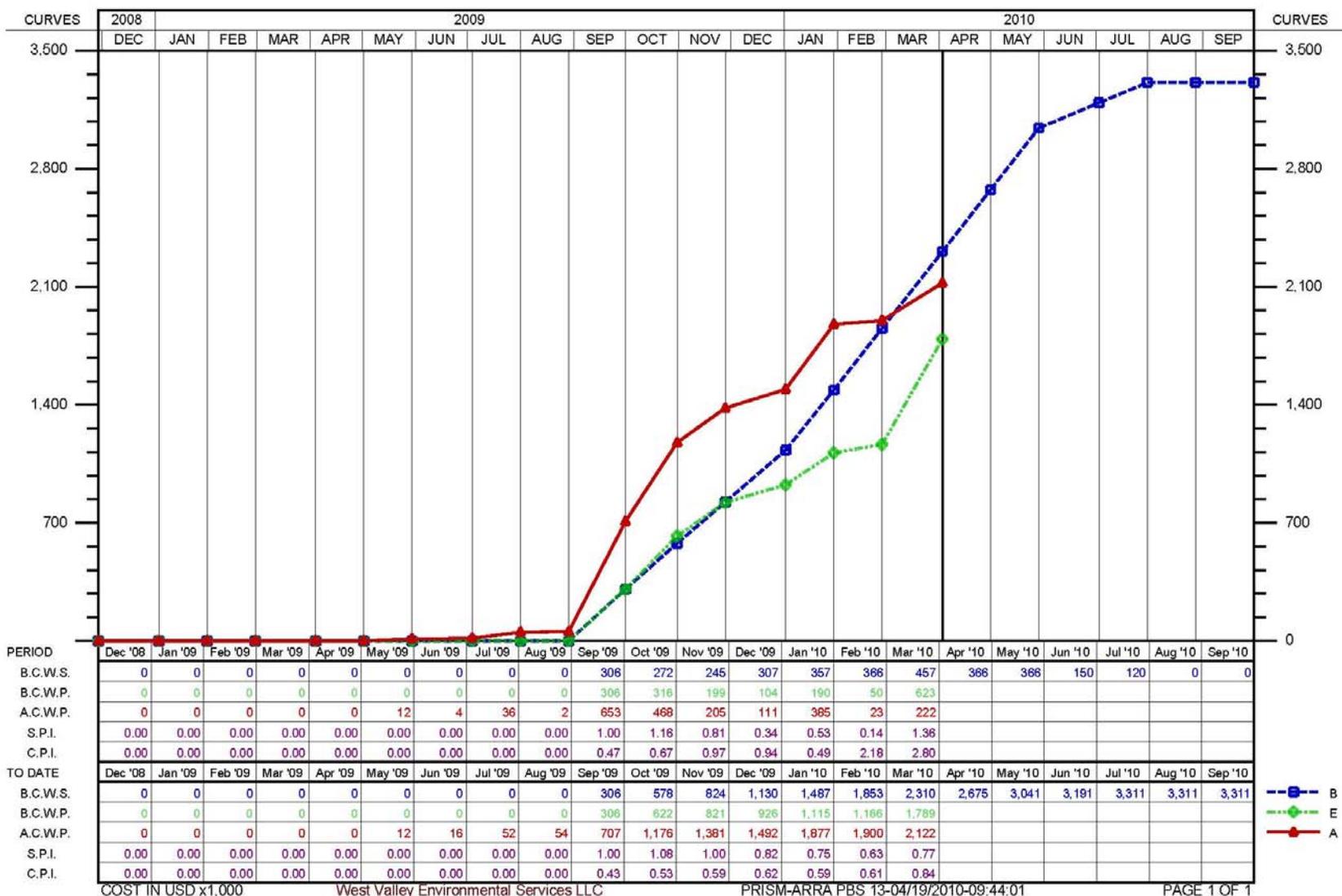
COST IN USD x1,000

West Valley Environmental Services LLC

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PAGE 1 OF 1

ARRA PBS WV-OH-0013 ARRA SOLID WASTE STABILIZATION & DISPOSITION



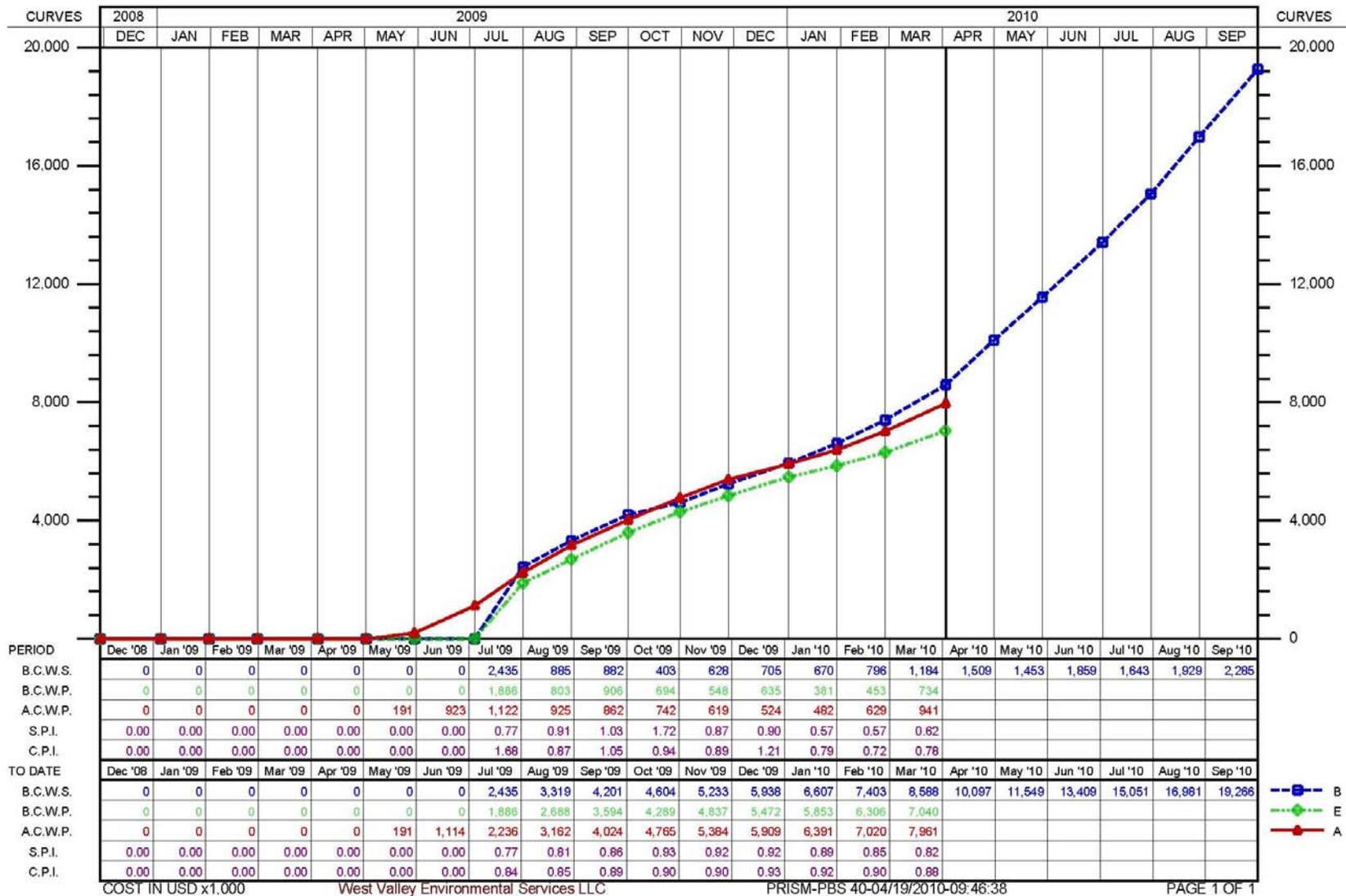
COST IN USD x1,000

West Valley Environmental Services LLC

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



COST IN USD x1,000

West Valley Environmental Services LLC

PRISM-PBS 40-04/19/2010-09:46:38

PAGE 1 OF 1

WVES ARRA Milestone Report – March 2010

PBS	Title	Milestone	Baseline Date	Forecast Date	Actual Date
OH-WV-0013.R1	Ship 5100 ft ³ West Off Site for Processing	ARRA-WPROC-1	10/31/10	10/29/10	
OH-WV-0040.R1.2	Initiate Scope to Evaporate / Wash Liquids Stabilize/Solidify	ARRA-LWTS-2	09/30/10	08/31/10	
OH-WV-0040.R1.2	Receive Disposal Facility Waste Acceptance MPPB Liquid Waste	ARRA-LWTS-3	02/28/11	06/02/11	
OH-WV-0040.R1.1	Complete Off Gas Cell Decontamination	ARRA-MPPB-2	12/31/10	10/29/10	
OH-WV-0040.R1.1	Complete Off Gas Blower Room Decontamination	ARRA-MPPB-3	06/30/11	06/30/11	
OH-WV-0040.R1.1	Complete Liquid Waste Cell Decontamination	ARRA-MPPB-4	06/30/11	06/29/11	
OH-WV-0040.R1.1	Complete Accessible ACM Removal	ARRA-MPPB-5	06/30/11	06/30/11	
OH-WV-0040.R1.2	Complete Vent Header Replacement	ARRA-TVDS-3	01/30/10	06/16/10	
OH-WV-0040.R1.2	T&VDS Operational	ARRA-TVDS-4	10/31/10	08/19/10	
OH-WV-0040.R1.2	Complete Installation of PTW	ARRA-PTW-1	12/31/10	09/14/10	
OH-WV-0040.R1.2	Complete Installation of PTW Monitoring Wells	ARRA-PTW-2	03/30/11	10/06/10	
OH-WV-0040.R1.2	Complete Shipment of Waste Generated PTW Install	ARRA-PTW-3	06/30/11	06/28/11	
OH-WV-0040.R1.2	Complete 01-14 Building Pre-Demo	ARRA-0114-1	04/30/10	10/14/10	
OH-WV-0040.R1.2	Complete 01-14 Building Demo	ARRA-0114-2	10/31/10	02/17/11	
OH-WV-0040.R1.2	Award design / build contract for T&VDS	ARRA-TVDS-1	06/10/09	06/10/09	06/24/09
OH-WV-0040.R1.2	Establish contract for decontamination in Liquid Waste Cell in MPPB	ARRA-MPPB-1	07/31/09	08/20/09	07/20/09
