

West Valley Demonstration Project



WVES LLC

*File, RWR, \*CLS,  
BCB, CRR, CJE,  
MNM, DWS, GGG, TIV*

Mr. Richard Reffner, Contracting Officer  
U.S. Department of Energy  
West Valley Demonstration Project  
West Valley, New York 14171-9799

U.S. DOE

WD:2011:0312

AC-BUS

AUG 24 2011

August 24, 2011

ATTENTION: Bryan C. Bower

WVDP

SUBJECT: CONTRACT NO. DE-AC30-07CC30000 ARRA and Non-ARRA, Final WVDP Progress Report – July 2011

Dear Mr. Reffner:

Enclosed is the final West Valley Demonstration Project Progress Report for July 2011. This report details activities and trends during the month.

Should you have any questions or require additional information concerning this report, please contact the undersigned at extension 4515.

Very truly yours,

Lisa M. Maul, Manager  
Business Services/CFO

LMM:bnj

Enclosure

*(133.6.1)  
106549*

# Progress Report July 2011 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 maintain an outstanding safety record at the West Valley Demonstration Project (WVDP). The site's Total Recordable Case Rate (TRC) is 0.2 while the Days Away, Restricted/Transferred (DART) Rate, based on a 12-month rolling averages, remained at 0 at the end of June 2011. Two first aid injuries occurred this month. One first aid was a bee sting and the other was a heat stress incident. No recordable injuries occurred in the month of July. As of July 31, 2011, WVDP employees worked 4,158,830 consecutive hours without a lost-time injury or illness. It is anticipated that in mid-August, WVES will accomplish one full year without an OSHA recordable injury and the TRC and DART rates will drop to 0.0.

### **1.2 Business Management**

WVES supported Continuity of Services and Transition efforts during the month of July. Activities focused on providing system and document access to the successor contractor and supporting various requests for information in order to facilitate CHBWW's preparation for assuming WVDP management responsibilities on August 29, 2011.

### **1.3 Waste Management**

The remaining inventory of Legacy Waste to be processed is 2,976 ft<sup>3</sup> of Remote-Handled Transuranic (RH-TRU) waste. For the month of July, none of this waste was completed. Dissolver 3C-2 is in process in the Remote-Handled Waste Facility (RHWF) and preparations have begun in the Vitrification Facility for the processing of the WVDP vitrification system's Submerged Bed Scrubber (SBS).

The total volume of TRU waste processed as part of the Path to Completion Plan thus remains at 30,887 ft<sup>3</sup>. This is about 91.2% of the total TRU that was planned to be processed as part of the Path to Completion Plan. The corresponding LLW total is 13,865 ft<sup>3</sup> which was completed earlier representing 100% of the total in this waste category.

Processing of the first dissolver continued in the RHWF in July. Glass bead polishing grit was added through the basket ports of dissolver 3C-2 to cover the residual material at the bottom of the dissolver annulus. This grit material was selected for its easy flowing and slumping characteristics compared to other readily available granular material. It was added as a precaution to insulate the residual material from potential sparks and hot slag from cutting operations. Plasma cutting of this dissolver has begun in July. The outer cut around the circumference of the dissolver was completed.

There was no waste processing activity in the Vitrification Facility (VF) during this reporting period. During July, activities in the VF were directed toward maintenance and repair of tooling and systems including: decontamination and repair to three Nitrocision® long guns; replacement and repairs to the jaws on the Brokk® Combi® tool; removal, decon and successful repair to Vitrification cameras 1 and 2; and annual inspections of the Crane Maintenance Room (CMR) maintenance crane, the VF 30 ton and VF process cranes.

In addition to the above on-site waste processing, during July, another box of high dose mercury and lead debris waste was shipped to Nevada National Security Site (NNSS) disposal area from EnergySolution's Bear Creek facility. This brings the total to five of six such boxes.

During the last reporting period, updated waste profiles for the Concentrator Feed Makeup Tank and the Melter Feed Hold Tank were sent to the NNSS disposal site for review, comment and

approval. During July, comments were received and responses provided to NNSS which are currently being reviewed for acceptability.

Additional waste shipping is included as part of the Continuity of Services. These shipments are on a level-of-effort basis as the result of resource availability uncertainty. In July, as part of the Continuity of Services, six shipments of LLW totaling 7,426 ft<sup>3</sup> were sent to NNSS for disposal.

#### **1.4 Main Plant Process Building (MPPB) Deactivation and Decontamination**

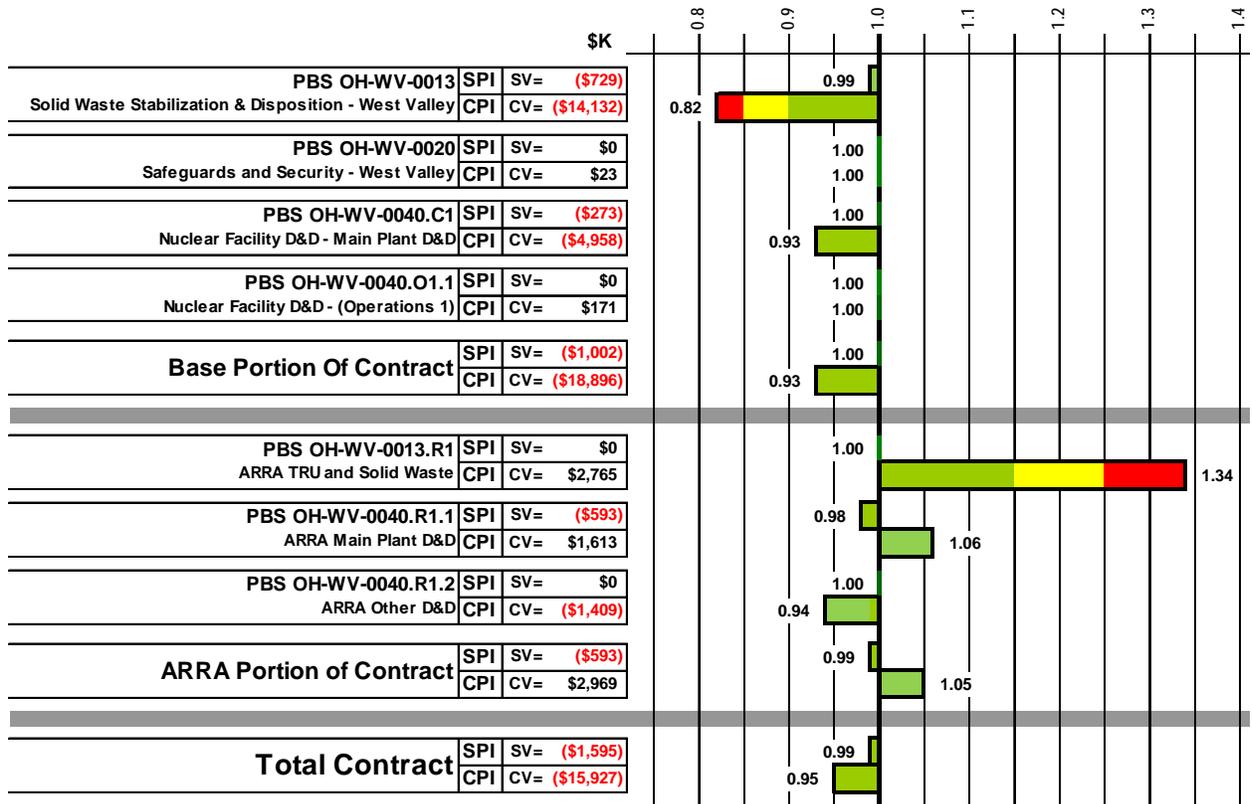
For Extraction Cell No. 1 (XC-1), in-cell activities in July were focused on the removal of pots 4Y-1 (4C-1 Aqueous Decanter), 4C-13A and 4C-13B (Partition Cycle Feed Pump Pots). Pot 4Y-1 was removed from its mountings and lowered to the XC-1 floor for later removal. All the piping and structural supports for pots 4C-13A and 4C-13B were removed. The waste box for these two pots was staged in the hatch of adjacent cell Extraction Cell No. 2 (XC-2). Approximately 50% of the connective piping has been removed from column 4C-2 (Partition Cycle Partition Column). The mock-up training of the column cutting tooling continued in the Vitrification Test Facility with testing and operator training in preparation for the removal of the long skinny processing columns on the south side of the cell.

In July, vessels 6V-1 (Vessel Off-Gas Cyclone) and 6E-4 (Vessel Off-Gas Heater) plus at least 50 linear feet of associated piping were removed from the Off-Gas Cell (OGC). Vessel removal and pipe removal is still on track for completion as planned by August 25, however equipment removal and final Asbestos Containing Material (ACM) clearance and demobilization is slipping into September.

When originally planned in June 2011, it was estimated that there was 70 linear feet of ACM material remaining in the Lower Extraction Aisle (LXA). In July, engineers and supervisors performed an area inspection and corrected the estimate to 155 linear feet. The earlier estimate did not include several small valves and pipe sections at the highest elevations of the LXA. In addition, ACM was found under a section of fiberglass pipe insulation. In July, 40 linear feet of this ACM in the LXA was removed. Work efforts to prepare the area for ACM removal and personnel reassignments to higher priority work decreased initial productivity, however the completion of LXA is still on track for August 25th.

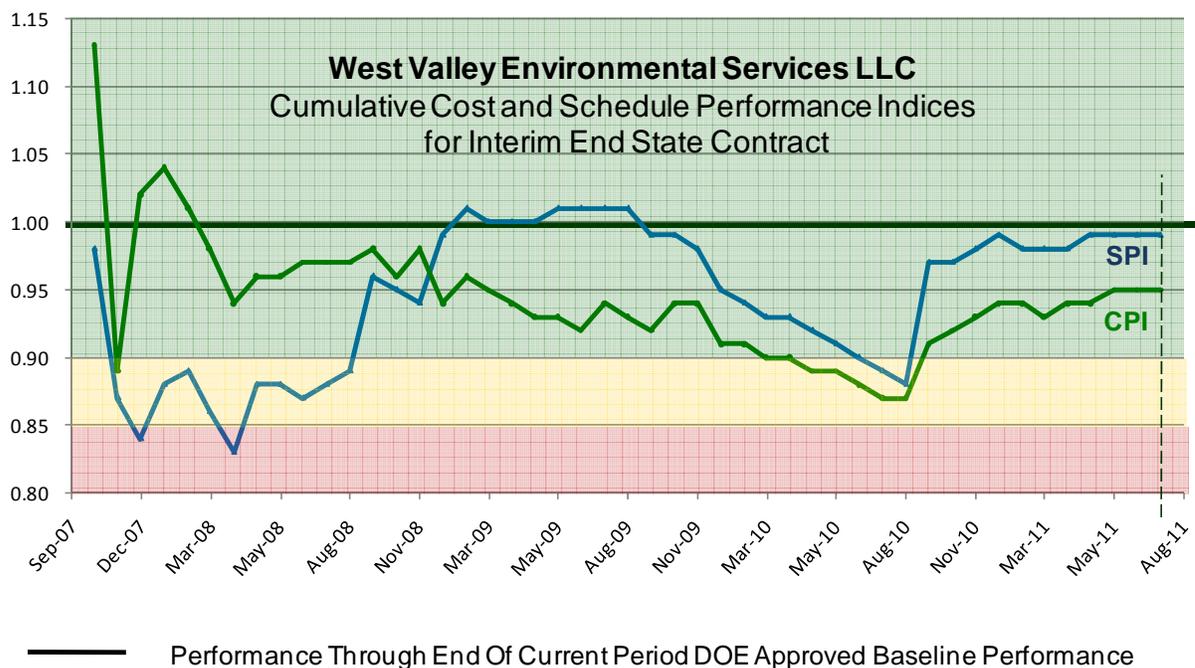
# 1.5 FY2011 Performance Summary

## July 2011 Performance Summary



## 1.6 Overall Contract Performance

As of the end of July 2011, the overall contract has a cumulative Schedule Performance Index (SPI) of 0.99 (green) and cumulative Cost Performance Index (CPI) of 0.95 (green), the same as last month. The graph below shows monthly cumulative SPI and CPI values as reported in previous Monthly Progress Reports since the beginning of the Interim End State Contract through the end of July 2011.



## 1.7 Base Contract Performance

The base portion of the Contract is comprised of four PBS elements:

- PBS OH-WV-0013, Waste Disposition,
- PBS OH-WV-0020, Safeguards and Security,
- PBS OH-WV-0040.C1, Nuclear Facility Decontamination and Decommissioning (D&D) – MPPB D&D (Capital Asset Project), and
- PBS OH-WV-0040.O1.1, Nuclear Facility Decontamination and Decommissioning – (Operations 1).

The net cumulative SPI and CPI for the Base Portion of the contract work scope through the end of July 2011 is 1.00 (green) and 0.93 (green), respectively. The net cumulative CPI is mostly driven by performance associated with PBS OH-WV-0013 as discussed below.

The cumulative SPI and CPI for PBS OH-WV-0013 at the end of July 2011 is 0.99 (green) and 0.82 (red), respectively.

The SPI reflects alignment of the baseline with the plan for contract completion. Overall, the CPI reflects carrying forward the cost variance in effect at the end of March, 2010 as part of the baseline update approved by DOE in September 2010. As reported in previous Monthly Progress Reports, this cost variance is primarily attributable to costs associated with equipment repairs and waste processing facility upgrades to enhance processing efficiencies and

effectiveness. The slight degradation for this reporting period is the result of the cost adjustments per DOE approval. July performance for this PBS is presented in Section 4.1.1.

As of the end of July 2011, PBS OH-WV-0040.C1 has a cumulative SPI of 1.00 (green) and a CPI of 0.93 (green), both slightly improved compared to last month. From an overall perspective, the cumulative negative cost variance in the Main Plant is driven by work in the Extraction Cells and Head End Cells. The cost associated with XC-1 work has been impacted by challenges in getting the remotely controlled arm installed resulting in the need for additional electrical and maintenance labor during 2010. The costs associated with completing scheduled work in the Head End Cells has been impacted by vendor support costs, subcontract engineering costs, as well as the additional labor needed to mobilize in the General Purpose Cell (GPC) beyond what was planned. Vendor support costs refer to Nitrocision® personnel assisting with trouble-shooting the remote decontamination unit and training WVES personnel. July performance for this PBS is discussed in Section 4.1.2.

PBS OH-WV-0020 and PBS OH-WV-0040.O1.1 have cumulative SPIs and CPIs of 1.00 (green). For July, PBS OH-WV-0040.O1.1 includes Control Accounts for the Continuity of Services (COS) which will be in place for a 60 day period starting in July. PBS OH-WV-0020 for Safeguards and Security is not discussed further since it is level-of-effort. July performance for PBS OH-WV-0040.O1.1 is presented in Section 4.1.3.

## **1.8 American Recovery and Reinvestment Act (ARRA) Contract Performance**

The ARRA contract is comprised of three PBS elements:

- PBS OH-WV-0013.R1, ARRA TRU and Solid Waste,
- PBS OH-WV-0040.R1.1, ARRA Nuclear Facility Decontamination and Dismantlement - MPPB (Capital Asset Project); and
- PBS OH-WV-0040.R1.2, ARRA Other D&D.

The net cumulative SPI and CPI for the ARRA portion of the contract work scope is 0.99 (green) and 1.05 (green), respectively.

The cumulative SPI and CPI for PBS OH-WV-0013.R1 at the end of July 2011 is 1.00 (green) and 1.34 (red), respectively. Work associated with the Waste Processing and Repacking scope that had previously comprised this PBS was completed in September 2010. This PBS now includes two active accounts for shipping wastes to off-site disposal, one of them newly created as part of the Continuity of Services portion of the contract work. These accounts are both managed as level-of-effort (where BCWP is equal to BCWS) pending the availability of resources. July performance for this PBS is presented in Section 4.2.1.

The cumulative SPI and CPI for PBS OH-WV-0040.R1.1 at the end of July 2011 are 0.98 (green) and 1.06 (green), respectively. The schedule performance index is a slight improvement from last month reflecting the performance of previously planned work in the Off-Gas Cell. The increase in the CPI is a net result of the capital asset cost adjustments that were made with DOE approval. July performance for this PBS is presented in Section 4.2.2.

The cumulative SPI and CPI for PBS OH-WV-0040.R1.2 at the end of July 2011 are 1.00 (green) and 0.94 (green), respectively. Notable here again for this reporting period is the continued successful operation of the Tank and Vault Drying System. July performance for this PBS is presented in Section 4.2.3.

## **1.9 Milestone Status**

There are no milestones scheduled or completed for this reporting period.

## **1.10 Risks/Opportunities**

During July, one new risk was realized related to ACM removal (See Section 8.0, Realized Risk Tables). ACM productivity in the Lower Extraction Aisle (LXA) was significantly less than planned due to a number of factors. First, workforce restructuring that occurred on June 30, resulted in impacts to the ACM removal crew. Work proceeded in July with a number of personnel who were newer/less experienced with ACM removal. Therefore, productivity was impacted by a learning curve as new crew members were brought up to speed. Also, the remaining ACM in the LXA is some of the most difficult to access and physically demanding to remove due to a number of structural impediments and elevated platforms being required to get at the asbestos. In addition to impacting productivity, these challenges contributed towards initial quantities of the total ACM to be removed from the area being under-estimated. It was estimated that there was 70 linear feet of ACM remaining in the LXA in June 2011. As crews gained access to some of the most difficult areas of the LXA, it was determined that the total quantities of ACM to be removed were greater than originally planned (155 linear feet). Finally, very high temperatures during the month of July necessitated reduced stay times to mitigate the heat hazards, which also impacted productivity. As a result of these issues (new crew members, accessibility constraints, physically demanding / elevated work environment, worker safety / heat-related concerns, and an overall increase in the total quantity of ACM remaining to be removed), the ACM removal tasks were delayed into August 2011. However, current estimates indicate that remaining ACM work will finish by the end of the WVES contract (August 28, 2011).

In terms of risk mitigation, WVES installed a personnel cooling area in the Main Plant to minimize the productivity impacts associated with the high July temperatures.

Additionally, WVES continued to remove high-dose vessels and boxes of piping from the Off Gas Cell (OGC) in July. These activities further mitigated the external dose rates in the cell, which were much higher than originally anticipated, and had been a primary contributor to initial delays in production, overall.

Finally, for waste processing, plasma cutting of the first dissolver (3C-2) in the RHWF was initiated in July. To mitigate against the risk of fire from potential sparks and hot slag from cutting operations, glass bead polishing grit was added to insulate the residual material at the bottom of the dissolver annulus.

Also, mitigation activities in the VF were directed towards maintenance and repair of various waste processing tooling and systems. Numerous equipment breakdowns have been an ongoing risk that has consumed much greater than planned resources to mitigate than originally anticipated.

Although WVES continues to mitigate anticipated and realized risks to the maximum extent practical, the waste processing work scope for the remaining waste will not be completed during the Continuity of Services portion of the contract.

## **1.11 Business Services**

Efforts in July focused on Continuity of Services and Transition activities. Updated Worker Adjustment and Retraining Notifications (WARN) were provided to employees following conclusion of the successor contract award protest period, extending the implementation date

associated with workforce impacts from June 30 to August 28 to align with the end of the WVES contract period of performance.

A full inventory of material in outside controlled storage areas was performed. Items identified as excess will be screened through GSAXcess. Items identified to keep will be relocated to the off-site warehouse depending on their size. Additionally, a 100% inventory of high risk and sensitive government property was conducted with contract successor contractor personnel in support of contract transition activities. This inventory is separate from the 100% inventory that was completed by property custodians where eight items still remain to be located. The 100% inventory with contract transition personnel will take the place of the 10% random follow-on property inventory generally performed by property management personnel.

The WVDP legacy records re-boxing project completed in July with final disposition of records. All SF-135 forms required to transfer remaining re-box project projects to the Federal Records Center (FRC) were completed on July 13, 2011, and DOE approval for the accessions was received. The final 69 boxes were shipped to the FRC on Wednesday, July 20.

The IT supported the CHBWV transition team by providing additional computers and accesses, installing a wireless connection in the AOC North Building, and establishing GroupWise accounts. Additionally, IT coordinated a meeting with Deltek and WVDP stakeholders to develop solutions for the integration of CHBWV into the Costpoint system.

During July 2011, Procurement continued to extend key subcontracts and purchase orders under the Continuity of Services Clause, including several subcontracts which required DOE Contracting Officer (CO) approval. As part of contract close-out activities, Procurement issued letters to complete Contract Deliverable #167, "Estimate of Percentage of Recovered Material Content;" Contract Deliverable #160 "Subcontracting Report for Individual Contracts;" and Contract Deliverable #137, "Balanced Scorecard Final Report." In addition, Procurement received DOE CO approval to waive final cost audits for several affiliate cost-type subcontracts, submitted its ARRA Quarterly Report, and conducted a self-assessment of subcontractor per diem payment practices.

Relative to contract transition activities, Procurement finalized a lease for additional office space for the CH2M Hill B&W WV Transition Team and is currently assisting with the assignment of subcontracts from WVES to CHBWV.