OH-WV-0040.R1.2	Solicit bids for MPPB Liquid Stabilization / Solidification	ARRA-LWTS-1	07/14/09	10/27/09	08/24/09
OH-WV-0040.R1.2	Complete initial training for 62 new hires	ARRA-TRN-1	08/30/09	08/30/09	08/26/09
OH-WV-0040.R1.2	Initiate process piping removal from 01-14 Building	ARRA-01-14-1	09/01/09	10/01/09	09/14/09
OH-WV-0040.R1.2	T&VD Final Design Review	ARRA-TVDS-2	02/03/10	03/30/10	02/26/10

Realized Risk Table – ARRA Contract Component

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

2) Realized Risks (ARRA Contract): See table below for a list of risks that have occurred in the current 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-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	PTW borings taken in February 2010 have revealed that the depth to the till is deeper in some places than WVES originally thought. This means that the planned design for soil catchment will have to be modified. To mitigate the risks associated with this necessary design change, WVES is planning to potentially perform another demonstration at Dewind.	March 2010	Pending	Pending

Related Risk #	Risk Category	Risk Title	Detailed Description of Event	Date Risk Realized	Date Change Paper Submitted	Approval Date
AR-1a	Main Plant Process Building	Discovery of Unexpected Physical or Radiological Conditions in the MPPB (e.g., asbestos containing material, unexpected RCRA/TSCA Waste or RCRA/TSCA Mixed Waste, actual waste volumes exceed estimates, etc.)	On Friday, 2/26/2010, WVES received asbestos clearance sample results for work performed in the Process Chemical Room which were above the free release criteria. As a crew was removing pipes and ducts from within a containment area, some asbestos-laden insulation around the pipes became dislodged and airborne just outside the containment area from vibrations from the pipe being cut into pieces. Work was suspended and the entire fourth floor was secured to prevent access. A fact finding meeting was conducted and an investigation initiated. WVES then systematically evaluated all areas in the Main Plant to determine if removal/remediation or application of fixative