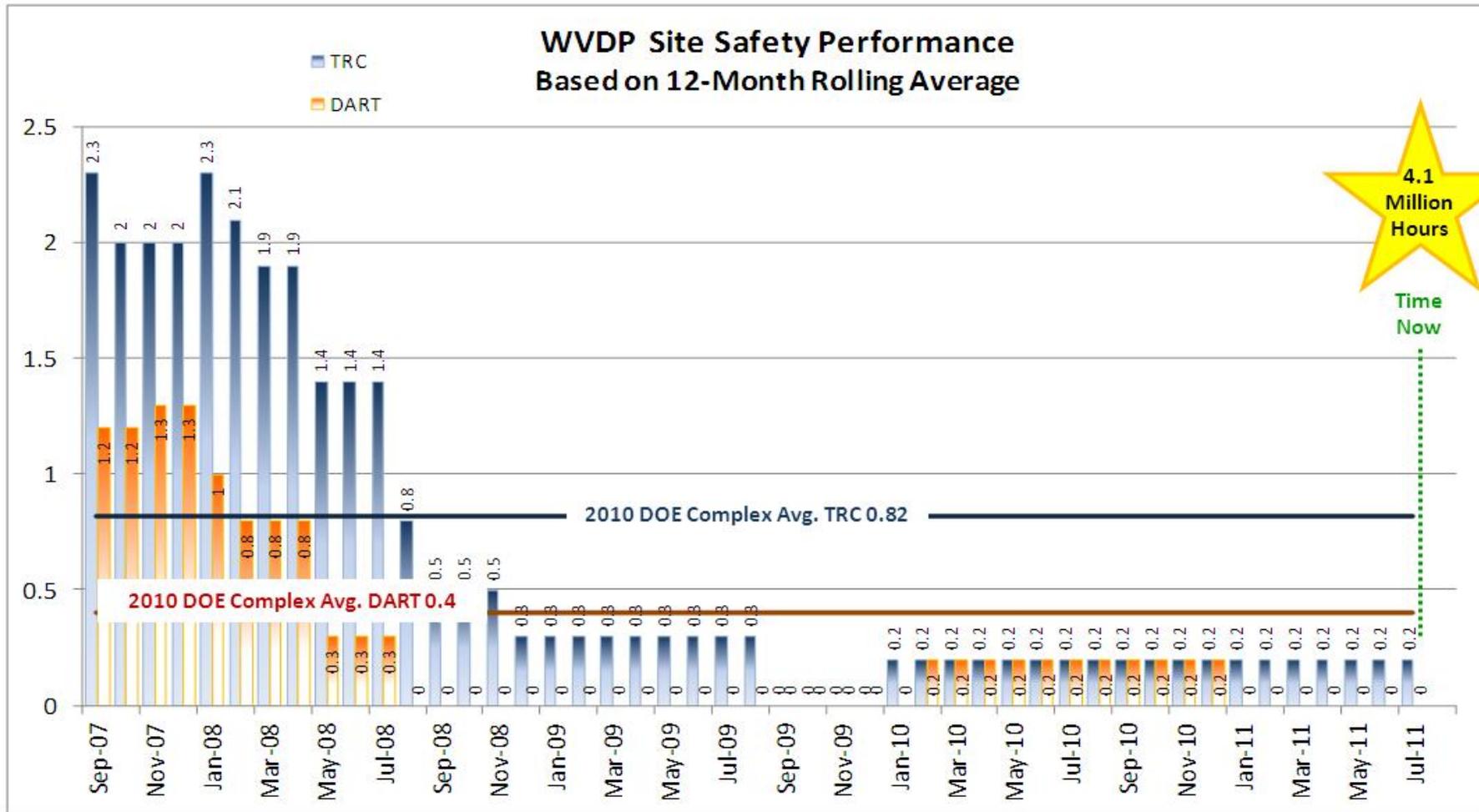
The WVES cumulative small business performance from September 1, 2007 through July 31, 2011 follows.

Total all business 9/1/2007 to 7/31/2011= \$157,064,037

<b>CATEGORY</b>	<b>TOTAL</b>	<b>GOAL (%)</b>	<b>% ACHIEVED</b>
Small *	\$124,899,023	55%	79.5%
Small Disadvantaged Business	\$46,811,682	26%	29.8%
Women-Owned Small	\$38,088,146	20%	24.3%
Hub Zone Small	\$5,779,676	2.2%	3.7%
Service-Disabled Veteran-Owned Small	\$3,558,420	4%	2.3%
Upstate New York Businesses	\$80,907,755	25%	51.5%

\* Includes SDB, Women-Owned Small, Hub Zone Small, and Service-Disabled Veteran-Owned Small Business totals.

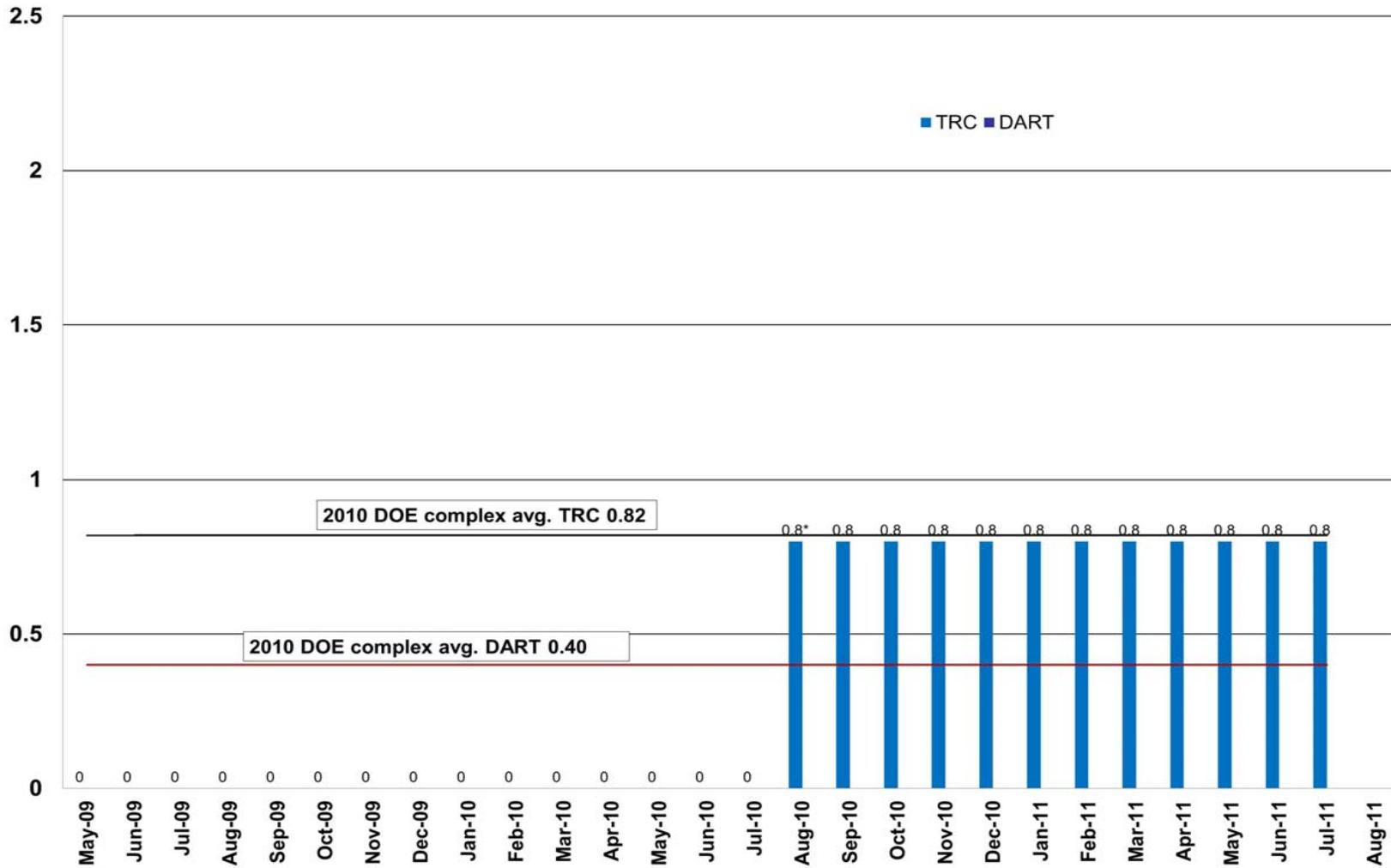
## 2.0 Baseline Safety Performance



**Current Status:** Total Recordable Case (TRC) Rate : 0.2  
**Current Status:** Days Away, Restricted, Transferred (DART) Rate: 0.0

# WVDP ARRA Safety Performance

## Cumulative Project to Date July 2011



**Current Status:** Total Recordable Case Rate (TRC): 0.8\*

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

\*TRC changed as a result of one Recordable injury that occurred in August 2010.

### 3.0 Project Activities (Photos)

**Main Plant – Before and After  
photos of the repainted North Stairwell**



## Mechanical Operating Aisle Cleanup, Before and After Photos



### Analytical Aisle – CTS Lab, Before and After photos



## Warehouse Pad Area Cleanup – Before and After



## 4.0 Monthly Earned Value Performance Analysis Summary

Through the end of July 2011, the overall contract maintains a cumulative Schedule Performance Index (SPI) of 0.99 (green) and cumulative Cost Performance Index (CPI) of 0.95 (green). The following discusses the Base and ARRA contributions to this overall performance.

### 4.1 Base Portion of Contract

The base portion of the Contract is comprised of four PBS elements:

- PBS OH-WV-0013, Solid Waste Stabilization and Disposition,
- PBS OH-WV-0020, Safeguards and Security,
- PBS OH-WV-0040.C1, Nuclear Facility Decontamination and Decommissioning (D&D) – MPPB D&D (Capital Asset Project), and
- PBS OH-WV-0040.O1.1, Nuclear Facility Decontamination and Decommissioning – (Operations 1).

Since the Safeguards and Security PBS is “level-of-effort”, no discussion for this PBS follows. Overall cost and schedule performance for this PBS is summarized in the President’s Assessment.

For the base portion of the Interim End State Contract, the critical path goes through both Vitrification Facility (VF) waste processing and Extraction Cell 1 (XC-1) removal of piping and vessels. VF waste processing activities have 43 days of negative total float through the processing of the remaining waste (i.e., dissolvers 3C-1 and 3C-2, SBS, TC-501/TC-503 and the repackage 12-4490V). Plasma cutting is being used in the RHWF to cut 3C-2 in half. Preparations are underway for SBS processing in the VF. The waste processing work scope for this remaining waste will not be completed during the Continuity of Services portion of the contract.

The XC-1 removal of piping and vessels currently has 31 days of negative total float due to June’s excessive equipment failures (remote arm and cutting tools). Additionally, crews were reassigned in early July (due to ARRA staff reductions) and training was required to prepare the new crews for work in XC-1. Pots 4Y1, 7Y1, 7Y3, and 4C-13A were cut and removed or staged for removal in July. All remaining vessels are planned to be cut and removed by August 25<sup>th</sup>.

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.

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

The remaining inventory of Legacy Waste to be processed is 2,976 ft<sup>3</sup> of Remote-Handled Transuranic (RH-TRU) waste. For the month of July, none of this waste was completed. Dissolver 3C-2 is in process in the RHWF and preparations have begun in the Vitrification Facility for the processing of the WVDP vitrification system’s Submerged Bed Scrubber (SBS). The total volume of TRU waste processed as part of the Path to Completion Plan thus remains at 30,887 ft<sup>3</sup>. This is about 91.2% of the total TRU to be processed as part of the Path to Completion Plan. The corresponding LLW total is 13,865 ft<sup>3</sup> which was completed earlier representing 100% of the total in this waste category.

**Remote-Handled Waste Facility (RHWF) -** Processing of the first dissolver continued in the RHWF in July. Glass bead polishing grit was added through the dissolver basket ports of dissolver 3C-2 to cover the residual material at the bottom of the dissolver annulus. This grit material was selected for its easy flowing and slumping characteristics compared to other readily available granular material. It was added as a precaution to insulate this residual material from potential sparks and hot slag from cutting

operations. Plasma cutting of this dissolver has begun in July. The outer cut around the circumference of the dissolver was completed.

**Vitrification Facility (VF)** - There was no waste processing activity in the Vitrification Facility (VF) during this reporting period. During July, activities were directed toward maintenance and repair of tooling and systems including: decontamination and repair to three Nitrocision® long guns; replacement and repairs to the jaws on the Brokk® combi tool; removal, decon and successful repair to Vitrification cameras 1 and 2; and annual inspections of the Crane Maintenance Room (CMR) maintenance crane, the VF 30 ton and VF process cranes.

**Off-Site Processing of Wastes** - In addition to the above on-site waste processing, during July, another box of high dose mercury and lead debris waste were shipped to Nevada National Security Site disposal area from EnergySolution's Bear Creek facility. This brings the total to five of six such boxes.

During July, responses to comments on the draft waste profile for the Concentrator Feed Makeup Tank and the Melter Feed Hold Tank were provided to NNSS for concurrence.

### **Performance Summary**

The overall period and cumulative-to-date performance for PBS OH-WV-0013 is shown below. The cumulative SV for this PBS is negative \$729K and the cumulative CV is negative \$14,132K with corresponding SPI of 0.99 (green) and CPI of 0.82 (red), respectively.

## PBS OH-WV-0013 (Base)

Solid Waste Stabilization and Disposition - West Valley

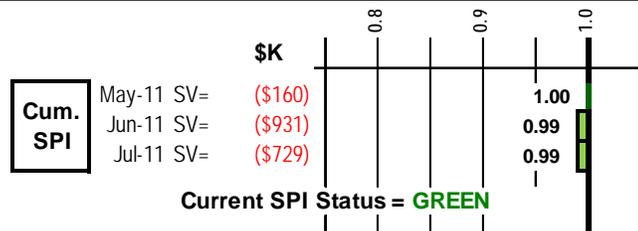
Base Portion of Contract - This Period					
Ref. No.	BCWS	BCWP	ACWP	SV	CV
10.2100 Legacy Waste Process & Repkg	0	202	1502	202	(1300)
10.2200 Legacy Waste Disposition	0	0	168	0	(168)
10.2400 Drum Cell Disposition	0	0	0	0	0
<b>PBS OH-WV-0013</b>	<b>0</b>	<b>202</b>	<b>1670</b>	<b>202</b>	<b>(1468)</b>

Base Portion of Contract - Cumulative Thru This Period							
Ref. No.	BCWS	BCWP	ACWP	SV	CV	SPI	CPI
10.2100 Legacy Waste Process & Repkg	42382	41653	56361	(729)	(14708)	0.98	0.74
10.2200 Legacy Waste Disposition	19895	19895	19632	0	263	1.00	1.01
10.2400 Drum Cell Disposition	2162	2162	1849	0	313	1.00	1.17
<b>PBS OH-WV-0013</b>	<b>64439</b>	<b>63710</b>	<b>77842</b>	<b>(729)</b>	<b>(14132)</b>	<b>0.99</b>	<b>0.82</b>

### Performance to Schedule

Through July 2011 the cumulative SPI for this PBS is 0.99 (green), the same as last month.

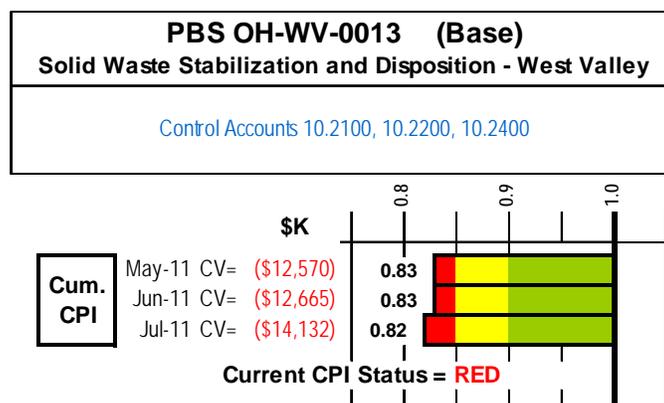
PBS OH-WV-0013 (Base)	
Solid Waste Stabilization and Disposition - West Valley	
Control Accounts 10.2100, 10.2200, 10.2400	



**Performance to Cost**

Through July 2011, PBS OH-WV-0013 has a cumulative CPI of 0.82 (red). As noted in previous Monthly Progress Reports, from an overall perspective, this CPI is the net overall result of carrying forward the cost variance that existed at the end of May 2010 as part of the baseline update approved by DOE in September, 2010. This cost variance is primarily attributable to costs associated with higher than expected equipment repairs (e.g. Vitrification Facility (VF) Brokk® and overhead crane) and facility upgrades for the Contact Size Reduction Facility (CSRF), Container Sorting and Packaging Facility (CSPF), and Waste Packaging Area (WPA).

The slight degradation for July is the result of two things: the dissolver being more difficult than originally planned (resulting in low earned value with the full cost of the working crews and supplies) and the transfer of previous costs associated with a spare robotic arm and the Nitrocision® decontamination unit from the Base and ARRA portions of the Main Plant D&D Capital Asset Project. These transferred costs were part of cost readjustments per DOE approval.



**Corrective Action Planned/Taken**

**Schedule Corrective Actions** – Not applicable; variance is within acceptable range.

**Cost Corrective Actions** – Greater than planned costs for equipment repairs and facility upgrades provided new waste processing technologies to reduce processing time and increase productivity. As noted above, due to the revised baseline process, the cost variance will continue as additional RH-TRU wastes are processed during the Continuity of Services period of performance.

**Progress Toward and Estimated Completion of Recovery**

New equipment for enhanced waste processing is installed and being used as applicable. This includes the Nitrocision® decontamination unit, and the RJR® arm in the Vitrification Facility. As noted earlier, the cost variance will continue as additional RH-TRU wastes are processed during the Continuity of Services period of performance.

#### 4.1.2 PBS OH-WV-0040.C1, Nuclear Facility D&D - Main Plant D&D

**Extraction Cells** - In cell activities in July were focused on the removal of pots 4Y-1 (4C-1 Aqueous Decanter), 4C-13A and 4C-13B (Partition Cycle Feed Pump Pots). Pot 4Y-1 was removed from its mounting and lowered to the XC-1 floor for later removal. All the piping and structural supports for pots 4C-13A and 4C-13B were removed. The waste box for these two pots was positioned in the hatch of adjacent cell XC-2. Approximately 50% of the connective piping has been removed from column 4C-2 (Partition Cycle Partition Column). The mock-up training of the column cutting tooling continued in the Vitrification Test Facility with testing and operator training in preparation for the removal of the long skinny processing columns on the south side of the cell.

#### Performance Summary

The overall period and cumulative-to-date performance for PBS OH-WV-0040.C1 is shown below. The cumulative SV is negative \$273K and the CV is negative \$4,958K with corresponding SPI of 1.00 (green) and CPI of 0.93 (green).

#### PBS OH-WV-0040.C1 (Base)

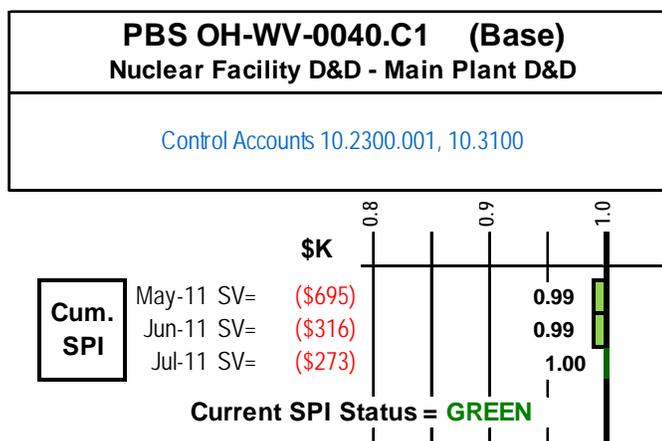
Nuclear Facility D&D - Main Plant D & D

Base Portion of Contract - This Period					
Ref. No.	BCWS	BCWP	ACWP	SV	CV
10.2300.001 LLW/MLLW MPPB Transp'n & Disp'l	0	0	0	0	0
10.3100 MPPB	0	43	(35)	43	78
<b>PBS OH-WV-0040.C1</b>	<b>0</b>	<b>43</b>	<b>(35)</b>	<b>43</b>	<b>78</b>

Base Portion of Contract - Cumulative Thru This Period							
Ref. No.	BCWS	BCWP	ACWP	SV	CV	SPI	CPI
10.2300.001 LLW/MLLW MPPB Transp'n & Disp'l	606	606	439	0	167	1.00	1.38
10.3100 MPPB	61447	61174	66299	(273)	(5125)	1.00	0.92
<b>PBS OH-WV-0040.C1</b>	<b>62053</b>	<b>61780</b>	<b>66738</b>	<b>(273)</b>	<b>(4958)</b>	<b>1.00</b>	<b>0.93</b>

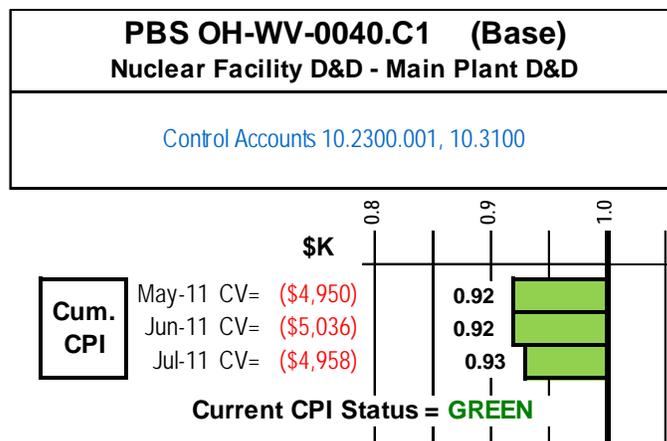
#### Performance to Schedule

Through July 2011, the cumulative SPI is 1.00 (green), reflecting that except for the Extraction Cells, the other planned scope in the Main Plant is complete.



## Performance to Cost

Through July 2011, the cumulative CPI is 0.93 (green). The slight improvement from last month is primarily the result of cost readjustments per DOE approval.



## Corrective Action Planned/Taken

**Schedule Corrective Action:** Not applicable; variance is within acceptable range.

**Cost Corrective Action:** Not applicable; variance is within acceptable range.

## Progress Toward and Estimated Completion of Recovery

Not applicable.

### **4.1.3 PBS OH-WV-0040.O1.1, Nuclear Facility D&D – (Operations 1)**

**HLW Records** - In July, the HLW records correction methodology and data verification were completed. Corrections to the Production Records and Canistered Waste Form Data Packages are scheduled to be complete during the next reporting period of the Continuity of Services work.

## Performance Summary

The overall period and cumulative-to-date performance for PBS OH-WV-0040.O1.1 is shown below. The cumulative SV is \$0K and the cumulative CV is positive \$171K with a corresponding SPI of 1.00 (green) and CPI of 1.00 (green). Added to the chart below are the cost accounts associated with the Continuity of Services work currently being pursued. The actual costs for the prior base accounts that comprise this PBS include lagging invoices for prior approved work and cost readjustments per DOE approval.

## PBS OH-WV-0040.01.1 (Base)

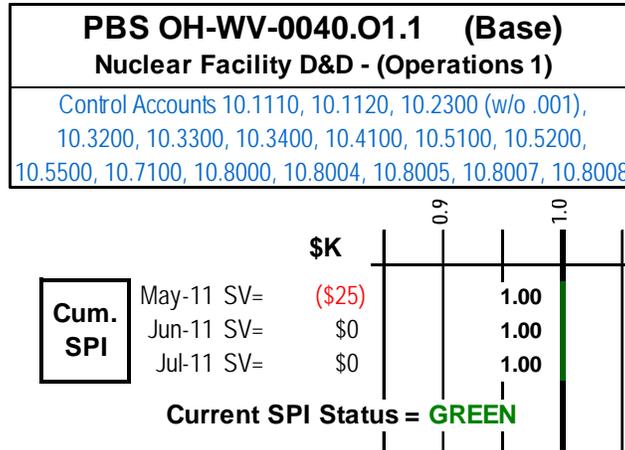
Nuclear Facility D&D - (Operations 1)

Base Portion of Contract - This Period					
Ref. No.	BCWS	BCWP	ACWP	SV	CV
10.1110 Site Operations	0	0	307	0	(307)
10.1120 Infrastructure Projects	0	0	0	0	0
10.2300 (w/o .001) New ly Gen. RadWaste Disp'n.	0	0	0	0	0
10.3200 Balance of Site Facilities Disposition	0	0	0	0	(0)
10.3300 RHWF & VF Decontamination	0	0	48	0	(48)
10.3400 Waste Tank Farm Isolation	0	0	0	0	0
10.4100 Regulatory Affairs	0	0	2	0	(2)
10.5100 DOE Infrastructure Support	0	0	3	0	(3)
10.5200 EEOICPA Support	0	0	(0)	0	0
10.5500 HLW Canister Storage Design	0	0	0	0	0
10.7100 Pension	0	0	0	0	0
10.8000 Continuity of Services (COS)	3392	3392	2057	0	1335
10.8004 COS DOE Program Management	26	26	11	0	16
10.8005 COS EEOICPA	0	0	0	0	(0)
10.8007 COS HLW Records	44	44	21	0	23
10.8008 COS Non-Labor Transition	0	0	5	0	(5)
<b>PBS-OH-WV-0040.01.1</b>	<b>3463</b>	<b>3463</b>	<b>2454</b>	<b>0</b>	<b>1009</b>

Base Portion of Contract - Cumulative Thru This Period							
Ref. No.	BCWS	BCWP	ACWP	SV	CV	SPI	CPI
10.1110 Site Operations	47923	47923	48879	0	(956)	1.00	0.98
10.1120 Infrastructure Projects	6364	6364	6363	0	1	1.00	1.00
10.2300 (w/o .001) New ly Gen. RadWaste Disp'n.	48	48	65	0	(17)	1.00	0.74
10.3200 Balance of Site Facilities Disposition	4089	4089	4240	0	(151)	1.00	0.96
10.3300 RHWF & VF Decontamination	264	264	250	0	14	1.00	1.06
10.3400 Waste Tank Farm Isolation	4154	4154	4673	0	(518)	1.00	0.89
10.4100 Regulatory Affairs	21526	21526	21057	0	469	1.00	1.02
10.5100 DOE Infrastructure Support	1410	1410	1500	0	(90)	1.00	0.94
10.5200 EEOICPA Support	0	0	56	0	(56)	n/a	0.00
10.5500 HLW Canister Storage Design	671	671	531	0	140	1.00	1.26
10.7100 Pension	13463	13463	13463	0	0	1.00	1.00
10.8000 Continuity of Services (COS)	3392	3392	2091	0	1301	n/a	1.62
10.8004 COS DOE Program Management	26	26	11	0	16	1.00	2.47
10.8005 COS EEOICPA	0	0	0	0	(0)	n/a	0.00
10.8007 COS HLW Records	44	44	21	0	23	1.00	2.11
10.8008 COS Non Labor Transition	0	0	5	0	23	n/a	0.00
<b>PBS-OH-WV-0040.01.1</b>	<b>103375</b>	<b>103375</b>	<b>103204</b>	<b>0</b>	<b>171</b>	<b>1.00</b>	<b>1.00</b>

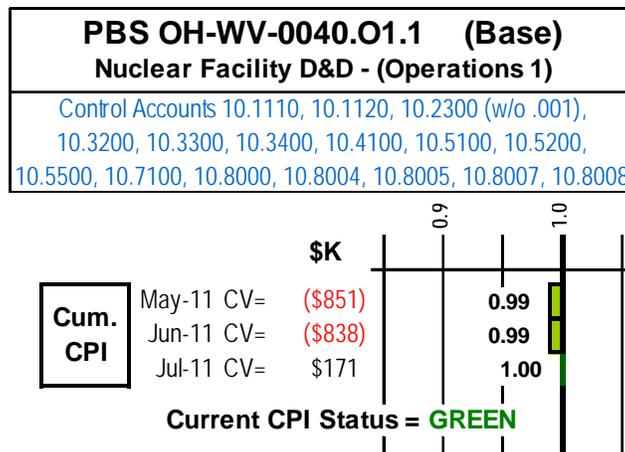
**Performance to Schedule**

Through July 2011, PBS OH-WV-0040.O1.1 had a cumulative SPI of 1.00 (green), the same as last month.



**Performance to Cost**

Through July 2011, PBS OH-WV-0040.O1.1 had a cumulative CPI of 1.00 (green), a slight improvement over last month.



**Corrective Action Planned/Taken**

**Schedule Corrective Action:** Not applicable; variance is within acceptable range.

**Cost Corrective Action:** Not applicable; variance is within acceptable range.

**Progress Toward and Estimated Completion of Recovery**

Not applicable.

## 4.2 Monthly Performance Analysis Summary – ARRA Portion of Contract

The ARRA portion of the Contract is comprised of three PBS elements:

- PBS OH-WV-0013.R1, ARRA TRU and Solid Waste,
- PBS OH-WV-0040.R1.1, ARRA Main Plant D&D (Capital Asset Project),
- PBS OH-WV-0040.R1.2, ARRA Other D&D

The ARRA critical path is through Off-Gas Cell (OGC) deactivation and decontamination with 31 days of negative total float through the removal of piping and vessels. In July, vessels 6V-1 and 6E-4 plus at least 50 linear feet of piping was removed from the cell. Vessel removal and pipe removal is still on track for August 25th, however equipment removal and final ACM clearance and demobilization is slipping into September.

Additionally, Asbestos Containing Material (ACM) removal in the Lower Extraction Aisle (LXA) currently has 31 days of negative total float due to additional ACM located in the LXA. In July, engineers and supervisors performed an area inspection and corrected the quantity estimate from 70 to 155 linear feet. The earlier estimate did not include several small valves and pipe sections at the highest levels of the LXA. In addition, ACM was found under a section of fiberglass pipe insulation. Forty linear feet of ACM was removed in July. Area preparations and changes to worker assignments decreased initial productivity however the completion of LXA is on track for August 25.

### 4.2.1 PBS OH-WV-0013.R1, ARRA TRU and Solid Waste

**ARRA Additional Shipping** – DOE approved work scope had been previously added to this PBS for the May-June period for shipping and disposal of additional radioactive wastes. As reported previously, 20,838 ft<sup>3</sup> of waste was shipped to disposal during that period. Additional waste shipping is included as part of the Continuity of Services. Both of these waste shipping campaigns are on a level-of-effort basis as the result of resource availability uncertainty. In July, as part of the Continuity of Services, six shipments of LLW totaling 7,426 ft<sup>3</sup> were sent to NNS in Nevada for disposal.

## Performance Summary

Work associated with the Waste Processing and Repacking scope that had previously comprised this PBS was completed in September 2010. The actual costs shown for July in the table below are for lagging invoices from prior approved work and cost readjustments per DOE approval. In May and July, work packages for shipping wastes to off-site disposal were added to this PBS. With the addition of the active work scope for shipping, the overall period and cumulative-to-date performance for PBS OH-WV-0013.R1 is shown below. Cumulatively the SV is zero and the CV is positive \$2,765K with corresponding cumulative SPI of 1.00 (green) and CPI of 1.34 (red).

### **PBS OH-WV-0013.R1 (ARRA)**

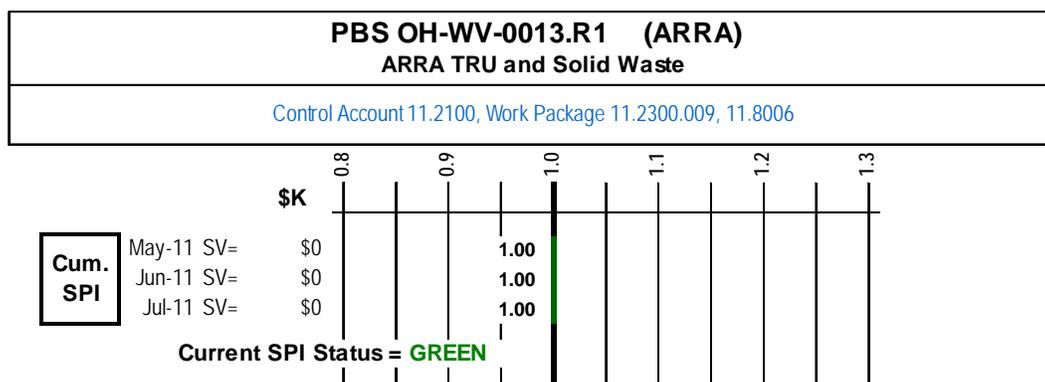
ARRA TRU and Solid Waste

ARRA Portion of Contract - This Period					
Ref. No.	BCWS	BCWP	ACWP	SV	CV
11.2100 ARRA Legacy Waste Process and Repack.	0	0	380	0	(380)
11.2300.009 ARRA Add'n'l Shipping	1888	1888	665	0	1223
11.8006 COS ARRA Waste Shipping	174	174	181	0	(7)
<b>PBS OH-WV-0013.R1</b>	<b>2062</b>	<b>2062</b>	<b>1226</b>	<b>0</b>	<b>835</b>

ARRA Portion of Contract - Cumulative Thru This Period							
Ref. No.	BCWS	BCWP	ACWP	SV	CV	SPI	CPI
11.2100 ARRA Legacy Waste Process and Repack.	8924	8924	7374	0	1550	1.00	1.21
11.2300.009 ARRA Add'n'l Shipping	1888	1888	665	0	1223	1.00	2.84
11.8006 COS ARRA Waste Shipping	174	174	181	0	(7)	n/a	0.96
<b>PBS OH-WV-0013.R1</b>	<b>10985</b>	<b>10985</b>	<b>8220</b>	<b>0</b>	<b>2765</b>	<b>1.00</b>	<b>1.34</b>

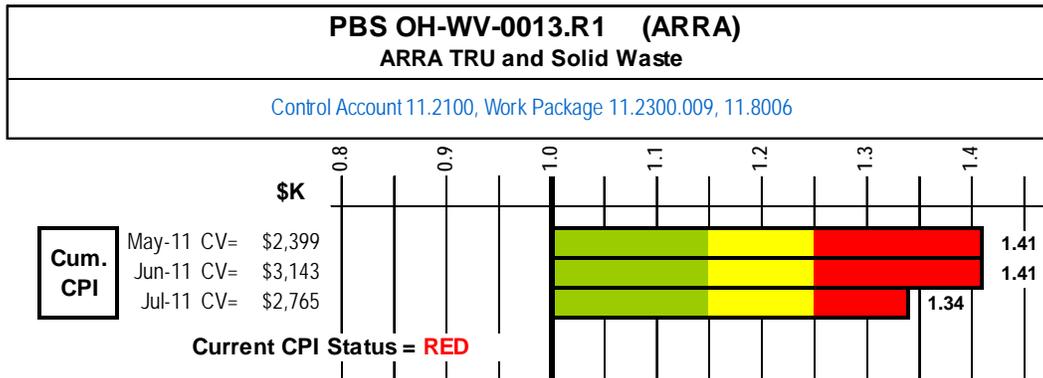
## Performance to Schedule

Through July 2011, PBS OH-WV-0013.R1 has a cumulative CPI of 1.00 (green). This SPI is the result of taking performance on a level of effort basis (where BCWP is set equal to BCWS) for waste shipping and performing the waste processing work scope as planned.



**Performance to Cost**

As noted above for the waste shipping work scope that was added to this PBS, with BCWP set equal to BCWS as a level-of-effort activity and actual costs associated with waste shipping, a positive cost variance results. This combined with the positive cost variance from the prior waste processing and packaging work from the use of less PPE than planned produced a CPI of 1.34 (red).



#### 4.2.2 PBS OH-WV-0040.R1.1, ARRA Main Plant D&D (Capital Asset)

**Acid Recovery** - In July, vessels 6V-1 (Vessel Off-Gas Cyclone) and 6E-4 (Vessel Off-Gas Heater) plus at least 50 linear feet of piping was removed from the Off-Gas Cell. Vessel removal and pipe removal is still on track for completion as planned by August 25th, however equipment removal and final Asbestos Containing Material (ACM) clearance and demobilization is slipping into September.

**Asbestos Containing Material (ACM) Removal** - Originally in June 2011, it was estimated that there was 70 linear feet of ACM material remaining in the Lower Extraction Aisle (LXA). In July, engineers and supervisors performed an area inspection and corrected the estimate to 155 linear feet. The earlier estimate did not include several small valves and pipe sections at the highest sections of the LXA. In addition, ACM was found under a section of fiberglass pipe insulation. In July, 40 linear feet of this ACM in the LXA was removed. Work efforts to prepare the area for ACM removal and personnel reassignments to higher priority work decreased initial productivity, however the completion of LXA is still on track for August 25th.

#### Performance Summary

The overall period and cumulative-to-date performance for PBS OH-WV-0040.R1.1 is shown below. Cumulatively the SV is a negative \$593K and the CV is positive \$1,613K with corresponding cumulative SPI of 0.98 (green) and CPI of 1.06 (green).

### PBS OH-WV-0040.R1.1 (ARRA)

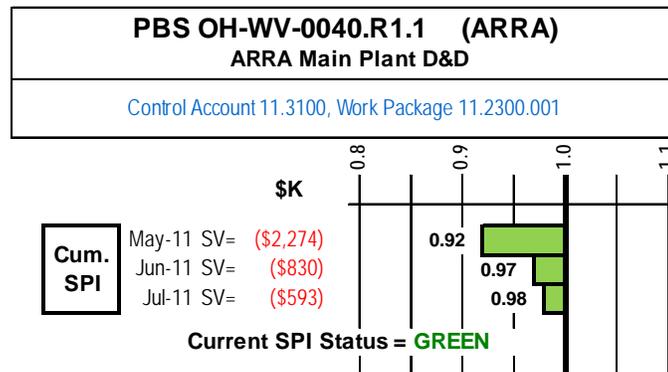
ARRA Main Plant D&D

ARRA Portion of Contract - This Period					
Ref. No.	BCWS	BCWP	ACWP	SV	CV
11.3100 ARRA MPPB	0	237	115	237	121
11.2300.001 ARRA LLW/MLLW MPPB Trans. & Disp'n	0	0	0	0	0
<b>PBS OH-WV-0040.R1.1</b>	<b>0</b>	<b>237</b>	<b>115</b>	<b>237</b>	<b>121</b>

ARRA Portion of Contract - Cumulative Thru This Period							
Ref. No.	BCWS	BCWP	ACWP	SV	CV	SPI	CPI
11.3100 ARRA MPPB	29719	29125	27452	(593)	1673	0.98	1.06
11.2300.001 ARRA LLW/MLLW MPPB Trans. & Disp'n	165	165	225	0	(60)	1.00	0.73
<b>PBS OH-WV-0040.R1.1</b>	<b>29884</b>	<b>29290</b>	<b>27677</b>	<b>(593)</b>	<b>1613</b>	<b>0.98</b>	<b>1.06</b>

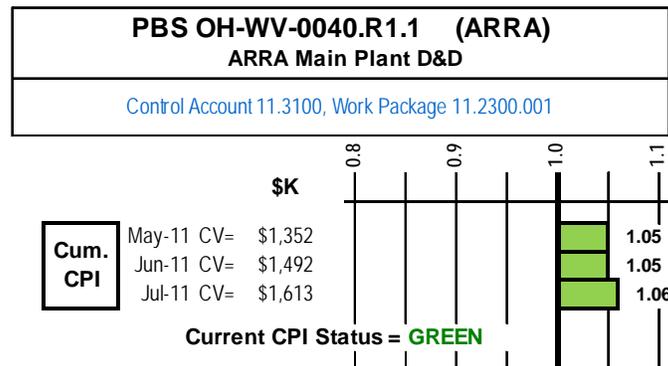
**Performance to Schedule**

Through July 2011, PBS OH-WV-0040.R1.1 had a cumulative SPI of 0.98 (green), a slight improvement over last month's 0.97. This improvement is the result of completing work in the Off-Gas Cell in July that had been planned for completion earlier.



**Performance to Cost**

Through July 2011, PBS OH-WV-0040.R1.1 has a cumulative CPI of 1.06 (green), a slight change from last month's 1.05. This change is due primarily to the cost re-adjustments per DOE approval.



**Corrective Action Planned/Taken:**

**Schedule Corrective Action:** Not applicable; variance is within acceptable range.

**Cost Corrective Action:** Not applicable; variance is within acceptable range.

**Progress Toward and Estimated Completion of Recovery**

Not applicable.

#### 4.2.3 PBS OH-WV-0040.R1.2, ARRA Other D&D

**Tank & Vault Drying System (T&VDS)** - The system operated near-continuously from January through July. During July over 1,600 gallons of liquid were evaporated from Tanks 8D-1, 8D-2, 8D-3 and 8D-4 bringing the total tank liquid evaporated to approximately 14,600 gallons or 56% of the tank inventories just before T&VDS operation was initiated. The level in Tank 8D-2 was below the tank's level indicator from April 1 to the present; this tank is expected to be essentially void of liquid as of June 30, 2011. Based on level trending in Tank 8D-1, the liquid heel will fall below the level indicator at the end of August. Additional liquid has evaporated from the vaults with level reductions observed in the pans of 8D-1 and 8D-2 and the vault of Tanks 8D-3 and 8D-4. Relative humidity sensors and transmitters on the exhausts of Tank 8D-2, Tanks 8D-3/4 and the 8D-3/4 vault were replaced due to erroneous outputs. The relative humidities (RHs) in the tanks and vaults have been reduced to expected values by system operation, except for the humidity in Tank 8D-2. This humidity is higher (50-60% RH) than the 30% RH expected with the cause attributed to excessive outside air infiltration into the tank. Work documents have been written to reduce this infiltration and initial field work has begun.

**North Plateau Groundwater Plume** - As of June 30, no additional charges are being accepted to the 4300 Control Account for the Permeable Treatment Wall. Routine monitoring is continuing under the Continuity of Services, Regulatory Work Package as part of the base portion of the contract. During July 2011, second quarter Permeable Treatment Wall (PTW) performance monitoring was completed with report submittal scheduled for September 2011.

#### Performance Summary

The overall period and cumulative-to-date performance for ARRA PBS OH-WV-0040.R1.2 is shown below. The cumulative SV for this PBS is \$0K and the cumulative CV is negative \$1,409K with corresponding SPI of 1.00 (green) and CPI of 0.94 (green).

### PBS OH-WV-0040.R1.2 (ARRA)

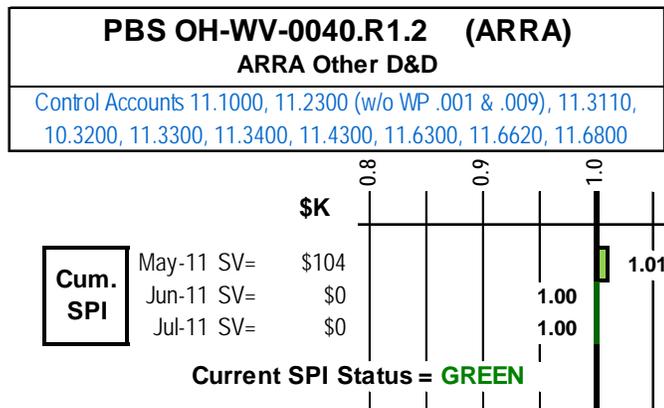
ARRA Other D&D

ARRA Portion of Contract - This Period					
Ref. No.	BCWS	BCWP	ACWP	SV	CV
11.1000 ARRA Project Support	0	0	4	0	(4)
11.2300 (w/o 001&009) ARRA New ly Gen. RadWaste Disp'n	0	0	42	0	(42)
11.3110 ARRA MPPB Liquid Waste Solid. Sys.	0	0	0	0	0
11.3300 ARRA Acceleration of D3 Vit Facility	0	0	0	0	0
11.3400 ARRA Tank & Vault Drying System	0	0	9	0	(9)
11.4300 ARRA No. Plateau GW Plume PTW Installation	0	0	(3)	0	3
11.5500 ARRA Canister Storage Design	0	0	0	0	0
11.6300 ARRA 01-14 Facility Removal	0	0	0	0	0
11.6620 ARRA BOSF Foundation Removal	0	0	0	0	0
11.6800 ARRA Isolate Lagoons	0	0	0	0	0
<b>PBS OH-WV-0040.R1.2</b>	<b>0</b>	<b>0</b>	<b>52</b>	<b>0</b>	<b>(52)</b>

ARRA Portion of Contract - Cumulative Thru This Period							
Ref. No.	BCWS	BCWP	ACWP	SV	CV	SPI	CPI
11.1000 ARRA Project Support	3593	3593	3516	0	76	1.00	1.02
11.2300 (w/o 001&009) ARRA New ly Gen. RadWaste Disp'n	931	931	511	0	420	1.00	1.82
11.3110 ARRA MPPB Liquid Waste Solid. Sys.	1571	1571	1495	0	75	1.00	1.05
11.3300 ARRA Acceleration of D3 Vit Facility	85	85	74	0	11	1.00	1.15
11.3400 ARRA Tank & Vault Drying System	7220	7220	8559	0	(1339)	1.00	0.84
11.4300 ARRA No. Plateau GW Plume PTW Installation	6780	6780	7309	0	(529)	1.00	0.93
11.5500 ARRA Canister Storage Design	0	0	(2)	0	2	n/a	0.00
11.6300 ARRA 01-14 Facility Removal	241	241	365	0	(124)	1.00	0.66
11.6620 ARRA BOSF Foundation Removal	34	34	35	0	(2)	1.00	0.95
11.6800 ARRA Isolate Lagoons	2	2	2	0	0	1.00	1.03
<b>PBS OH-WV-0040.R1.2</b>	<b>20457</b>	<b>20457</b>	<b>21866</b>	<b>0</b>	<b>(1409)</b>	<b>1.00</b>	<b>0.94</b>

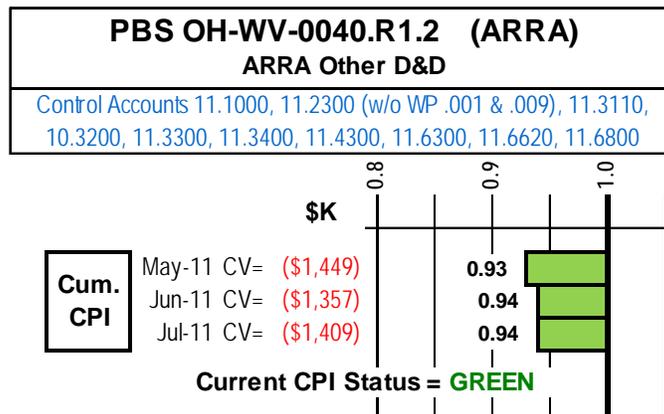
**Performance to Schedule**

Through July 2011, PBS OH-WV-0040.R1.2 has a cumulative SPI of 1.00 (green), indicating completion of the planned work.



**Performance to Cost**

Through July 2011, PBS OH-WV-0040.R1.2 has a cumulative CPI of 0.94 (green), the same as last month.



**Corrective Action Planned/Taken**

**Schedule Corrective Action:** Not applicable; variance is within acceptable range.

**Cost Corrective Action:** Not applicable; variance is within acceptable range.

**Progress Toward and Estimated Completion of Recovery**

Not applicable.