is necessary. Work was shut down on the fourth floor of the Main Plant for two weeks as clean up crews responded to mitigate the hazard. Evaluations were performed and a plan developed on how work would proceed to ensure containment of asbestos as removal jobs continue. The crews removing the pipes will now use a different cutting method to lessen the vibrations along the pipe outside the area contained in plastic. In addition, areas just outside containment areas will routinely be sampled as a precaution.	February 26, 2010	Pending	Pending

Related Risk #	Risk Category	Risk Title	Detailed Description of Event	Date Risk Realized	Date Change Paper Submitted	Approval Date
AR-6a	Accelerate Processing CH-TRU, Mixed, and Legacy LLW for Off-Site Disposal	Airborne Contamination Levels Exceed Allowable Working Limits, Delaying Schedule for Accelerated Processing of CH-TRU, Mixed, and Legacy LLW for Off-Site Disposal	In January 2010, this was realized in the WPA. As a work-around to mitigate the high airborne contamination, the project team implemented use of bubble suits during processing in the WPA. Bubble suits will continue to be utilized for those wastes that have the potential for exceedingly high airborne contamination levels. The impacts to the project due to this risk was a 3-4 day delay to change procedures and additional unplanned cost for the bubble suits. Provided this risk does not reoccur on a frequent basis throughout the project, planned risk response actions should prevent adverse consequence to project performance. However, should high airborne contamination levels be discovered on a routine and ongoing basis, considerable cost increases could be realized for purchase of additional bubble suits and due to reduced productivity.	January 2010	Pending	Pending
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

Related Risk #	Risk Category	Risk Title	Detailed Description of Event	Date Risk Realized	Date Change Paper Submitted	Approval Date
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 current reporting period or are no longer applicable.