## 5.0 Base Total Project Earned Value Report

### TIME PHASED DATA

WVES, LLC

West Valley Demonstration Project

PRISM-BASE-08/15/2011-08:41:24

PAGE 1 OF 4

BASE

COST IN USD x1,000

Reporting Period 17: Jul '11

	PREVIOUS	OCT '10	NOV '10	DEC '10	JAN '11	FEB '11	MAR '11	APR '11	MAY '11	JUN '11	<u>JUL '11</u>	AUG '11	REMAIN	TOTAL
PROJECT: Base Contract														
FUNDING SOURCE: Solid Waste Stabilization and Disposition - Operations														
10.2100	10.2100 LEGACY WASTE PROCESS AND REPACKAGING													
BUDGET	27,606	1,528	1,350	1,682	1,474	1,571	1,927	1,597	1,575	2,067	0	0	0	42,381
EARNED	27,804	2,810	1,324	1,341	1,178	838	2,957	1,536	1,030	628	202		729	42,381
ACTUAL/ETC	38,646	1,957	1,759	1,707	1,743	1,842	2,331	1,734	1,734	1,400	1,501		637	56,998
10.2200	10.2200 LEGACY WASTE DISPOSITION													
BUDGET	15,652	643	651	533	244	371	753	259	342	442	0	0	0	19,894
EARNED	15,310	567	614	294	455	205	602	331	403	1,109	0		0	19,894
ACTUAL/ETC	15,584	351	325	231	455	282	484	743	571	432	167		0	19,631
10.2400	10.2400 DRUM CELL DISPOSITION													
BUDGET	2,161	0	0	0	0	0	0	0	0	0	0	0	0	2,161
EARNED	2,161	0	0	0	0	0	0	0	0	0	0		0	2,161
ACTUAL/ETC	1,848	0	0	0	0	0	0	0	0	0	0		0	1,848
FUNDING SOURCE: Solid Waste Stabilization and Disposition - Operations														
BUDGET	45,420	2,172	2,002	2,215	1,718	1,943	2,680	1,857	1,918	2,509	0	0	0	64,438
EARNED	45,276	3,378	1,939	1,635	1,634	1,044	3,559	1,868	1,433	1,738	202		729	64,438
ACTUAL/ETC	56,079	2,309	2,085	1,938	2,199	2,125	2,816	2,477	2,305	1,833	1,669		637	78,478
FUNDING SOURCE: Safeguard and Security - West Valley														
10.8002	10.8002 COS SAFEGUARDS AND SECURITY													
BUDGET	0	0	0	0	0	0	0	0	0	0	134	144	0	278
EARNED	0	0	0	0	0	0	0	0	0	0	134		144	278
ACTUAL/ETC	0	0	0	0	0	0	0	0	0	2	120		118	241
10.9100	10.9100 SAFEGUARDS AND SECURITY													
BUDGET	5,998	150	145	187	145	208	212	145	163	171	0	0	0	7,530
EARNED	5,998	150	145	187	145	208	212	145	163	171	0		0	7,530
ACTUAL/ETC	6,301	126	139	181	99	146	104	125	112	180	0		0	7,518
FUNDING SOURCE: Safeguard and Security - West Valley														
BUDGET	5,998	150	145	187	145	208	212	145	163	171	134	144	0	7,809
EARNED	5,998	150	145	187	145	208	212	145	163	171	134		144	7,809
ACTUAL/ETC	6,301	126	139	181	99	146	104	125	112	183	120		118	7,759
FUNDING SOURCE: Nuclear Facility D & D - MPPB (Capital Asset Project)														
10.2300	10.2300 NEWLY GENERATED RAD WASTE DISPOSITION													
BUDGET	605	0	0	0	0	0	0	0	0	0	0	0	0	605
EARNED	605	0	0	0	0	0	0	0	0	0	0		0	605
ACTUAL/ETC	438	0	0	0	0	0	0	0	0	0	0		0	438

## TIME PHASED DATA

WVES, LLC

West Valley Demonstration Project

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BASE

COST IN USD x1,000

Reporting Period 17: Jul '11

	PREVIOUS	OCT '10	NOV '10	DEC '10	JAN '11	FEB '11	MAR '11	APR '11	MAY '11	JUN '11	JUL '11	AUG '11	REMAIN	TOTAL
<b>10.3100 10.3100 MAIN PLANT PROCESS BUILDING</b>														
BUDGET	45,641	1,596	2,064	2,243	1,602	1,645	2,031	1,492	1,469	1,659	0	0	0	61,446
EARNED	43,975	1,380	2,347	2,608	1,376	1,196	1,894	2,133	2,179	2,038	42		272	61,446
ACTUAL/ETC	49,047	1,244	1,532	2,210	1,641	2,152	2,919	2,251	1,209	2,124	-35		733	67,032
<b>FUNDING SOURCE: Nuclear Facility D &amp; D - MPPB (Capital Asset Project)</b>														
BUDGET	46,247	1,596	2,064	2,243	1,602	1,645	2,031	1,492	1,469	1,659	0	0	0	62,052
EARNED	44,581	1,380	2,347	2,608	1,376	1,196	1,894	2,133	2,179	2,038	42		272	62,052
ACTUAL/ETC	49,486	1,244	1,532	2,210	1,641	2,152	2,919	2,251	1,209	2,124	-35		733	67,470
<b>FUNDING SOURCE: Nuclear Facility D &amp; D - Operations</b>														
<b>10.1110 10.1110 SITE OPERATIONS</b>														
BUDGET	37,601	861	997	1,238	991	991	1,462	1,245	1,155	1,377	0	0	0	47,923
EARNED	36,450	2,029	982	1,237	990	991	1,463	1,259	1,207	1,313	0		0	47,923
ACTUAL/ETC	39,479	654	700	1,075	931	1,352	1,430	1,109	617	1,220	306		0	48,878
<b>10.1120 10.1120 INFRASTRUCTURE PROJECTS</b>														
BUDGET	4,203	0	0	0	0	0	2,160	0	0	0	0	0	0	6,364
EARNED	4,203	0	0	0	0	0	2,160	0	0	0	0	0	0	6,364
ACTUAL/ETC	6,363	0	0	0	0	0	0	0	0	0	0	0	0	6,363
<b>10.2300 10.2300 NEWLY GENERATED RAD WASTE DISPOSITION</b>														
BUDGET	48	0	0	0	0	0	0	0	0	0	0	0	0	48
EARNED	48	0	0	0	0	0	0	0	0	0	0	0	0	48
ACTUAL/ETC	65	-0	0	0	-0	0	0	0	0	0	0	0	0	65
<b>10.3200 10.3200 BALANCE OF SITE FACILITIES DISPOSITION</b>														
BUDGET	4,079	0	4	5	0	0	0	0	0	0	0	0	0	4,089
EARNED	4,057	0	0	4	1	0	0	0	2	22	0		0	4,089
ACTUAL/ETC	4,212	3	1	11	6	-1	7	-3	2	-0	0		0	4,239
<b>10.3300 10.3300 RHWF AND VITRIFICATION FACILITY DECON</b>														
BUDGET	0	69	82	102	9	0	0	0	0	0	0	0	0	264
EARNED	0	0	0	14	22	37	13	44	79	52	0		0	264
ACTUAL/ETC	5	-0	0	28	33	7	12	44	20	49	48		0	250
<b>10.3400 10.3400 WASTE TANK FARM ISOLATION</b>														
BUDGET	4,149	4	0	0	0	0	0	0	0	0	0	0	0	4,154
EARNED	3,931	113	108	0	0	0	0	0	0	0	0	0	0	4,154
ACTUAL/ETC	4,465	104	75	85	-61	2	0	0	-0	0	0	0	0	4,672
<b>10.4100 10.4100 REGULATORY AFFAIRS</b>														
BUDGET	18,113	325	349	436	349	349	436	368	373	425	0	0	0	21,525
EARNED	18,006	375	349	470	349	349	436	375	374	438	0		0	21,525
ACTUAL/ETC	17,583	289	257	400	341	398	517	400	348	516	2		0	21,056

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WVES, LLC

West Valley Demonstration Project

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BASE

COST IN USD x1,000

Reporting Period 17: Jul '11

	PREVIOUS	OCT '10	NOV '10	DEC '10	JAN '11	FEB '11	MAR '11	APR '11	MAY '11	JUN '11	JUL '11	AUG '11	REMAIN	TOTAL
10.5100 10.5100 DOE INFRASTRUCTURE SUPPORT														
BUDGET	1,160	26	25	32	25	25	32	25	25	30	0	0	0	1,409
EARNED	1,160	26	25	32	25	25	32	25	25	30	0		0	1,409
ACTUAL/ETC	1,281	26	26	23	22	26	23	19	22	25	2		0	1,500
10.5200 10.5200 EEOICPA SUPPORT														
BUDGET	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EARNED	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ACTUAL/ETC	56	-4	0	0	-0	0	1	0	0	0	-0		0	55
10.5500 10.5500 HLW CANISTERS														
BUDGET	671	0	0	0	0	0	0	0	0	0	0	0	0	671
EARNED	671	0	0	0	0	0	0	0	0	0	0	0	0	671
ACTUAL/ETC	536	-4	0	0	10	0	0	0	-10	0	0		0	531
10.7100 10.7100 PENSION														
BUDGET	13,462	0	0	0	0	0	0	0	0	0	0	0	0	13,462
EARNED	13,462	0	0	0	0	0	0	0	0	0	0	0	0	13,462
ACTUAL/ETC	13,462	0	0	0	0	0	0	0	0	0	0	0	0	13,462
10.8000 10.8000 CONTINUITY OF SERVICES														
BUDGET	0	0	0	0	0	0	0	0	0	0	3,392	3,663	0	7,055
EARNED	0	0	0	0	0	0	0	0	0	0	3,392		3,663	7,055
ACTUAL/ETC	0	0	0	0	0	0	0	0	0	33	2,057		2,108	4,199
10.8004														
BUDGET	0	0	0	0	0	0	0	0	0	0	26	28	0	54
EARNED	0	0	0	0	0	0	0	0	0	0	26		28	54
ACTUAL/ETC	0	0	0	0	0	0	0	0	0	0	10		10	21
10.8005														
BUDGET	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EARNED	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ACTUAL/ETC	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10.8007 COS - HLW RECORDS														
BUDGET	0	0	0	0	0	0	0	0	0	0	44	66	0	110
EARNED	0	0	0	0	0	0	0	0	0	0	44		66	110
ACTUAL/ETC	0	0	0	0	0	0	0	0	0	0	21		21	42
10.8008 NONLABOR CONTRACT TRANSITION														
BUDGET	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EARNED	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ACTUAL/ETC	0	0	0	0	0	0	0	0	0	0	4		4	9
FUNDING SOURCE: Nuclear Facility D & D - Operations														
BUDGET	83,490	1,287	1,459	1,815	1,376	1,365	4,091	1,639	1,553	1,832	3,462	3,758	0	107,133
EARNED	81,992	2,545	1,466	1,758	1,389	1,403	4,105	1,705	1,689	1,858	3,462		3,758	107,133
ACTUAL/ETC	87,510	1,069	1,062	1,626	1,285	1,787	1,992	1,570	999	1,845	2,453		2,145	105,349

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WVES, LLC

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BASE

COST IN USD x1,000

Reporting Period 17: Jul '11

	PREVIOUS	OCT '10	NOV '10	DEC '10	JAN '11	FEB '11	MAR '11	APR '11	MAY '11	JUN '11	<u>JUL '11</u>	AUG '11	REMAIN	TOTAL
<b>PROJECT: Base Contract</b>														
BUDGET	181,156	5,207	5,671	6,461	4,843	5,163	9,016	5,135	5,105	6,173	3,596	3,903	0	241,434
EARNED	177,848	7,455	5,899	6,189	4,545	3,852	9,772	5,852	5,465	5,806	3,841		4,905	241,434
ACTUAL/ETC	199,377	4,749	4,820	5,956	5,227	6,212	7,833	6,426	4,627	5,986	4,208		3,633	259,058
<b>REPORT TOTALS</b>														
BUDGET	181,156	5,207	5,671	6,461	4,843	5,163	9,016	5,135	5,105	6,173	3,596	3,903	0	241,434
EARNED	177,848	7,455	5,899	6,189	4,545	3,852	9,772	5,852	5,465	5,806	3,841		4,905	241,434
ACTUAL/ETC	199,377	4,749	4,820	5,956	5,227	6,212	7,833	6,426	4,627	5,986	4,208		3,633	259,058

5.1 ARRA Total Project Earned Value Report

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ARRA

COST IN USD x1,000

Reporting Period 17: Jul '11

	PREVIOUS	OCT '10	NOV '10	DEC '10	JAN '11	FEB '11	MAR '11	APR '11	MAY '11	JUN '11	JUL '11	AUG '11	REMAIN	TOTAL
PROJECT: ARRA														
FUNDING SOURCE: ARRA - Solid Waste Stabilization and Disposition - Operations														
11.2100	11.2100 ARRA LEGACY WASTE PROCESS AND REPACKAGING													
BUDGET	7,425	87	-87	0	0	0	0	0	0	1,497	0	0	0	8,923
EARNED	7,425	0	0	0	0	0	0	0	0	1,497	0	0	0	8,923
ACTUAL/ETC	5,754	-11	9	99	-102	-0	0	0	0	1,243	380		0	7,373
11.2300	11.2300 ARRA NEWLY GENERATED RAD WASTE													
BUDGET	0	0	0	0	0	0	0	0	843	1,045	0	0	0	1,888
EARNED	0	0	0	0	0	0	0	0	843	1,045	0	0	0	1,888
ACTUAL/ETC	0	0	0	0	0	11	0	0	108	555	-9		0	665
11.8006	COS - ARRA WASTE SHIPPING													
BUDGET	0	0	0	0	0	0	0	0	0	0	173	805	0	979
EARNED	0	0	0	0	0	0	0	0	0	0	173		805	979
ACTUAL/ETC	0	0	0	0	0	0	0	0	0	0	180		685	866
FUNDING SOURCE: ARRA - Solid Waste Stabilization and Disposition - Operations														
BUDGET	7,425	87	-87	0	0	0	0	0	843	2,542	173	805	0	11,790
EARNED	7,425	0	0	0	0	0	0	0	843	2,542	173		805	11,790
ACTUAL/ETC	5,754	-11	9	99	-102	10	0	0	108	1,799	551		685	8,905
FUNDING SOURCE: ARRA - Nuclear Facility D & D - MPPB (Capital Asset Project)														
11.2300	11.2300 ARRA NEWLY GENERATED RAD WASTE													
BUDGET	165	0	0	0	0	0	0	0	0	0	0	0	0	165
EARNED	165	0	0	0	0	0	0	0	0	0	0	0	0	165
ACTUAL/ETC	221	6	-3	10	-23	13	0	0	0	0	0		0	225
11.3100	11.3100 ARRA MAIN PLANT PROCESS BUILDING													
BUDGET	19,786	1,258	1,086	1,150	965	1,269	1,464	989	940	808	0	0	0	29,718
EARNED	17,388	630	575	2,428	797	1,422	1,106	931	1,355	2,253	236		593	29,718
ACTUAL/ETC	17,693	646	745	808	972	1,031	1,275	1,164	886	2,112	115		708	28,160
FUNDING SOURCE: ARRA - Nuclear Facility D & D - MPPB (Capital Asset Project)														
BUDGET	19,951	1,258	1,086	1,150	965	1,269	1,464	989	940	808	0	0	0	29,883
EARNED	17,553	630	575	2,428	797	1,422	1,106	931	1,355	2,253	236		593	29,883
ACTUAL/ETC	17,914	652	742	818	948	1,045	1,275	1,164	887	2,112	115		708	28,385
FUNDING SOURCE: ARRA - Nuclear Facility D & D - Operations														
11.1000	11.1000 ARRA PROJECT SUPPORT													
BUDGET	2,931	70	68	85	68	68	85	68	68	80	0	0	0	3,592
EARNED	2,931	70	68	85	68	68	85	68	68	80	0		0	3,592
ACTUAL/ETC	2,993	16	39	67	44	78	112	62	27	69	4		0	3,516

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ARRA

COST IN USD x1,000

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	PREVIOUS	OCT '10	NOV '10	DEC '10	JAN '11	FEB '11	MAR '11	APR '11	MAY '11	JUN '11	<u>JUL '11</u>	AUG '11	REMAIN	TOTAL
11.2300 11.2300 ARRA NEWLY GENERATED RAD WASTE														
BUDGET	494	35	34	43	34	34	43	34	34	142	0	0	0	931
EARNED	494	35	34	43	34	34	43	34	34	142	0	0	0	931
ACTUAL/ETC	296	8	5	9	13	8	18	19	6	81	42		0	510
11.3110 11.3110 ARRA MPPB LIQUID WASTE														
BUDGET	1,570	0	0	0	0	0	0	0	0	0	0	0	0	1,570
EARNED	1,570	0	0	0	0	0	0	0	0	0	0	0	0	1,570
ACTUAL/ETC	1,505	-6	0	0	-2	0	0	0	0	0	0		0	1,495
11.3300 11.3300 ARRA ACCELERATION OF D3 FACILITY														
BUDGET	85	0	0	0	0	0	0	0	0	0	0	0	0	85
EARNED	85	0	0	0	0	0	0	0	0	0	0	0	0	85
ACTUAL/ETC	73	-0	0	0	-0	0	0	0	0	0	0		0	73
11.3400 11.3400 ARRA TANK AND VAULT DRYING														
BUDGET	5,161	686	504	587	155	75	48	0	0	0	0	0	0	7,220
EARNED	5,617	424	417	564	58	17	8	0	102	8	0	0	0	7,220
ACTUAL/ETC	6,405	593	401	756	157	118	79	23	-26	40	8		0	8,559
11.4300 11.4300 ARRA NORTH PLATEAU GROUNDWATER														
BUDGET	4,579	1,269	232	224	81	58	102	23	25	183	0	0	0	6,780
EARNED	2,644	1,000	2,157	522	41	102	108	78	53	70	0	0	0	6,780
ACTUAL/ETC	3,084	1,337	1,823	923	-3	506	-453	24	50	18	-2		0	7,309
11.5500 11.5500 HLW CANISTERS														
BUDGET	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EARNED	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ACTUAL/ETC	-2	0	0	0	0	0	0	0	0	0	0		0	-2
11.6300 11.6300 ARRA 01-14 FACILITY REMOVAL														
BUDGET	240	0	0	0	0	0	0	0	0	0	0	0	0	240
EARNED	240	0	0	0	0	0	0	0	0	0	0	0	0	240
ACTUAL/ETC	364	-0	0	24	22	-45	0	0	0	0	0		0	365
11.6620 11.6620 ARRA BOSF FOUNDATION REMOVAL														
BUDGET	33	0	0	0	0	0	0	0	0	0	0	0	0	33
EARNED	33	0	0	0	0	0	0	0	0	0	0	0	0	33
ACTUAL/ETC	34	0	0	0	0	0	0	0	0	0	0		0	35
11.6800 11.6800 ARRA ISOLATE LAGOONS														
BUDGET	1	0	0	0	0	0	0	0	0	0	0	0	0	1
EARNED	1	0	0	0	0	0	0	0	0	0	0	0	0	1
ACTUAL/ETC	1	0	0	0	0	0	0	0	0	0	0		0	1
FUNDING SOURCE: ARRA - Nuclear Facility D & D - Operations														
BUDGET	15,099	2,062	838	940	339	236	279	125	128	406	0	0	0	20,456
EARNED	13,620	1,530	2,677	1,214	202	222	245	180	258	302	0	0	0	20,456
ACTUAL/ETC	14,758	1,950	2,270	1,780	232	665	-242	129	57	210	52		0	21,865

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ARRA

COST IN USD x1,000

Reporting Period 17: Jul '11

	PREVIOUS	OCT '10	NOV '10	DEC '10	JAN '11	FEB '11	MAR '11	APR '11	MAY '11	JUN '11	<u>JUL '11</u>	AUG '11	REMAIN	TOTAL
<b>PROJECT: ARRA</b>														
BUDGET	42,476	3,408	1,836	2,090	1,304	1,505	1,743	1,115	1,911	3,758	173	805	0	62,131
EARNED	38,600	2,161	3,252	3,643	999	1,645	1,352	1,112	2,456	5,098	410		1,398	62,131
ACTUAL/ETC	38,427	2,591	3,022	2,698	1,079	1,721	1,033	1,293	1,053	4,122	718		1,393	59,156
<b>REPORT TOTALS</b>														
BUDGET	42,476	3,408	1,836	2,090	1,304	1,505	1,743	1,115	1,911	3,758	173	805	0	62,131
EARNED	38,600	2,161	3,252	3,643	999	1,645	1,352	1,112	2,456	5,098	410		1,398	62,131
ACTUAL/ETC	38,427	2,591	3,022	2,698	1,079	1,721	1,033	1,293	1,053	4,122	718		1,393	59,156

5.2 Base Cost Performance Reports: Formats 1 – 5

COST PERFORMANCE REPORT - FORMAT 1											PAGE 1			
BASE											COST IN USD x1,000			
<b>1. CONTRACTOR</b>			<b>2. CONTRACT</b>				<b>3. PROGRAM</b>				<b>4. REPORT PERIOD</b>			
a. NAME WVES, LLC			a. NAME West Valley Demonstration				a. NAME				a. FROM (YYYY/MM/DD) 2011/07/01			
b. LOCATION (Address and ZIP Code) 10282 Rock Springs Road West Valley, NY 14171			b. NUMBER DE-AC30-07CC30000		d. SHARE RATIO		b. PHASE (X one) <input type="checkbox"/> RDT&E <input type="checkbox"/> PRODUCTION				b. TO (YYYY/MM/DD) 2011/07/29			
<b>5. CONTRACT DATA</b>														
a. QUANTITY 0	b. NEGOTIATED COST 256,225	c. EST. COST OF AUTH. UNPRICED WORK 0	d. FEE % / TARGET PROFIT 12,744	e. TARGET PRICE 268,970	f. ESTIMATED PRICE 0	g. CONTRACT CEILING 0	h. ESTIMATED CONTRACT CEILING 0							
<b>6. ESTIMATED COST AT COMPLETION</b>						<b>7. AUTHORIZED CONTRACTOR REPRESENTATIVE</b>								
MANAGEMENT ESTIMATE AT COMPLETION (1)		CONTRACT BUDGET BASE (2)		VARIANCE (3)		a. NAME (Last, First, Middle Initial) Jeannine Bordini			b. TITLE Project Controls Manager					
a. BEST CASE	259,058					c. SIGNATURE <i>Jeannine Bordini</i>			d. DATE SIGNED (YYYY/MM/DD) 8/9/11					
b. WORST CASE	259,058													
c. MOST LIKELY	259,058	256,225												
<b>8. PERFORMANCE DATA</b>														
FUNDING SOURCE	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)			
13 Solid Waste Stabilization and Disposition - Operations		0	202	1,669	202	-1,467	64,438	63,709	77,841	-729	-14,132	64,438	78,478	-14,040
20 Safeguard and Security - West Valley		134	134	120	0	13	7,664	7,664	7,641	0	22	7,809	7,759	49
40.C1 Nuclear Facility D & D - MPPB (Capital Asset Project)		0	42	-35	42	78	62,052	61,779	66,737	-272	-4,958	62,052	67,470	-5,418
40.O1.1 Nuclear Facility D & D - Operations		3,462	3,462	2,453	0	1,009	103,375	103,375	103,204	0	171	107,133	105,349	1,784
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)		3,596	3,841	4,208	244	-366	237,530	236,529	255,425	-1,001	-18,896	241,434	259,058	-17,624
MANAGEMENT RESERVE												2,042		
TOTAL		3,596	3,841	4,208	244	-366	237,530	236,529	255,425	-1,001	-18,896	243,476		

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 WVES, LLC			a. NAME West Valley Demonstration				a. NAME				a. FROM (YYYY/MM/DD) 2011/07/01			
b. LOCATION (Address and ZIP Code) 10282 Rock Springs Road West Valley, NY 14171			b. NUMBER DE-AC30-07CC30000								b. TO (YYYY/MM/DD) 2011/07/29			
			c. TYPE CPAF		d. SHARE RATIO		b. PHASE (X one) <input type="checkbox"/> RDT&E <input type="checkbox"/> PRODUCTION							
5. PERFORMANCE DATA														
CAM	DESCRIPTION (1)	CURRENT PERIOD					CUMULATIVE TO DATE					AT COMPLETION		
		BUDGETED COST		ACTUAL COST WORK PERFORMED (4)	VARIANCE		BUDGETED COST		ACTUAL COST WORK PERFORMED (9)	VARIANCE		BUDGETED (12)	ESTIMATED (13)	VARIANCE (14)
		WORK SCHEDULED (2)	WORK PERFORMED (3)		SCHEDULED (5)	COST (6)	WORK SCHEDULED (7)	WORK PERFORMED (8)		SCHEDULED (10)	COST (11)			
DG	Dave Garber	0	202	1,550	202	-1,348	55,261	54,532	69,063	-729	-14,531	55,261	69,700	-14,439
DM	Dan Meess	0	0	0	0	0	4,154	4,154	4,672	0	-518	4,154	4,672	-518
JB	Jim Baker	3,392	3,392	2,363	0	1,028	51,315	51,315	50,969	0	345	54,979	53,078	1,900
JnB	John Bordini	0	42	270	42	-227	43,795	43,522	48,581	-272	-5,059	43,795	49,314	-5,519
KM	Kim Mansfield	0	0	2	0	-2	21,525	21,525	21,056	0	469	21,525	21,056	469
LC	Lettie Chilson	44	44	-279	0	323	18,366	18,366	18,274	0	92	18,433	18,300	132
LO	Laura Ortega	26	26	13	0	12	14,898	14,898	15,029	0	-130	14,927	15,040	-113
PL	Peggy Loop	0	0	167	0	-167	20,549	20,549	20,135	0	413	20,549	20,135	413
RL	Rick Love	134	134	120	0	13	7,664	7,664	7,641	0	22	7,809	7,759	49
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)		3,596	3,841	4,208	244	-366	237,530	236,528	255,425	-1,001	-18,896	241,434	259,058	-17,624
MANAGEMENT RESERVE												2,042		
TOTAL		3,596	3,841	4,208	244	-366	237,530	236,528	255,425	-1,001	-18,896	243,476		

COST PERFORMANCE REPORT - FORMAT 3 BASE													COST IN USD x1,000		PAGE 1		
<b>1. CONTRACTOR</b>			<b>2. CONTRACT</b>				<b>3. PROGRAM</b>				<b>4. REPORT PERIOD</b>						
a. NAME WVES, LLC (OPTION ONE)			a. NAME West Valley Demonstration				a. NAME				a. FROM (YYYY/MM/DD) 2011/07/01						
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) 2011/07/29	
<b>5. CONTRACT DATA</b>																	
a. ORIGINAL NEGOTIATED COST 148,954		b. NEGOTIATED CONTRACT CHANGES 107,270		c. CURRENT NEGOTIATED COST (a. + b.) 256,225		d. ESTIMATED COST OF AUTHORIZED UNPRICED WORK 0		e. CONTRACT BUDGET BASE (c. + d.) 256,225		f. TOTAL ALLOCATED BUDGET 241,434		g. DIFFERENCE (e. - f.) 14,791					
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) 2011/06/30			k. CONTRACT COMPLETION DATE (YYYY/MM/DD) 2011/06/30			l. ESTIMATED COMPLETION DATE (YYYY/MM/DD) 2011/06/30					
<b>6. PERFORMANCE DATA</b>																	
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							
				AUG '11 (4)	SEP '11 (5)	OCT '11 (6)	NOV '11 (7)	DEC '11 (8)	JAN '12 (9)	FEB '12 (10)	MAR '12 (11)	APR '12 (12)	MAY '12 (13)	JUN '12 (14)			
10	Base Contract	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2011-036 COS																7,499
	2011-038 Move scope and cost for RHWP fro																-860
	PERFORMANCE MEASUREMENT BASELINE	237,530		3,903	0	0	0	0	0	0	0	0	0	0	0	0	241,434
	MANAGEMENT RESERVE																
	TOTAL																2,042 243,476

CLASSIFICATION (When Filled In)

CONTRACT PERFORMANCE REPORT FORMAT 4 - STAFFING											FORM APPROVED OMB No. 0704-0188			
<b>1. CONTRACTOR</b>			<b>2. CONTRACT</b>				<b>3. PROGRAM</b>				<b>4. REPORT PERIOD</b>			
a. NAME West Valley Environmental Services, LLC			a. NAME West Valley Demonstration Project				a. NAME West Valley Demonstration Project				a. FROM (YYYYMMDD) 2011/07/01			
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) 2011/07/31			
			c. TYPE		d. SHARE RATIO		c. EVMS ACCEPTANCE YES (20090929)							
<b>5. PERFORMANCE DATA</b> (All figures in whole numbers)														
<b>Hours</b>														
ORGANIZATIONAL CATEGORY  (1)	ACTUAL CURRENT PERIOD  (2)	ACTUAL END OF CURRENT PERIOD (Cumulative)  (3)	SIX MONTH FORECAST BY MONTH (Enter Names of Months)						FORECAST (Non-Cumulative)					AT COMPLETION  (15)
									ENTER SPECIFIED PERIODS					
			Aug-11 (4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	
Base Contract														
Exempt - Hours	9,198	492,380	10,360											502,740
FTE's	74	75												
Non-Exempt - Hours	1,152	62,697	1,713											64,410
FTE's	9	10												
Hourly - Hours	20,563	903,677	15,359											919,036
FTE's	166	138												
<b>6. TOTAL DIRECT - Hours</b>	30,913	1,458,754	27,432	0	0	0	0	0	0	0	0	0	0	1,486,186
<b>6. TOTAL DIRECT - FTE'S</b>	249	222	0	0	0	0	0	0	0	0	0	0	0	

DD FORM 2734/4, MAR 05

LOCAL REPRODUCTION AUTHORIZED.

CLASSIFICATION (When Filled In)

## FORMAT 5

WVES, LLC

West Valley Demonstration Project

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BASE VARIANCE EXPLANATIONS

Reporting Period 17: Jul '11

CONTROL ACCOUNT	BUDGET	EARNED	ACTUAL	V A R I A N C E SCHEDULE	C O S T	VARIANCE PERCENT SCHEDULE	C O S T	I N D E X SCHEDULE	C O S T
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Variance Analysis

THRESHOLDS - JULY 2011: 20,000 AND 20%, TO DATE: 50,000 AND 10%, AT COMPLETION: 100,000 AND 10%

10.1110	10.1110 SITE OPERATIONS		COST IN USD
	JULY 2011	0	0
	TO DATE	47,923,062	48,878,777
	AT COMPLETION	47,923,062	48,878,777

CAUSE OF VARIANCE      Current Period Cost Variance (\$307K) is mainly due to WP001, Operations, where cost readjustments were applied per DOE approval.

10.2100	10.2100 LEGACY WASTE PROCESS AND REPACKAGING		COST IN USD
	JULY 2011	0	202,019
	TO DATE	42,381,957	56,361,207
	AT COMPLETION	42,381,957	56,998,426

CAUSE OF VARIANCE      CURRENT PERIOD COST VARIANCE (\$1.3M) is mainly due to cost readjustments (~\$900K) per DOE approval. In addition, issues with processing the dissolver at the RHWF required unexpected purchases.

CUMULATIVE COST VARIANCE (\$14.7M):

WP001, RHWF Waste Processing/Packaging (\$1.3M): CV is mainly due to processing inefficiencies and equipment failures. Processing inefficiencies caused by not having adequate downsizing equipment in the facility caused delays in processing while still incurring full costs. Crane and PaR breakdowns have slowed processing rates, causing delays while still incurring full costs. In addition, the Nitroclision Mobile Unit has undergone unplanned electrical and mechanical modifications, with costs applied to this work package.

WP002, Vitrification Facility Waste Processing/Packaging (\$10M): The cumulative CV is due to equipment failure. Both the low production rate (full crews working longer than planned) and the added cost of repair labor and non-labor combine to create this cumulative cost variance. In addition are the costs of the technology to increase processing rates and the engineering to support the evaluation and deployment of this technology.

WP003, LLW/MLLW Waste Repackaging (\$3.4M): The cumulative CV is due to multiple issues. Lost production time with fully incurred costs as a result of the following:

1. Operational shut downs for facility upgrades in the CSRF including a ventilation overhaul, added gantry crane, door upgrades/addition, installation of plasma, reconfiguration of airlock walls/frisker space, smoke eater plenums, and tooling; CSPF upgrades including the installation of glove box for drum waste handling, revamped ventilation, upgraded AV capabilities to comply with new requirements; and WPA upgrades including the ventilation upgrade and the addition of a gantry crane.

## FORMAT 5

WVES, LLC

West Valley Demonstration Project

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BASE VARIANCE EXPLANATIONS

Reporting Period 17: Jul '11

CONTROL ACCOUNT	BUDGET	EARNED	ACTUAL	V A R I A N C E SCHEDULE	C O S T	VARIANCE PERCENT SCHEDULE	C O S T	I N D E X SCHEDULE	C O S T
-----------------	--------	--------	--------	-----------------------------	---------	------------------------------	---------	-----------------------	---------

### Variance Analysis

THRESHOLDS - JULY 2011: 20,000 AND 20%, TO DATE: 50,000 AND 10%, AT COMPLETION: 100,000 AND 10%

- 2. ACM spills during processing
- 3. TSR investigation
- 4. Breathing air modifications
- 5. Operator training for new equipment

CORRECTIVE ACTION TAKEN      With the reassignment of operations crews to other projects outside of waste processing, the cost variance may improve.

10.2200    10.2200 LEGACY WASTE DISPOSITION COST IN USD

JULY 2011	0	0	167,799	0	-167,799	0.0	0.0	0.00	0.00
TO DATE	19,894,857	19,894,857	19,631,652	0	263,204	0.0	1.3	1.00	1.01
AT COMPLETION	19,894,857	19,894,857	19,631,652	0	263,204	0.0	1.3	1.00	1.01

CAUSE OF VARIANCE      CURRENT PERIOD COST VARIANCE (\$167K)

The current period cost variance is attributed to the following: in cost readjustments (\$110K) per DOE approval and underaccruals in past months for waste transportation, concrete shield boxes, and inspection services.

IMPACT ON COST AND SCHEDULE    none

10.2300    10.2300 NEWLY GENERATED RAD WASTE DISPOSITION COST IN USD

JULY 2011	0	0	0	0	0	0.0	0.0	0.00	0.00
TO DATE	654,313	654,313	503,882	0	150,431 *	0.0	22.9 *	1.00	1.29
AT COMPLETION	654,313	654,313	503,882	0	150,431 *	0.0	22.9 *	1.00	1.29

CAUSE OF VARIANCE      CUMULATIVE COST VARIANCE - \$150K

Cumulative Cost Variance of \$150K is associated with MPPB and BOSF shipments achieved to date. This scope was planned in late FY10 and FY11. Due to funding availability in FY09, shipping was performed ahead of schedule. Cost is under-budget because MPPB and BOSF shipments shared transportation and disposal cost with Legacy Waste on the same truck on a percentage of cubic feet basis.

This is a closed control account; no more activity is expected.

## FORMAT 5

WVES, LLC

West Valley Demonstration Project

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BASE VARIANCE EXPLANATIONS

Reporting Period 17: Jul '11

CONTROL ACCOUNT	BUDGET	EARNED	ACTUAL	V A R I A N C E SCHEDULE	C O S T	V A R I A N C E SCHEDULE	P E R C E N T C O S T	I N D E X SCHEDULE	C O S T
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### Variance Analysis

THRESHOLDS - JULY 2011: 20,000 AND 20%, TO DATE: 50,000 AND 10%, AT COMPLETION: 100,000 AND 10%

CORRECTIVE ACTION TAKEN

10.2400	10.2400 DRUM CELL DISPOSITION	COST IN USD
	JULY 2011	0      0      0      0      0      0.0      0.0      0.00      0.00
	TO DATE	2,161,843      2,161,843      1,848,764      0      313,079 *      0.0      14.4 *      1.00      1.16
	AT COMPLETION	2,161,843      2,161,843      1,848,764      0      313,079 *      0.0      14.4 *      1.00      1.16

CAUSE OF VARIANCE

CUMULATIVE POSITIVE COST VARIANCE - \$313K

The Cumulative Positive Cost Variance is attributed to the following:

- 1) Truck transportation was \$80K lower than budgeted due to fuel surcharges and demurrage being less than historical averages budgeted.
- 2) Gondola rental was \$411K less than budgeted due to efficient release of gondolas from the transload site, but was offset by (\$25K) for demobilization for trucks.
- 3) Transload site operations was budgeted for 8 weeks, but completed 6 weeks earlier than budgeted resulting in a \$97K cost variance.
- 4) The rail transportation actuals were \$5K less than budgeted due to lower than anticipated fuel surcharges.
- 5) Direct labor and subcontract support was \$95K lower than budgeted due to using in-house QA techs as required rather than full time subcontract support and through loading efficiencies direct labor was reduced.

CORRECTIVE ACTION TAKEN

None. Work scope complete.

10.3100	10.3100 MAIN PLANT PROCESS BUILDING	COST IN USD
	JULY 2011	0      42,888      -35,250      42,888      78,136 *      0.0      182.1 *      0.00      -1.21
	TO DATE	61,446,603      61,173,961      66,299,116      -272,742      -5,125,254      -0.4      -8.3      0.99      0.92
	AT COMPLETION	61,446,603      61,446,603      67,032,149      0      -5,585,545      0.0      -9.0      1.00      0.91

CAUSE OF VARIANCE

CURRENT PERIOD COST VARIANCE - \$78K

The current period positive cost variance of \$78,136 is due to cost readjustments per DOE approval.

CORRECTIVE ACTION TAKEN

None required. Cost readjustments were made per DOE approval.

IMPACT ON COST AND SCHEDULE

None.

## FORMAT 5

WVES, LLC

West Valley Demonstration Project

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BASE VARIANCE EXPLANATIONS

Reporting Period 17: Jul '11

CONTROL ACCOUNT	BUDGET	EARNED	ACTUAL	V A R I A N C E SCHEDULE	C O S T	V A R I A N C E SCHEDULE	P E R C E N T C O S T	I N D E X SCHEDULE	C O S T
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Variance Analysis

THRESHOLDS - JULY 2011: 20,000 AND 20%, TO DATE: 50,000 AND 10%, AT COMPLETION: 100,000 AND 10%

EXPLANATION

10.3300	10.3300 RHWf AND VITRIFICATION FACILITY DECON	COST IN USD
	JULY 2011	0            0            48,222            0            -48,222            0.0            0.0            0.00            0.00
	TO DATE	264,225            264,225            250,322            0            13,902            0.0            5.2            1.00            1.05
	AT COMPLETION	264,225            264,225            250,322            0            13,902            0.0            5.2            1.00            1.05
	CAUSE OF VARIANCE	CURRENT PERIOD COST VARIANCE of (\$48K) is due to lagging invoices for purchases received in May and June, with low accruals during those months.
	CORRECTIVE ACTION TAKEN	none. This work scope is complete.

10.3400	10.3400 WASTE TANK FARM ISOLATION	COST IN USD
	JULY 2011	0            0            0            0            0            0.0            0.0            0.00            0.00
	TO DATE	4,154,074            4,154,074            4,672,551            0            -518,476 *            0.0            -12.4 *            1.00            0.88
	AT COMPLETION	4,154,074            4,154,074            4,672,551            0            -518,476 *            0.0            -12.4 *            1.00            0.88
	CAUSE OF VARIANCE	<p>CUMULATIVE COST VARIANCE - (\$518K):</p> <p>WP002 Characterize HLW Tanks: \$322K Positive variance due to cost sharing with WP004 in support of accelerated Tank 8D-4 sampling system to establish liquid content for process system design.</p> <p>WP004 Liquid Removal from Tanks 8D-3, 8D-4 and STS Vessels: (\$679K) Negative variance is primarily due to needing a much more extensive weather shelter/working area than planned, permanent electrical isolations for improved safety instead of temporary ones, the design and testing of equipment to size-reduce the pump as it is removed versus packaging it in one long box, preparations and removal of all jumpers and pods from the 8Q-4 pit instead of only the pump as planned and the decontamination of the pump pit floor. These changes have improved worker access in the pit, will continue to minimize personnel dose and eliminate the need to perform another future pit entry to remove equipment from the pit.</p> <p>WP005 Mitigate Groundwater Infiltration Into Underground Vaults: (\$151K) Negative variance is due to dealing with organic contaminated groundwater and high radiation around the pit that necessitated a change in strategy, as well as the use of a higher cost sealing alternative (chemical grout) than planned.</p>
	CORRECTIVE ACTION TAKEN	<p>COST:</p> <p>WP002 (Characterize HLW Tanks): This work scope has been completed.</p>

## FORMAT 5

WVES, LLC

West Valley Demonstration Project

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BASE VARIANCE EXPLANATIONS

Reporting Period 17: Jul '11

CONTROL ACCOUNT	BUDGET	EARNED	ACTUAL	V A R I A N C E SCHEDULE	C O S T	V A R I A N C E SCHEDULE	P E R C E N T C O S T	I N D E X SCHEDULE	E X C O S T
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### Variance Analysis

THRESHOLDS - JULY 2011: 20,000 AND 20%, TO DATE: 50,000 AND 10%, AT COMPLETION: 100,000 AND 10%

WP004 (Liquid Removal from Tanks 8D-3, 8D-4 and STS Vessels): This work scope has been completed.

WP005 (Mitigate Groundwater Infiltration Into Underground Vaults): This work scope has been completed.

EXPLANATION

The current cost variance at completion is (\$518K) or 12% of the budget at completion. The cumulative cost variance for the period following the end of March 2010 is positive \$14K.

10.5500 10.5500 HLW CANISTERS

COST IN USD

JULY 2011	0	0	0	0	0	0.0	0.0	0.00	0.00
TO DATE	671,093	671,093	531,169	0	139,923 *	0.0	20.8 *	1.00	1.26
AT COMPLETION	671,093	671,093	531,169	0	139,923 *	0.0	20.8 *	1.00	1.26

CORRECTIVE ACTION TAKEN None.

IMPACT ON COST AND SCHEDULE No impact.

EXPLANATION

A proposal was provided to DOE on January 7, 2010 to definitize the authorized unpriced HLW Canister scope. The costs reflect the total cost to provide work performed to date and work was placed on hold, no further work will be done in this contract period.

10.8000 10.8000 CONTINUITY OF SERVICES

COST IN USD

JULY 2011	3,392,283	3,392,283	2,057,417	0	1,334,866 *	0.0	39.3 *	1.00	1.64
TO DATE	3,392,282	3,392,282	2,090,980	0	1,301,301 *	0.0	38.3 *	1.00	1.62
AT COMPLETION	7,055,947	7,055,947	4,199,629	0	2,856,318 *	0.0	40.4 *	1.00	1.68

CAUSE OF VARIANCE

**COST VARIANCE:**  
Current and Cumulative Cost Variance of \$1.3M is mainly due to WP001, COS - Site Infrastructure, where almost half of the budgeted labor (~ \$1 M) is working and charging specific projects.

CORRECTIVE ACTION TAKEN

This variance is expected to continue in August as personnel support project work.

## FORMAT 5

WVES, LLC

West Valley Demonstration Project

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BASE VARIANCE EXPLANATIONS

Reporting Period 17: Jul '11

CONTROL ACCOUNT	BUDGET	EARNED	ACTUAL	V A R I A N C E		VARIANCE PERCENT		I N D E X	
				SCHEDULE	COST	SCHEDULE	COST	SCHEDULE	COST

Variance Analysis

THRESHOLDS - JULY 2011: 20,000 AND 20%, TO DATE: 50,000 AND 10%, AT COMPLETION: 100,000 AND 10%

10.8007	COS - HLW RECORDS									COST IN USD
	JULY 2011	44,348	44,348	21,028	0	23,320 *	0.0	52.5 *	1.00	2.10
	TO DATE	44,348	44,348	21,028	0	23,319	0.0	52.5	1.00	2.10
	AT COMPLETION	110,806	110,806	42,058	0	68,748	0.0	62.0	1.00	2.63

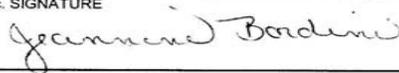
CAUSE OF VARIANCE      Current Period Cost Variance of \$23K was realized due to limited DOE comments on the correction methodology, not requiring the planned technical services.

CORRECTIVE ACTION TAKEN      Positive Cost Variance will most likely continue in August.

IMPACT ON COST AND SCHEDULE      This control account should be underspent at the end of the contract.

5.3

ARRA Cost Performance Reports: Formats 1 - 5

COST PERFORMANCE REPORT - FORMAT 1												PAGE 1			
ARRA												COST IN USD x1,000			
<b>1. CONTRACTOR</b>				<b>2. CONTRACT</b>				<b>3. PROGRAM</b>				<b>4. REPORT PERIOD</b>			
a. NAME WVES, LLC				a. NAME West Valley Demonstration				a. NAME				a. FROM (YYYY/MM/DD) 2011/07/01			
b. LOCATION (Address and ZIP Code) 10282 Rock Spring Road West Valley, NY 14171				b. NUMBER DE-AC30-07CC30000								b. TO (YYYY/MM/DD) 2011/07/29			
				c. TYPE		d. SHARE RATIO		b. PHASE (X one) <input type="checkbox"/> RDT&E <input type="checkbox"/> PRODUCTION							
<b>5. CONTRACT DATA</b>															
a. QUANTITY 0		b. NEGOTIATED COST 59,783		c. EST. COST OF AUTH. UNPRICED WORK 0		d. FEE % / TARGET PROFIT 3,091		e. TARGET PRICE 62,875		f. ESTIMATED PRICE 0		g. CONTRACT CEILING 0		h. ESTIMATED CONTRACT CEILING 0	
<b>6. ESTIMATED COST AT COMPLETION</b>							<b>7. AUTHORIZED CONTRACTOR REPRESENTATIVE</b>								
		MANAGEMENT ESTIMATE AT COMPLETION (1)		CONTRACT BUDGET BASE (2)		VARIANCE (3)		a. NAME (Last, First, Middle Initial) Jeannine Bordini				b. TITLE Project Controls Manager			
a. BEST CASE		59,156						c. SIGNATURE 				d. DATE SIGNED (YYYY/MM/DD) 8/9/11			
b. WORST CASE		59,156													
c. MOST LIKELY		59,156		59,783		626									
<b>8. PERFORMANCE DATA</b>															
CONTROL ACCOUNT	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)				
11.1000	11.1000 ARRA PROJECT SUPPORT	0	0	4	0	-4	3,592	3,592	3,516	0	76	3,592	3,516	76	
11.2100	11.2100 ARRA LEGACY WASTE PROCESS AND...	0	0	380	0	-380	8,923	8,923	7,373	0	1,549	8,923	7,373	1,549	
11.2300	11.2300 ARRA NEWLY GENERATED RAD WASTE	0	0	32	0	-32	2,984	2,984	1,401	0	1,582	2,984	1,401	1,582	
11.3100	11.3100 ARRA MAIN PLANT PROCESS BUILDING	0	236	115	236	121	29,718	29,125	27,452	-593	1,673	29,718	28,160	1,558	
11.3110	11.3110 ARRA MPPB LIQUID WASTE	0	0	0	0	0	1,570	1,570	1,495	0	75	1,570	1,495	75	
11.3300	11.3300 ARRA ACCELERATION OF D3 FACILITY	0	0	0	0	0	85	85	73	0	11	85	73	11	
11.3400	11.3400 ARRA TANK AND VAULT DRYING	0	0	8	0	-8	7,220	7,220	8,559	0	-1,339	7,220	8,559	-1,339	
11.4300	11.4300 ARRA NORTH PLATEAU GROUNDWATER	0	0	-2	0	2	6,780	6,780	7,309	0	-528	6,780	7,309	-528	
11.5500	11.5500 HLW CANISTERS	0	0	0	0	0	0	0	-2	0	2	0	-2	2	
11.6300	11.6300 ARRA 01-14 FACILITY REMOVAL	0	0	0	0	0	240	240	365	0	-124	240	365	-124	
11.6620	11.6620 ARRA BOSF FOUNDATION REMOVAL	0	0	0	0	0	33	33	35	0	-1	33	35	-1	
11.6800	11.6800 ARRA ISOLATE LAGOONS	0	0	0	0	0	1	1	1	0	0	1	1	0	
11.8006	COS - ARRA WASTE SHIPPING	173	173	180	0	-6	173	173	181	0	-7	979	866	112	
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)		173	410	718	236	-308	61,325	60,732	57,762	-593	2,969	62,131	59,156	2,974	
MANAGEMENT RESERVE													279		
TOTAL		173	410	718	236	-308	61,325	60,732	57,762	-593	2,969	62,411			

COST PERFORMANCE REPORT - FORMAT 2												PAGE 1		
ARRA												COST IN USD x1,000		
<b>1. CONTRACTOR</b>			<b>2. CONTRACT</b>				<b>3. PROGRAM</b>				<b>4. REPORT PERIOD</b>			
a. NAME WVES, LLC (OPTION ONE)			a. NAME West Valley Demonstration				a. NAME				a. FROM (YYYY/MM/DD) 2011/07/01			
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) 2011/07/29			
c. TYPE			d. SHARE RATIO											
<b>5. PERFORMANCE DATA</b>														
CAM	DESCRIPTION (1)	CURRENT PERIOD					CUMULATIVE TO DATE					AT COMPLETION		
		BUDGETED COST		ACTUAL COST WORK PERFORMED (4)	VARIANCE		BUDGETED COST		ACTUAL COST WORK PERFORMED (9)	VARIANCE		BUDGETED (12)	ESTIMATED (13)	VARIANCE (14)
		WORK SCHEDULED (2)	WORK PERFORMED (3)		SCHEDULED (5)	COST (6)	WORK SCHEDULED (7)	WORK PERFORMED (8)		SCHEDULED (10)	COST (11)			
DG Dave Garber	0	0	380	0	-380	9,042	9,042	7,482	0	1,559	9,042	7,482	1,559	
DM Dan Meess	0	0	8	0	-8	7,220	7,220	8,559	0	-1,339	7,220	8,559	-1,339	
JB Jim Baker	0	0	4	0	-4	3,594	3,594	3,518	0	76	3,594	3,518	76	
JnB John Bordini	0	0	0	0	0	240	240	365	0	-124	240	365	-124	
LC Lettie Chilson	0	236	115	236	121	31,289	30,695	28,945	-593	1,750	31,289	29,653	1,635	
LM Linda Michalczak	0	0	-2	0	2	6,780	6,780	7,309	0	-528	6,780	7,309	-528	
PL Peggy Loop	173	173	213	0	-39	3,158	3,158	1,582	0	1,575	3,963	2,267	1,695	
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)	173	410	718	236	-308	61,325	60,732	57,762	-593	2,969	62,131	59,156	2,974	
MANAGEMENT RESERVE											279			
TOTAL	173	410	718	236	-308	61,325	60,732	57,762	-593	2,969	62,411			

COST PERFORMANCE REPORT - FORMAT 3													PAGE 1				
ARRA													COST IN USD x1,000				
<b>1. CONTRACTOR</b>			<b>2. CONTRACT</b>				<b>3. PROGRAM</b>				<b>4. REPORT PERIOD</b>						
a. NAME WVES, LLC			a. NAME West Valley Demonstration				a. NAME				a. FROM (YYYY/MM/DD) 2011/07/01						
b. LOCATION (Address and ZIP Code) 10282 Rock Springs Road West Valley, NY 14171			b. NUMBER DE-AC30-07CC30000		d. SHARE RATIO						b. PHASE (X one) <input type="checkbox"/> RDT&E <input type="checkbox"/> PRODUCTION		b. TO (YYYY/MM/DD) 2011/07/29				
<b>5. CONTRACT DATA</b>																	
a. ORIGINAL NEGOTIATED COST 70,208		b. NEGOTIATED CONTRACT CHANGES -10,425		c. CURRENT NEGOTIATED COST (a. + b.) 59,783		d. ESTIMATED COST OF AUTHORIZED UNPRICED WORK 0		e. CONTRACT BUDGET BASE (c. + d.) 59,783		f. TOTAL ALLOCATED BUDGET 62,131		g. DIFFERENCE (e. - f.) -2,348					
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					
<b>6. PERFORMANCE DATA</b>																	
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							
				AUG '11 (4)	SEP '11 (5)	OCT '11 (6)	NOV '11 (7)	DEC '11 (8)	JAN '12 (9)	FEB '12 (10)	MAR '12 (11)	APR '12 (12)	MAY '12 (13)	JUN '12 (14)			
11 ARRA		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2011-036	COS																979
2011-037	Transfer Scope from Extraction Cell t																0
2011-038	Move scope and cost for RHWP fro																860
PERFORMANCE MEASUREMENT BASELINE		61,325		805	0	0	0	0	0	0	0	0	0	0	0	0	62,131
MANAGEMENT RESERVE																	279
<b>TOTAL</b>																	<b>62,411</b>

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) 2011/07/01				
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) 2011/07/31						
			c. TYPE		d. SHARE RATIO		c. EVMS ACCEPTANCE YES (20080829)							
5. PERFORMANCE DATA (All figures in whole numbers)														
Hours														
ORGANIZATIONAL CATEGORY (1)	ACTUAL CURRENT PERIOD (2)	ACTUAL END OF CURRENT PERIOD (Cumulative) (3)	FORECAST (Non-Cumulative)						ENTER SPECIFIED PERIODS				AT COMPLETION (15)	
			SIX MONTH FORECAST BY MONTH (Enter Names of Months)						(10)	(11)	(12)	(13)		(14)
			+1 Aug-11 (4)	+2 (5)	+3 (6)	+4 (7)	+5 (8)	+6 (9)						
ARRA														
Exempt - Hours FTE's	1,604 13	101,832 28	736											102,568
Non-Exempt - Hours FTE's	330 3	8,228 2	65											8,293
Hourly - Hours FTE's	3,089 25	189,500 52	1,224											190,724
6. TOTAL DIRECT - Hours	5,023	299,560	2,025	0	0	0	0	0	0	0	0	0	0	301,585
6. TOTAL DIRECT - FTE'S	41	82	0	0	0	0	0	0	0	0	0	0	0	

DD FORM 2734/4, MAR 05

LOCAL REPRODUCTION AUTHORIZED.

CLASSIFICATION (When Filled In)

## FORMAT 5

WVES, LLC

West Valley Demonstration Project

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ARRA VARIANCE EXPLANATIONS

Reporting Period 17: Jul '11

CONTROL ACCOUNT	BUDGET	EARNED	ACTUAL	V A R I A N C E		VARIANCE PERCENT		I N D E X	
				SCHEDULE	COST	SCHEDULE	COST	SCHEDULE	COST

Variance Analysis

THRESHOLDS - JULY 2011: 20,000 AND 20%, TO DATE: 50,000 AND 10%, AT COMPLETION: 100,000 AND 10%

11.2100	11.2100 ARRA LEGACY WASTE PROCESS AND REPACKAGING			COST IN USD						
	JULY 2011	0	0	380,323	0	-380,323	0.0	0.0	0.00	0.00
	TO DATE	8,923,552	8,923,552	7,373,781	0	1,549,770 *	0.0	17.3 *	1.00	1.21
	AT COMPLETION	8,923,552	8,923,552	7,373,781	0	1,549,770 *	0.0	17.3 *	1.00	1.21
	CAUSE OF VARIANCE	CURRENT PERIOD COST VARIANCE (\$380K) is due to cost readjustments per DOE approval.								
		CUMULATIVE COST VARIANCE - \$1.55M:								
		The majority of the cumulative cost variance is due to being underspent on consumables including suit-up materials, filters, etc. for the earlier processing of legacy waste.								
		This work scope is complete.								
	CORRECTIVE ACTION TAKEN	None. The work scope is complete.								
11.2300	11.2300 ARRA NEWLY GENERATED RAD WASTE			COST IN USD						
	JULY 2011	0	0	32,293	0	-32,293	0.0	0.0	0.00	0.00
	TO DATE	2,984,123	2,984,123	1,401,251	0	1,582,872 *	0.0	53.0 *	1.00	2.12
	AT COMPLETION	2,984,123	2,984,123	1,401,251	0	1,582,872 *	0.0	53.0 *	1.00	2.12
	CAUSE OF VARIANCE	CUMULATIVE COST VARIANCE \$1.6M:								
		The main contributor to the cumulative positive cost variance is WP009, ARRA Additional Waste Shipping. This work package to ship waste is \$675K underspent in labor and nonlabor. Of the 45 trucks planned to be shipped during the two-month project, only 23 were shipped, leaving 22 not completed. Performance was taken as Level of Effort (LOE) as agreed upon, although costs were incurred for only 23. In addition, WP008, Project Support, is underspent in labor as resources continue to support other project activities.								
	CORRECTIVE ACTION TAKEN	none								

## FORMAT 5

WVES, LLC

West Valley Demonstration Project

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ARRA VARIANCE EXPLANATIONS

Reporting Period 17: Jul '11

CONTROL ACCOUNT	BUDGET	EARNED	ACTUAL	V A R I A N C E		VARIANCE PERCENT		I N D E X	
				SCHEDULE	COST	SCHEDULE	COST	SCHEDULE	COST

Variance Analysis

THRESHOLDS - JULY 2011: 20,000 AND 20%, TO DATE: 50,000 AND 10%, AT COMPLETION: 100,000 AND 10%

11.3100	11.3100 ARRA MAIN PLANT PROCESS BUILDING		COST IN USD							
	JULY 2011	0	236,525	115,444	236,525	121,081 *	0.0	51.1 *	0.00	2.04
	TO DATE	29,718,581	29,125,288	27,452,053	-593,293	1,673,235	-1.9	5.7	0.98	1.06
	AT COMPLETION	29,718,581	29,718,581	28,160,498	0	1,558,083	0.0	5.2	1.00	1.05
	CAUSE OF VARIANCE	Current period positive cost variance of \$121K is due to cost readjustments per DOE approval.								
	CORRECTIVE ACTION TAKEN	None required.								
	IMPACT ON COST AND SCHEDULE	None.								
	EXPLANATION	Cost readjustments made per DOE approval								

11.3400	11.3400 ARRA TANK AND VAULT DRYING		COST IN USD							
	JULY 2011	0	0	8,619	0	-8,619	0.0	0.0	0.00	0.00
	TO DATE	7,220,394	7,220,394	8,559,457	0	-1,339,063 *	0.0	-18.5 *	1.00	0.84
	AT COMPLETION	7,220,394	7,220,394	8,559,457	0	-1,339,063 *	0.0	-18.5 *	1.00	0.84
	CAUSE OF VARIANCE	COST:								

Cumulative Cost Variance (\$1,339)  
 The negative variance is due to the need to perform more initial field activities than planned (removal of more equipment from the V&S Building than planned [\$135K], relocation of the NLB enclosure because the excavation subcontractor indicated that it was too close to the planned excavation [\$70K], permanently isolating/air-gapping power to the WTF from the shelter instead of just using temporary lock-outs to provide safer isolations [\$80K], extra labor and subcontractor costs to remove underground lines that were not planned to be removed [\$60K] and upgrades to the existing PLC to accommodate alarms from the T&VDS [\$50K]), some of those activities taking more resources than planned (temporary vent connections to PVS inlet plenum using a specially designed glove box instead of separate hot taps [\$130K], and the use of a full time project field engineer [\$165K]), and performing some activities that were not budgeted (site survey, heat tracing the temporary vent lines and vent line changes [\$160K]). \$170K of the negative variance is attributed to the additional effort and impact resulting from remediating the asbestos containing pipe coatings and the additional radcon measures being employed in response to finding contamination at various locations in the excavation. \$140K is due to the tank and vault diffuser design, fabrication, testing and installation costing more than estimated, although the 8D-1 and 8D-2 diffusers are now equipped with dampers to be able to adjust dry air flow across the tops of the tanks or to the bottom of the vaults. Approximately \$64K and \$73K of the cost variance are due to investigating and troubleshoot

## FORMAT 5

WVES, LLC

West Valley Demonstration Project

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ARRA VARIANCE EXPLANATIONS

Reporting Period 17: Jul '11

CONTROL ACCOUNT	BUDGET	EARNED	ACTUAL	V A R I A N C E		VARIANCE PERCENT		I N D E X	
				SCHEDULE	COST	SCHEDULE	COST	SCHEDULE	COST

Variance Analysis

THRESHOLDS - JULY 2011: 20,000 AND 20%, TO DATE: 50,000 AND 10%, AT COMPLETION: 100,000 AND 10%

ing system issues after start-up and implementing unplanned actions (installation of CAM alarms and tie-in the PLC and spare parts procurement) resulting from the readiness self-assessment, respectively.

CORRECTIVE ACTION TAKEN      COST:  
None. Work scope has completed.

IMPACT ON COST AND SCHEDULE      Impact to Cost:  
There are two key impacts to cost. The first has been the need to use more WVES labor than budgeted. The second is the extra efforts involved in remediating the asbestos-containing coating on the underground piping and radcon measures that were implemented in response to finding contamination in the excavation. Monthly actual costs and EAC updates will be used to closely monitor time charges. The project was expected to finish with an approximate \$1,330K negative cost variance with respect to the current \$7,220K budget for an increase of approximately 18%.

Impact to Schedule:  
Not applicable.

EXPLANATION      The cost variance at completion is (\$1,339K) or 18% of the budget at completion, which was as expected. The cumulative cost variance for the replanned period following the end of March 2010 is (\$575K) or 12% of the budget over this end of the project period.

11.6300      11.6300 ARRA 01-14 FACILITY REMOVAL COST IN USD

JULY 2011	0	0	0	0	0	0.0	0.0	0.00	0.00
TO DATE	240,919	240,919	365,403	0	-124,484 *	0.0	-51.6 *	1.00	0.65
AT COMPLETION	240,919	240,919	365,403	0	-124,484 *	0.0	-51.6 *	1.00	0.65

CAUSE OF VARIANCE      This work scope has been removed from the contract.

## FORMAT 5

WVES, LLC

West Valley Demonstration Project

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ARRA VARIANCE EXPLANATIONS

Reporting Period 17: Jul '11

CONTROL ACCOUNT	BUDGET	EARNED	ACTUAL	V A R I A N C E		VARIANCE PERCENT		I N D E X	
				SCHEDULE	COST	SCHEDULE	COST	SCHEDULE	COST

Variance Analysis

THRESHOLDS - JULY 2011: 20,000 AND 20%, TO DATE: 50,000 AND 10%, AT COMPLETION: 100,000 AND 10%

11.8006	COS - ARRA WASTE SHIPPING		COST IN USD
	JULY 2011	173,933	173,933
		180,882	180,882
	TO DATE	173,932	173,932
		181,149	181,149
	AT COMPLETION	979,090	979,090
		866,480	866,480

CAUSE OF VARIANCE

The expected Estimate at Completion positive cost variance is due to adjusting costs for August's waste shipments using July's shipment costs, which were lower than expected. In addition, the non-labor support (RP and QIS) is not expected to be as much as originally budgeted.

CORRECTIVE ACTION TAKEN

Positive Cost Variance for the EAC is expected. Further analysis and revision of August's expected costs was performed. In addition, more waste shipping is being considered which would diminish this positive variance.

## 5.4 Total Base Project Budget Baseline

TOTAL PROJECT BUDGET BASELINE		\$ in Thousands	FY 07	FY 08	FY09	FY10	FY11	Totals
	Planned Value Total PBS Level		4,138	58,101	66,901	52,015	60,278	241,434
	Contract Transition		600	730	-	-	-	1,330
	Adjustment : Completed Scope		(719)	-	-	-	-	(719)
	WVES G&A		13	157	157	157	479	962
	WVES Fee Drum Cell		106	332	-	-	-	438
	WVES Fee		208	3,997	4,683	2,048	2,372	13,308
	WVES Contract Budget Baseline		4,347	63,317	71,741	54,220	63,129	256,753
	WVES Management Reserve (note 1)		0	0	0	0	2,042	2,042
	DOE Contracts		0	0	7,199	3,375	2,527	13,101
	>> Total Plan WVDP		4,347	63,317	78,939	57,595	67,698	271,896
PBS OH-WV-0013-Solid Waste Stabilization & Disposition	Planned Value PBS Level		2,235	19,093	12,965	11,126	19,018	64,439
	WVES G&A		-	-	-	-	-	-
	WVES Fee		75	1,266	908	434	742	3,425
	WVES Fee Drum Cell		106	332	-	-	-	438
	WVES CBB PBS Level		2,416	20,692	13,874	11,560	19,760	68,302
	WVES Management Reserve (note 1)		0	0	0	0	403	403
	Total Plan PBS OH-WV-0013 Funding Level		2,416	20,692	13,874	11,560	20,163	68,704
102100 LEGACY WASTE PROCESS AND REPACKAGING	Planned Value WBS Level		770	12,602	9,500	4,735	14,775	42,382
102200 LEGACY WASTE DISPOSITION	Planned Value WBS Level		305	5,490	3,466	6,391	4,243	19,895
102400 DRUM CELL SHIPMENTS	Planned Value WBS Level		1,160	1,002	-	-	-	2,162
PBS OH-WV-0020 - Safeguards & Security	Planned Value PBS / WBS Level		179	2,080	1,884	1,854	1,811	7,809
	WVES G&A		-	-	-	-	-	-
	WVES Fee		13	146	132	72	71	433
	Total Plan PBS OH-WV-0020 Funding Level		192	2,226	2,016	1,926	1,881	8,242
109100 SAGE GUARDS AND SECURITY	Planned Value WBS Level		179	2,080	1,884	1,854	1,532	7,530
109002 CONTINUITY OF SERVICES SAGE GUARDS AND SECURITY	Planned Value WBS Level		-	-	-	-	279	279
PBS OH-WV-0040 - Nuclear Facility D&D	Planned Value PBS Level		1,724	36,928	52,050	39,035	39,449	169,187
	WVES G&A		13	157	157	157	479	962
	WVES Fee		121	2,585	3,644	1,542	1,558	9,449
	WVES CBB PBS Level		1,858	39,669	55,850	40,734	41,486	179,597
PBS OH-WV-0040.C1 - Nuclear Facility D&D Main Plant	WVES Management Reserve (note 1)		0	0	0	0	97	97
PBS OH-WV-0040.O1.1 - Nuclear Facility D&D Operations 1	WVES Management Reserve (note 1)		0	0	0	0	1,542	1,542
	Total Plan PBS OH-WV-0040 Funding Level		1,858	39,669	55,850	40,734	43,125	181,237
PBS OH-WV-0040.C1 - Nuclear Facility D&D Main Plant	Planned Value PBS Level		269	12,216	15,204	18,558	15,806	62,053
102300 NEWLY GENERATED RAD WASTE DISPOSITION	Planned Value WBS Level W/P 001 (note 5)		-	0	92	513	-	606
103100 MAIN PLANT PROCESS BUILDING	Planned Value WBS Level		269	12,216	15,112	18,045	15,806	61,447
PBS OH-WV-0040.O1.1 - Nuclear Facility D&D Operations 1	Planned Value PBS Level		1,455	24,712	36,846	20,477	23,643	107,134
101110 SITE OPERATIONS AND MAINTENANCE	Planned Value WBS Level		870	11,838	13,752	11,142	10,322	47,923
109000 CONTINUITY OF SERVICES SITE OPERATIONS	Planned Value WBS Level		-	-	-	-	7,056	7,056
101120 INTERIM NDA GROUNDWATER BARRIER AND CAP	Planned Value WBS Level		-	3,082	1,121	-	2,161	6,364
102300 NEWLY GENERATED RAD WASTE DISPOSITION	Planned Value WBS Level W/P 002-004 (note 5)		-	0	-	48	-	49
103200 BALANCE OF SITE FACILITIES DISPOSITION	Planned Value WBS Level		163	2,700	1,240	129	10	4,089
103300 RHMV AND VITRIFICATION FACILITY DECON	Planned Value WBS Level		-	-	-	-	264	264
103400 WASTE TANK FARM ISOLATION	Planned Value WBS Level		-	267	2,190	1,693	4	4,154
104100 REGULATORY AFFAIRS	Planned Value WBS Level		402	5,364	6,471	5,877	3,412	21,526
105100 DOE SUPPORT	Planned Value WBS Level		21	219	229	691	250	1,409
109004 CONTINUITY OF SERVICES DOE PROJECT MGT	Planned Value WBS Level		-	-	-	-	54	54
105600 HLW CANISTER STORAGE SYSTEM DESIGN	Planned Value WBS Level		-	-	342	329	-	671
109007 CONTINUITY OF SERVICES SITE HLW RECORDS	Planned Value WBS Level		-	-	-	-	111	111
107100 PENSION	Planned Value WBS Level		-	1,242	11,500	721	-	13,463
<b>TOTAL PROJECT FUNDING PLAN</b>		<b>\$ in Thousands</b>						
DOE EM Guidance Level Funding for WVES Contract	PBS OH-WV-0013 and OH-WV-0040		17,928	56,494	58,449	57,026	44,980	234,876
DOE EM Guidance Level Funding for Other WV Contracts	(SAIC-EIS, NTS, HQ misc contracts) note 3a&b		-	-	7,199	3,375	2,527	13,101
DOE Environmental Management Funding Total WVDP			17,928	56,494	65,648	60,401	47,507	247,977
DOE DEFENSE Guidance Level Funding for WVES Contract	PBS OH-WV-0020		396	2,168	2,800	1,840	595	7,799
Total DOE Guidance Level Funding	Reference Letters #2008-0049, 2009-0141 (note 2), and 2009-0244 (note 3)		18,324	58,661	68,448	62,241	48,102	255,776
New York State Billable Share for WVES Contract			2,036	4,837	5,927	5,239	7,839	25,878
New York State Billable Share - WVES ARRA Activities (note 4)			-	-	-	4,900	-	4,900
>> Total Guidance Level Funding	DOE and New York State		20,360	63,498	74,374	72,380	55,941	286,554
New York State Service and Credit Total			-	1,680	1,680	1,560	1,170	6,090
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	76,054	73,940	57,111	292,644
DELTA: >> Total WVES Plan Requirement VS >> Total Guidance Level Funding DOE and NYS			16,013	182	(4,565)	14,785	(11,756)	14,658

Note 1; Management Reserve re-established via CBB 2010023, September 30, 2010.

Note 2; DOE Provided Funding Guidance (letter 2009-0141) reduced projected Project funding by \$22,804 from previous Guidance (letter 2008-0175)

Note 3a; DOE Provided Funding Guidance (letter 2009-0244) which identified \$7,198K from previous WVDP Guidance for FY2009 Other WV DOE Contracts.

Note 3b; DOE Provided funding allocations vs total appropriation bill identified \$3,375K for FY2010 Other WV DOE Contracts, FY2011 Other WV DOE contracts calculated from actual DOE set aside for non WVES contracts at FY 2010 percentage

Note 4; DOE directed NYS ARRA billable amount to be applied to Base Contract.

Note 5; Control Account 102300 Newly Generated Radwaste Disposition apportioned to PBS OH-WV-0040.C1 and O1.1 Per DOE Direction.

## 5.5 Total ARRA Project Budget Baseline

TOTAL ARRA PROJECT BUDGET BASELINE		\$ in Thousands		FY09	FY10	FY11	Totals
PBS OH-WW-1000-American Recovery and Reinvestment Act	Planned Value PBS Level	6,724	35,753	19,654	62,131		
	WVES G&A	-	-	-	-		
	WVES Fee	0	1,400	1,692	3,092		
	WVES CBB PBS Level	6,724	37,153	21,346	65,223		
PBS OH-WW-0013-R.1 ARRA TRU and Solid Waste	WVES Management Reserve	0	0	0	0		
PBS OH-WW-0040 -R.1.1 ARRA Main Plant D&D	WVES Management Reserve	0	0	198	198		
PBS OH-WW-0040 -R.1.2 ARRA Other D&D	WVES Management Reserve	0	0	82	82		
	>> Total ARRA Plan PBS OH-WW-1000 (Funding Level)	6,724	37,153	21,626	65,503		
<b>PBS OH-WW-0013-R.1 ARRA TRU and Solid Waste</b>		306	7,120	4,364	11,791		
112100 ARRA Legacy Waste Process and Repackage	Planned Value WBS Level	306	7,120	1,497	8,924		
112200 009 ARRA Additional Waste Shipping	Planned Value WBS Level - Work Package ***	-	-	1,888	1,888		
118006 ARRA Continuity of Service -Waste Shipping	Planned Value WBS Level	-	-	979	979		
<b>PBS OH-WW-0040 -R.1.1 ARRA Main Plant D&amp;D</b>		2,217	17,734	9,933	29,884		
112300 ARRA Newly Generated Waste Disposition	Planned Value WBS Level WP 001 only	4	161	-	165		
113100 AARA Main Plant Process Building	Planned Value WBS Level	2,213	17,573	9,933	29,719		
<b>PBS OH-WW-0040 -R.1.2 ARRA Other D&amp;D</b>		4,201	10,898	5,357	20,457		
111000 ARRA Project Support	Planned Value WBS Level	2,114	818	661	3,593		
112300 ARRA Newly Generated Waste Disposition	Planned Value WBS Level WP 002-906	82	412	437	931		
113110 ARRA MPPB Liquid Waste Solidification System	Planned Value WBS Level	498	1,072	-	1,570		
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	4,237	2,058	7,220		
114300 ARRA North Plateau Plume Treatment Wall	Planned Value WBS Level	103	4,477	2,201	6,781		
116300 ARRA 01-14 Facility Removal	Planned Value WBS Level	135	106	-	241		
116620 ARRA Balance of Site Facility Foundation Removal	Planned Value WBS Level	83	(50)	-	33		
116800 ARRA Isolate Lagoons	Planned Value WBS Level	23	(21)	-	2		
<b>TOTAL ARRA PROJECT FUNDING PLAN</b>		\$ in Thousands					
DOE Guidance Level Funding for WVES Contract PBS OH-WW-1000		62,875	-	-	62,875		
DOE Guidance Level Funding for Other WW Contracts		-	-	-	-		
<b>DOE American Recovery and Reinvestment Act Funding Total</b>		62,875	-	-	62,875		
DOE DEFENSE Guidance Level Funding for WVES Contract		-	-	-	-		
* Total DOE Guidance Level Funding Ref Contract Mod #043; 5/5/09, #053; 9/3/09. #077 6/2/10		62,875	-	-	62,875		
**New York State Billable Share for WVES Contract		-	-	-	-		
<b>Total ARRA Guidance Level Funding with New York State (DOE and New York State)</b>		62,875	-	-	62,875		
<b>DELTA: &gt;&gt;Total ARRA Plan Requirement VS &gt;&gt;Total ARRA Guidance Level Funding DOE and NYS</b>		56,151	(37,153)	(21,626)	(2,628)		

\* DOE Funding is allocated at ARRA Total level identified per Contract Modifications

\*\* DOE directed WVES to apply New York State ARRA billable amount of \$6,980K and to charge NYS Service and Credits to the WVES Base Contract.

\*\*\* DOE approved \$1,888K Additional Waste Shipping Scope, No Management Reserve Draw Down.

## 6.0 Summary Level Performance Charts

### WVES BASE CONTRACT Base Contract



COST IN USD

WVES, LLC

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## PBS OH-WV-0020 Safeguard and Security - West Valley



COST IN USD

WVES, LLC

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PBS OH-WV-0040-O1.1  
Nuclear Facility D & D - Operations



COST IN USD

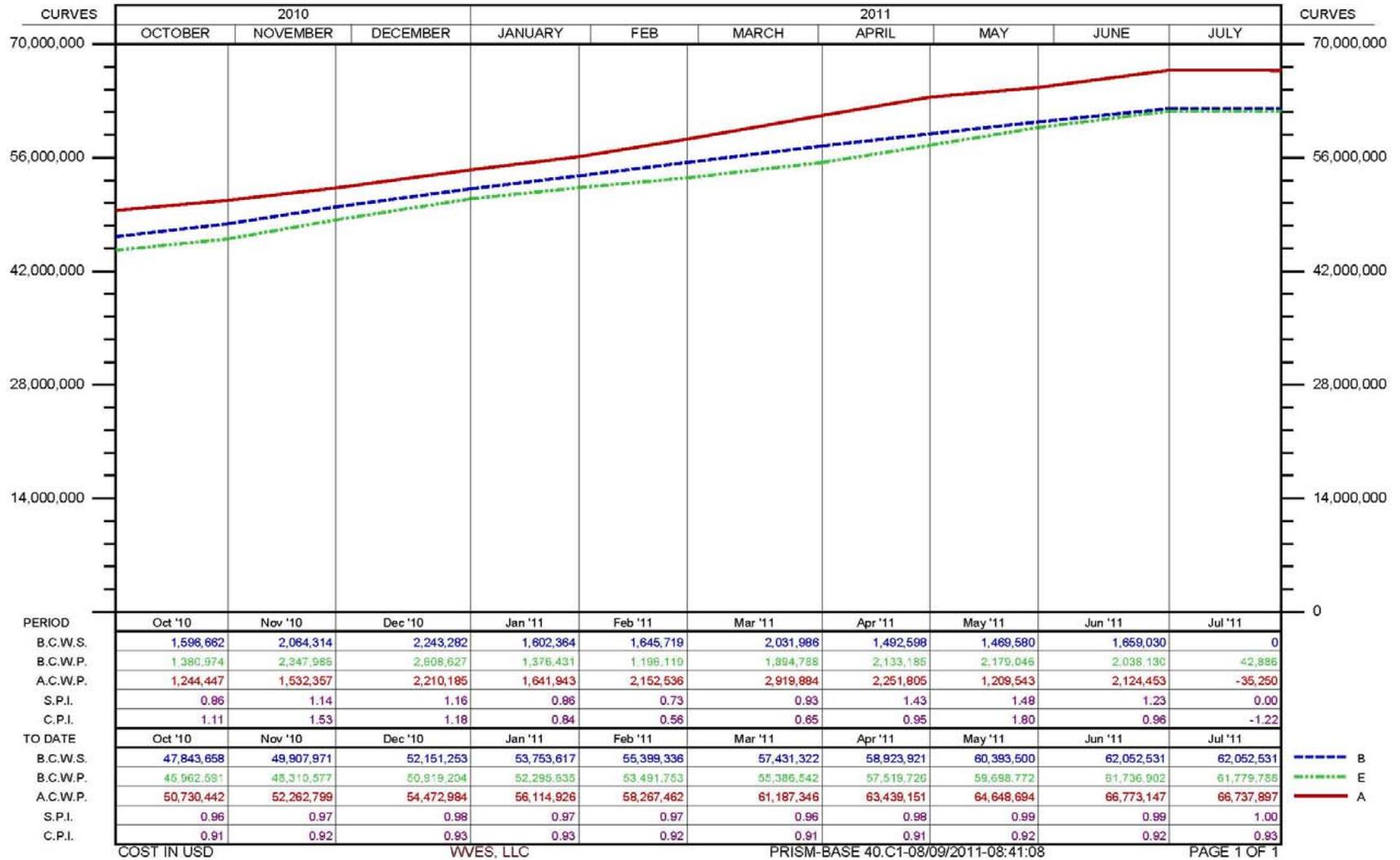
WVES, LLC

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PAGE 1 OF 1

## PBS OH-WV-0040.C1

### Nuclear Facility D & D - MPPB (Capital Asset Project)



COST IN USD

WVES, LLC

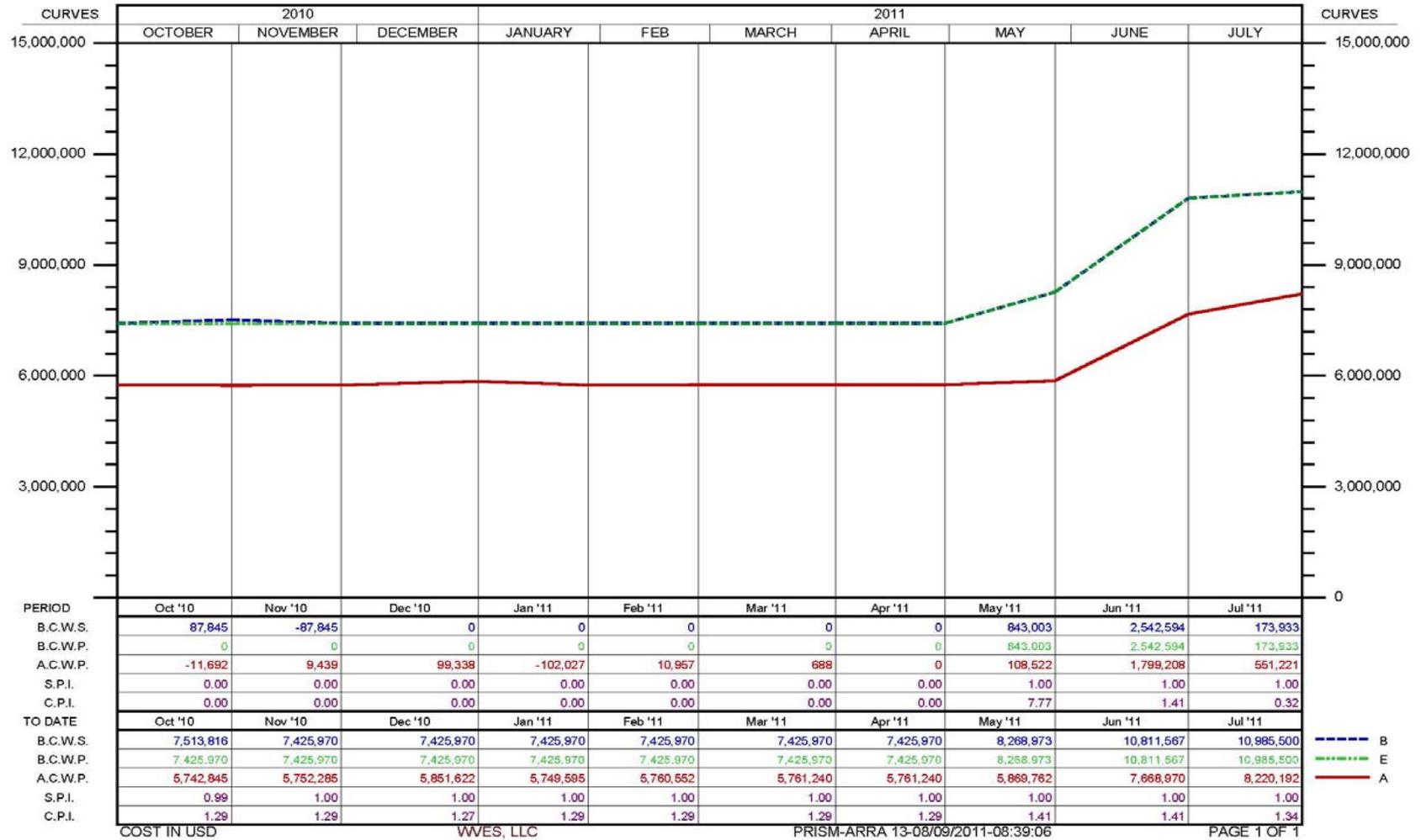
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6.3 ARRA PBS Level Performance Charts

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







## 7.0 Performance Based Incentive (PBI) Status (Base / ARRA / Waste Processing)

### WVES Milestones and Metrics per DOE-Approved Path to Completion Plan

JULY 2011

#### Metrics

Sub Name	SUB-SUB CODE (Subproject)	Sub-Sub Name	ARRA	Performance Measure	Unit	Oct	Nov	Dec	Jan	Feb	Mar	April	May	Jun	Jul
West Valley Recovery Act Project	OH-WV-0040.R1.2	Other D&D	Y	Groundwater System Installed	Number completed			1							
					Actual			1							
West Valley Recovery Act Project	OH-WV-0040.R1.2	Other D&D	Y	Groundwater Wells Installed	Number completed					18					
					Actual			66							

#### Milestones

Sub Name	SUB-SUB CODE (Subproject)	Sub-Sub Name	ARRA	Milestone	Date	Actual	Forecast
Solid Waste Stabilization and Disposition - West Valley	OH-WV-0013	Solid Waste Stabilization and Disposition - West Valley	N	Complete processing of 8400 ft3 of legacy waste inventory during 1QFY2011.	Dec-10	6/25/2010	
				Complete processing of 9850 ft3 of legacy waste inventory during 2QFY2011.	Mar-11	1/18/2011	
				Complete processing of legacy waste inventory.	Jun-11		8/26/2011
Nuclear Facility D&D - West Valley	OH-WV-0040.C1	Nuclear Facility D&D - Main Plant D&D	N	Complete XC-1 7D-1 and 4D-1 Vessel Removal	Nov-10	12/20/2010	
				Complete XC-1 4D-2 Vessel Removal	Jan-11	1/30/2011	
				Complete GCR Decontamination	Apr-11	4/20/2011	
				Complete XC-1 Decontamination	Jun-11		8/26/2011
West Valley Recovery Act Project	OH-WV-0040.R1.1	Main Plant D&D	Y	Outdoor MPPB ACM Abatement Complete	Oct-10	10/31/2010	
				OGBR Decon Begins	Nov-10	11/5/2010	
				LXA ACM Removed (Excludes Steam Piping ACM)	Dec-10	12/28/2010	
				OGC Vessel Size Reduction Begins	Jan-11	6/15/2011	
				UXA ACM Abatement Complete	Feb-11	8/27/2010	
				CSRF ACM Removal	Mar-11	4/18/2011	
				MSM ACM Abatement Complete	Apr-11	3/21/2011	
				COA ACM Abatement Complete	May-11	6/15/2011	
				OGC Decon Complete	Jun-11		8/26/2011
				West Valley Recovery Act Project	OH-WV-0040.R1.2	Other D&D	Y
Initiate Testing of T&VDS	Nov-10	8/10/2010					
Begin Operation of T&VDS	Dec-10	12/17/2010					
Complete PTW Installation	Dec-10	11/24/2010					
Complete Demobilization of T&VDS Subk	Jan-11	1/6/2011					
Complete PTW Well Installation	Feb-11	12/27/2010					
Present PTW and T&VDS Papers at Waste Management Symposium	Mar-11	3/2/2011					
Secure Release of Claims from T&VDS Subk	Apr-11	3/18/2011					
Complete PTW Site Restoration	May-11	6/8/2011					
Complete Final PTW Installation Report	Jun-11	6/1/2011					

## 8.0 Realized Risk Tables

### 8.1 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 #	Risk Title	Detailed Description of Event	Date Risk Realized	Date Change Paper Submitted	Approval Date
9b	Major / Catastrophic Equipment Failures (Cranes, PARs, Shield Doors, Vit Arms, Brokk, Nitrocision System, Mast Climber, XC-1 Arm, etc.)	Risk realized in June 2011 related to cleanup efforts in XC-1. Excessive equipment failures (XC-1 remote arm and cutting tools) resulted in unanticipated downtime while repairs were performed. The timing of the failures and the associated recovery necessary to resume operations resulted in only four productive work days in the cell in June. Therefore, some work was not able to be completed prior to the contract end date of June 30, 2011. The remainder of the work scope is authorized to be completed during the Continuity of Services period of performance.	June 2011	Pending	Pending
1a	Identification of Unexpected ACM, More ACM Required to Reach D&D Objectives, or ACM Removal Productivity Less Than Planned	Risk realized as visual inspections in May 2011 confirmed the presence of Asbestos Containing Materials (ACM) falling out of the overheads in the FRS. The discovery of this unexpected ACM has shut down waste processing operations in the facility for the remainder of the contract, requiring the project team to replan and rewrite paperwork for processing the remaining waste, originally scheduled to be processed in the FRS, in an alternate location. Additional unplanned cost/schedule impacts will be realized as the FRS will require a comprehensive ACM cleanup at some point in the future when resources are available (potentially after completion of the current contract).	May 2011	Pending	Pending

Related Risk #	Risk Title	Detailed Description of Event	Date Risk Realized	Date Change Paper Submitted	Approval Date
1a	Identification of Unexpected ACM, More ACM Required to Reach D&D Objectives, or ACM Removal Productivity Less Than Planned	Unexpected impacts have been realized throughout FY 2011 (October 2010 – April 2011) due to occurrences of elevated airborne concentrations of ACM (both inside and/or outside the cell/work area) and associated clearance sample turnarounds. Most recently, on 3/18/11, a total of 4 shifts were lost in the COA due to prioritization of lab to outsource samples (other work was performed to offset a two week turnaround and several high ACM or unreadable samples). On 3/22/11, a high outside OGC project sample, not attributed to the project (HVAC area in office building suspected as source) resulted in a loss of 5 shifts. On 4/2/11, clearance sample turnaround delays MSM Shop decon efforts 3 days. And additional impacts were realized in April 2011 due to ACM contamination in the Control room (details of this event are being assembled). Although downtime due to these type of events are often limited to several days to a week per occurrence and workers have opportunities to shift focus to another work location while the affected areas are being mitigated, the cumulative impacts of these disturbances have resulted in reductions in productivity, increased labor costs, and are impacting the ability to complete the total D&D efforts, as scheduled. The cumulative actual and forecasted future impacts of this realized risk are being evaluated to determine whether change to reconcile these impacts is warranted.	Oct. 2010 – April 2011	Pending	Pending
1a	Identification of Unexpected ACM, More ACM Required to Reach D&D Objectives, or ACM Removal Productivity Less Than Planned	Waste processing in the Contact Size Reduction Facility (CSRF) was halted from mid January to early March 2011, as unexpected asbestos containing materials (zonalite) was discovered. Work was stopped, the material was sampled, and a cleanup of the area performed. During the clean up, visual inspections discovered additional ACM material in cut room, as the vessel pieces were unwrapped. Additional ACM cleanup followed, along with a subsequent discovery of a vessel with actual ACM insulation. The vessel was wrapped and removed to be managed as an ACM project. Following a final visual inspection and clearance of the area, and the required 10 day notification period, an ACM project was setup and completed to process the ACM contaminated vessel. Waste processing was impacted approximately 7 weeks. Cost impacts are currently being determined.	January – March 2011	Pending	Pending

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

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

## 8.2 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-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.)	ACM productivity in the LXA was significantly less than planned in July due to a number of factors. First, workforce restructuring that occurred on June 30, resulted in impacts to the ACM removal crew. Work proceeded in July with a number of personnel who were newer/less experienced with ACM removal. Therefore, productivity was impacted by a learning curve as new crew members were brought up to speed. Also, the remaining ACM in the LXA is some of the most difficult to access and physically demanding to remove due to a number of structural impediments and elevated platforms being required to get at the asbestos. In addition to impacting productivity, these challenges contributed towards initial quantities of the total ACM to be removed from the area being under-estimated. It was estimated that there was 70 linear feet of ACM remaining in the LXA in June 2011. As crews gained access to some of the most difficult areas of the LXA, it was determined that the total quantities of ACM to be removed were greater than originally planned (155 linear feet). Finally, very high temperatures during the month of July necessitated reduced stay times to mitigate the heat hazards, which also impacted productivity. As a result of these issues (new crew members, accessibility constraints, physically demanding / elevated work environment, worker safety / heat-related concerns, and an overall increase in the total quantity of ACM remaining to be removed), the ACM removal tasks were delayed into August 2011. However, current estimates indicate that remaining ACM work will finish by the end of the WVES contract (August 28, 2011).	July 2011	Pending	Pending

Related Risk #	Risk Category	Risk Title	Detailed Description of Event	Date Risk Realized	Date Change Paper Submitted	Approval Date
AR-2e	North Plateau Groundwater Plume Mitigation	Unknowns Related to Installation Process and Equipment (including, but not limited to: zeolite continuous feed problems, inability to install continuous zeolite wall without significant "windows," groundwater management issues, equipment malfunctions or contamination issues, trench wall stability issues, waste soil handling (e.g., viability of modified soil conveyor) or treatment/packaging issues etc.) Result in Delays to the Installation of the Permeable Reactive In-Ground Barrier and/or Added Costs	Due to a number of unforeseen technical challenges, installation of the PTW required more zeolite than originally planned. Anticipating this potential risk, WVES initially acquired approximately 15% more Zeolite (~250 bags) than estimated to complete the effort. In addition, WVES had the zeolite mining company, BRZ, generate and hold an additional 160 tons of zeolite as added contingency, which WVES would only pay for if needed and upon request for shipment to the WVDP. Despite these reserves, early zeolite usage tracking indicated that more zeolite was being used than anticipated for various unforeseen reasons (some areas of the trench had to be dug deeper than anticipated due to trencher limitations and/or adverse geological conditions; in some areas, the lowering of the trencher to follow the necessary design contours or when the trencher was grinding through large unanticipated boulders/debris resulted in some zeolite losses (where zeolite escaped from the trenching box and become deposited in the soil containment structure); and during excavation of the deepest section of the trench unexpected, additional drag was experienced on the cutting chain, leading to vibration of the boom, resulting in a trench width greater than 39"). These events resulted in a need to procure additional zeolite, over and above, the already planned contingency allowances. Cost impacts due to this event are being determined.	November 2010	Change paper to reconcile account will be issued as part of contract closeout for PTW Installation	Pending

Related Risk #	Risk Category	Risk Title	Detailed Description of Event	Date Risk Realized	Date Change Paper Submitted	Approval Date
AR-1h	North Plateau Groundwater Plume Mitigation	Unforeseen Underground Impediments Discovered During Installation of the Permeable Reactive In-Ground Barrier Result in Delays to Installation, Added Costs	Unanticipated subsurface concrete, rebar, boulders, river rock, etc. were encountered during trenching operations, which damaged the trencher conveyor system (trenching stopped 10/20/2010). The system was removed and sent back to Holland, MI to be repaired and modified (made more stout). (The backup conveyor system was also modified accordingly.) The repaired system arrived back at the WVDP on 11/1/2010, with trenching restarting 11/2/2010. Cost impacts due to this event are being determined.	October 2010	Change paper to reconcile account will be issued as part of contract closeout for PTW Installation	Pending
AR-2e	North Plateau Groundwater Plume Mitigation	Unknowns Related to Installation Process and Equipment (including, but not limited to: zeolite continuous feed problems, inability to install continuous zeolite wall without significant "windows," groundwater management issues, equipment malfunctions or contamination issues, trench wall stability issues, waste soil handling (e.g., viability of modified soil conveyor) or treatment / packaging issues etc.) Result in Delays to the Installation of the Permeable Reactive In-Ground Barrier and/or Added Costs	On 10/20/2010, a deflection in the soil catchment was noted. (The timing coincides with the above evolution (i.e., after trenching was stopped due to conveyor issues). A sample of soil in the catchment indicated a density of 115 pcf versus the design assumption of 62 pcf. A catchment redesign was developed and modifications initiated 10/22/2010. Enough modifications were completed to facilitate start of retrenching on 11/2/2010 (to coincide with above). Catchment modifications continue to be implemented. Cost impacts due to this event are being determined.	October 2010	Change paper to reconcile account will be issued as part of contract closeout for PTW Installation	Pending

**3) Closed-out (Eliminated) Risks (ARRA Contract):**

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

## 9.0 Monthly Shipping Report

### West Valley Demonstration Project July 2011 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	NNSS, Mercury, NV	Highway	6	IP-2, Type A	6,000	Cubic Feet
WVDP	MLLW solids	NNSS, Mercury, NV	Highway	2	IP-2, Type A	1,000	Cubic Feet
WVDP	LLW solids	EnergySolutions Clive, UT	Highway	6	IP-1	6,000	Cubic Feet

#### Actual Waste Shipped for the Month

Shipment Date	Waste Description	Receiving Facility	Mode	Number of Shipments	Package Types	Manifested Volume (ft <sup>3</sup> )	Manifested Volume (m <sup>3</sup> )	Legacy Waste (ft <sup>3</sup> )	Legacy Waste (m <sup>3</sup> )	Remediation (ft <sup>3</sup> )	Remediation (m <sup>3</sup> )	Remediation (ft <sup>3</sup> ) ARRA	Remediation (m <sup>3</sup> ) ARRA	Approval #
7/14/2011	LLW	NNSS	Highway	3	IP-2, Type A	2,920	83					2,920	83	4049
7/28/2011	LLW	NNSS	Highway	3	IP-2, Type A	4,506	128					4,506	128	4049
0 July Totals						7,426	210	0	0	0	0	7,426	210	
To-Date "Credit Volume" Totals								56,351	1,595	51,938	1,470	32,590	922	
To-date "Manifest Volume" Totals								88,030	2,491	51,953	1,470	32,590	922	

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

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

# 10.0 WVES Baseline Control Log

BASELINE CONTROL LOG					PROJECT MANAGER:			 <b>WVES LLC</b>					
CONTRACT NAME: West Valley Demonstration Project					Brent Rankin								
CONTRACT NUMBER: DE-AC30-07CC30000					Orig Contract Target Cost: \$148,954,774			REPORT AS OF: July, 2011					
TRANS-ACTION No.	DATE	AUTHORIZE DOCUMENT	DESCRIPTION OF CHANGE / REFERENCE	WBS	SCHEDULE IMPACT	TOTAL ESTIMATED COST (TEC) (Excl. Fee)	AUTHORIZED UNPRICED WORK (AUW)	CONTRACT BUDGET BASE (CBB) (This Change)	MANAGEMENT RESERVE (MR)	PERFORM. MEASURE BASELINE (PMB)	UNDISTRIB. BUDGET (UB)	ALLOCATED (DISTRIBUTED) BUDGET	CONTRACT BUDGET BASE (CBB) (Cumulative)
1	6/29/2007		DE-AC30-07CC30000	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
<b>END OF SEPTEMBER 2007 PERFORMANCE PERIOD</b>						<b>147,024,655</b>	<b>0</b>	<b>149,288,355</b>	<b>0</b>		<b>147,024,655</b>		
3	12/14/2007		Baseline submittal	Multiple		0	0	18,058,645	0	167,347,000	(147,024,655)	165,110,300	167,347,000
4	1/9/2008	2008001	Redistribute spread of scope in 102100003 and 103100002 due to error in December 14, 2007 baseline submittal	102100003/1 03100002	N	0	0	0	0	167,347,000	0	167,347,000	167,347,000
<b>END OF JANUARY 2008 PERFORMANCE PERIOD</b>						<b>147,024,655</b>	<b>0</b>	<b>167,347,000</b>	<b>0</b>		<b>0</b>		
5	2/28/2008	2008002	Cancelled. Add to BCP due in March (NTS disposal return)	Multiple	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	Multiple	N	0	0	0	0	167,347,000	0	167,347,000	167,347,000
<b>END OF FEBRUARY 2008 PERFORMANCE PERIOD</b>						<b>147,024,655</b>	<b>0</b>	<b>167,347,000</b>	<b>0</b>		<b>0</b>		
8	3/26/2008	M008	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 WP002 for all work scopes, move \$67K for engineering to WP012 to support demo plan	103100002/1 03100012	N	0	0	0	0	167,347,000	0	167,347,000	167,347,000
<b>END OF MARCH 2008 PERFORMANCE PERIOD</b>						<b>151,108,651</b>	<b>0</b>	<b>167,347,000</b>	<b>0</b>		<b>0</b>		
11	4/2/2008	2008007	Cancelled superseded by 2008008	Multiple	N	0	0	0	0	167,347,000	0	167,347,000	167,347,000
12	4/1/2008	M011	Contract Modification	104100005/1 04100006	N	3,817,121	0	0	0	167,347,000	0	167,347,000	167,347,000
13	4/1/2008	M012	Contract Modification	101120001	N	4,202,415	0	0	0	167,347,000	0	167,347,000	167,347,000
14	4/1/2008	M013	Contract Modification	103400003/1 03400004/10 3400005	N	6,524,601	0	0	0	167,347,000	0	167,347,000	167,347,000
15		2008008	Change to CBB as a result of DOE directed workscope (letter EMCBC-0341098) Adds realized risks and DOE Assignment of Risk Management Plan (letter WD:2008.0113) & impacts of funding profile that varies from previous guidance	Multiple	Y	0	0	50,271,468	0	217,618,468	0	217,618,468	217,618,468
<b>END OF APRIL 2008 PERFORMANCE PERIOD</b>						<b>166,652,788</b>	<b>0</b>	<b>217,618,468</b>	<b>0</b>		<b>0</b>		
16	5/20/2008	M015	Contract Modification	109100002	N	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
<b>END OF MAY 2008 PERFORMANCE PERIOD</b>						<b>166,932,788</b>	<b>0</b>	<b>218,148,104</b>	<b>0</b>		<b>0</b>		
18	6/2/2008	M017	Contract Modification	Multiple	N	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
<b>END OF JULY 2008 PERFORMANCE PERIOD</b>						<b>168,359,060</b>	<b>0</b>	<b>218,148,104</b>	<b>0</b>		<b>0</b>		
20	9/3/2008	2008012	Add logic ties to baseline schedule	Multiple	Y	0	0	0	0	218,148,104	0	218,148,104	218,148,104
21	9/29/2008	2008013	Remove Cyber Security labor added in 2008008	109100002	N	0	0	(598,001)	0	217,550,103	0	217,550,103	217,550,103
22	9/29/2008	2008014	Add new Cyber Security scope	109100002	N	0	0	1,316,962	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
<b>END OF SEPTEMBER 2008 PERFORMANCE PERIOD</b>						<b>168,359,060</b>	<b>0</b>	<b>218,804,540</b>	<b>0</b>		<b>0</b>		
24	10/1/2008	2008017	Cancelled.	Multiple	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
<b>END OF OCTOBER 2008 PERFORMANCE PERIOD</b>						<b>168,359,060</b>	<b>0</b>	<b>218,686,640</b>	<b>0</b>		<b>0</b>		

CONTRACT NUMBER: DE-AC30-07CC30000					Orig Contract Target Cost: \$148,954,774			REPORT AS OF: July, 2011					
TRANS-ACTION No.	DATE	AUTHORIZE. DOCUMENT	DESCRIPTION OF CHANGE / REFERENCE	WBS	STATUS (IMPACT)	TOTAL ESTIMATED COST (TEC) (F.xcl. FM)	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)
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
<b>END OF NOVEMBER 2009 PERFORMANCE PERIOD</b>						<b>168,359,060</b>	<b>0</b>	<b>218,686,640</b>	<b>0</b>		<b>0</b>		
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	1/8/2009	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 monoral 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
<b>END OF DECEMBER 2009 PERFORMANCE PERIOD</b>						<b>169,516,755</b>	<b>0</b>	<b>219,023,640</b>	<b>0</b>		<b>0</b>		
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	1,838,000	0	220,861,640	0	220,861,640	220,861,640
36	1/29/2009	2009009	Defer processing CH-TRU due to new DOE direction for processing CH-TRU	102100003	Y	0	0	0	0	220,861,640	0	220,861,640	220,861,640
<b>END OF JANUARY 2009 PERFORMANCE PERIOD</b>						<b>169,516,755</b>	<b>0</b>	<b>220,861,640</b>	<b>0</b>		<b>0</b>		
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	220,861,640	0	220,861,640	220,861,640
38	2/1/2009	2009015	Cancelled.	103400	N	0	0	0	0	220,861,640	0	220,861,640	220,861,640
39	2/1/2009	2009016	Cancelled.	103200	N	0	0	0	0	220,861,640	0	220,861,640	220,861,640
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	220,861,640	0	220,861,640	220,861,640
41	2/26/2009	2009014	Replan scope to engineer and replace existing 8D-4 pump	103400004	Y	0	0	0	0	220,861,640	0	220,861,640	220,861,640
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	220,861,640	0	220,861,640	220,861,640
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	220,861,640	0	220,861,640	220,861,640
<b>END OF FEBRUARY 2009 PERFORMANCE PERIOD</b>						<b>169,516,755</b>	<b>0</b>	<b>220,861,640</b>	<b>0</b>		<b>0</b>		
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 1 A.	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 remobilized equipment for the new XC1 arm.	103100004	Y	0	0	982,711	0	223,931,758	0	223,931,758	223,931,758
49	4/2/2009	2009021	Field and lab characterization for the North Plateau Permeable Reactive Barrier and Permeable Treatment Wall baseline schedule revision to reflect current accelerated work plan with expert geologist and university direction.	104100006	Y	0	0	0	0	223,931,758	0	223,931,758	223,931,758
50	4/2/2009	2009022	Replan work associated w/decontamination of Tank 8D-4 liquid and shipment of Cs-137 loaded zeolite due to denial by DOE of subcontract sole-source justification	103400004/ 103400901	Y	0	0	0	0	223,931,758	0	223,931,758	223,931,758
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

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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
<b>END OF MARCH 2009 PERFORMANCE PERIOD</b>						<b>169,516,765</b>	<b>0</b>	<b>232,921,768</b>	<b>0</b>		<b>0</b>		
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
<b>END OF APRIL 2009 PERFORMANCE PERIOD</b>						<b>169,516,765</b>	<b>0</b>	<b>232,921,768</b>	<b>0</b>		<b>0</b>		
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
<b>END OF MAY 2009 PERFORMANCE PERIOD</b>						<b>226,516,765</b>	<b>0</b>	<b>233,183,066</b>	<b>0</b>		<b>0</b>		
63	6/23/2009	2009036	Plan a Portion of the Planning Package for 8D-4 Liquid decontamination conceptual, preliminary and final design.	103400004/ 103400001	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 remozitized prototype tools for FMC and GPC decontamination	103100003	Y	0	0	999,052	0	236,016,221	0	236,016,221	236,016,221
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

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			To establish the 120 day work plan budget for Recovery Act Work to be tracked during the definition time period. This CBB covers May through August 2009. This provisional baseline CBB will be superseded by the final Performance Measurement Baseline submittal to be issued 120 days from the execution of the above referenced contract modification.										
73	7/1/2009	2009047		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
<b>END OF JUNE 2009 PERFORMANCE PERIOD</b>						<b>225,516,755</b>	<b>0</b>	<b>240,887,238</b>	<b>0</b>				
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
<b>END OF JULY 2009 PERFORMANCE PERIOD</b>						<b>228,976,972</b>	<b>0</b>	<b>240,991,611</b>	<b>0</b>				
80	8/6/2009	2009049	RCRA Part B Revision CBB 2009042 Resubmital	104100	Y			669,927	0	241,551,538	0	241,551,538	241,551,538
81	8/6/2009	2009050	Canister Storage Conceptual Design will be performed	115500	Y			870,345	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
<b>END OF AUGUST 2009 PERFORMANCE PERIOD</b>						<b>235,631,707</b>	<b>0</b>	<b>252,489,677</b>	<b>0</b>				
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	Aslways 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	Cancelled, 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 Defined	All ARRA	Y	14,208,590		0	0	255,767,346	0	255,767,346	255,767,346
<b>END OF SEPTEMBER 2009 PERFORMANCE PERIOD</b>						<b>249,840,297</b>	<b>0</b>	<b>256,767,346</b>	<b>0</b>				
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
<b>END OF OCTOBER 2009 PERFORMANCE PERIOD</b>						<b>249,840,297</b>	<b>0</b>	<b>320,659,704</b>	<b>4,238,623</b>				
104	11/3/2009	Mod 060	NTS	Base	Y	(3,168,924)							
<b>END OF NOVEMBER 2009 PERFORMANCE PERIOD</b>						<b>246,671,373</b>		<b>320,659,704</b>	<b>4,238,623</b>				
105	12/17/2009	2010011	Modify Base Contract PMB to incorporate impacts of ARRA	Base	Y			(9,345,851)		307,075,230	0	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
<b>END OF DECEMBER 2009 PERFORMANCE PERIOD</b>						<b>246,671,373</b>		<b>311,313,853</b>	<b>6,181,188</b>				
		None								305,132,665	0	305,132,665	311,313,853
<b>END OF JANUARY 2010 PERFORMANCE PERIOD</b>						<b>246,671,373</b>		<b>311,313,853</b>	<b>6,181,188</b>				
		None								305,132,665	0	305,132,665	311,313,853
<b>END OF FEBRUARY 2010 PERFORMANCE PERIOD</b>						<b>246,671,373</b>		<b>311,313,853</b>	<b>6,181,188</b>				
107	3/10/2010	M067	Hardstands	10.3200	Y	(592,383)							
108	3/18/2010	M068	NDA Cap	10.1120	Y	2,162,000				305,132,665	0	305,132,665	311,313,853
<b>END OF March 2010 PERFORMANCE PERIOD</b>						<b>248,240,990</b>		<b>311,313,853</b>	<b>6,181,188</b>				
109	4/14/2009	2010020	Push forward P Pack for Fabrication of 8D-4 Liquids Decon System	10.3400	Y			0		305,132,665	0	305,132,665	311,313,853
110	4/14/2009	2010021	Firm Plan PP-901 Activities into WP001	11.3400	Y			0		305,132,665	0	305,132,665	311,313,853
<b>END OF April 2010 PERFORMANCE PERIOD</b>						<b>248,240,990</b>		<b>311,313,853</b>	<b>6,181,188</b>				
		None											
<b>END OF May 2010 PERFORMANCE PERIOD</b>						<b>248,240,990</b>		<b>311,313,853</b>	<b>6,181,188</b>				
111	6/23/2010	2010022	Eliminate Scope no longer planned for execution	Multiple	Y			(17,690,299)		287,442,366	0	287,442,366	293,623,554
<b>END OF June 2010 PERFORMANCE PERIOD</b>						<b>248,240,990</b>		<b>293,623,554</b>	<b>6,181,188</b>				

CONTRACT NUMBER: DE-AC30-07CC30000				Orig Contract Target Cost: \$148,954,774			REPORT AS OF: July, 2011						
TRANS-ACTION No.	DATE	AUTHORIZE DOCUMENT	DESCRIPTION OF CHANGE / REFERENCE	WBS	SCHED. IMPACT ?	TOTAL ESTIMATED COST (TEC) (Excl. Fee)	AUTHORIZED UNPRICED WORK (AUW)	CONTRACT BUDGET BASE (CBB) (This Change)	MANAGEMENT RESERVE (MR)	PERFORM. MEASURE BASELINE (PMB)	UNDISTRIB. BUDGET (UB)	ALLOCATED (DISTRIBUTED) BUDGET	CONTRACT BUDGET BASE (CBB) (Cumulative)
112	7/13/2010	M079	Bulk Storage Warehouse	10.3200	Y	(45,387)		0		287,442,366	0	287,442,366	293,623,554
			<b>END OF July 2010 PERFORMANCE PERIOD</b>			<b>248,195,603</b>		<b>293,623,554</b>	<b>6,181,188</b>				
		None						0		287,442,366	0	287,442,366	293,623,554
			<b>END OF AUGUST 2010 PERFORMANCE PERIOD</b>			<b>248,195,603</b>		<b>293,623,554</b>	<b>6,181,188</b>				
113	9/30/2010	M089	Path to Completion	Multiple	Y	65,855,606							
114	9/30/2010	2010023	Incorporate Path to Completion Plan	Multiple	Y			(263,667)	2,894,009	284,284,690		284,284,690	293,359,887
			<b>END OF SEPTEMBER 2010 PERFORMANCE PERIOD</b>			<b>314,051,209</b>		<b>293,359,887</b>	<b>9,075,197</b>				
115	10/28/2010	2011-001	Return Budget to ARRA Management Reserve	11.2100	Y			632,748		283,651,941		283,651,941	293,359,887
116	10/28/2010	2011-002	Return Budget to ARRA MR for activities no longer planned	11.3100	Y			200,967		283,450,974		283,450,974	293,359,887
117	10/14/2010	2011-003	NTS Shipping	10.2200	Y			(479,673)		283,930,647		283,930,647	293,359,887
118	10/28/2010	2011-004	Request MR to support additional DDWO OT, Maintenance, & Electric	10.3100	Y			(1,507,605)		285,438,253		285,438,253	293,359,887
119	10/28/2010	2011-005	Request MR for additional resources to support Head End Cells work	10.3100	Y			(2,152,228)		287,590,481		287,590,481	293,359,887
			<b>END OF OCTOBER 2010 PERFORMANCE PERIOD</b>			<b>314,051,209</b>		<b>293,359,887</b>	<b>6,769,406</b>				
120	11/22/2010	2011-010	SAIC Support and Ambient Air Monitoring	10.4100	N			0		287,590,481		287,590,481	293,359,887
121	11/23/2010	2011-013	ARRA Tank and Vault Drying System	11.3400	Y			(363,544)		287,954,025		287,954,025	293,359,887
122	11/28/2010	M093	Shipment of Radiological Waste to NTS	10.2200	Y					287,954,025		287,954,025	293,359,887
			<b>END OF NOVEMBER 2010 PERFORMANCE PERIOD</b>			<b>314,051,209</b>		<b>293,359,887</b>	<b>5,405,861</b>				
		None											
			<b>END OF DECEMBER 2010 PERFORMANCE PERIOD</b>			<b>314,051,209</b>		<b>293,359,887</b>	<b>5,405,861</b>				
123	1/27/2011	2011-016	Return to MR the budget and scope of the VF Facility Demolition Plan	10.3300	Y			150,107		287,803,918		287,803,918	293,359,887
124	1/27/2011	2011-017	Request MR for 2 Monitor Reports per the NPS PTW Monitoring Plan	11.4300	Y			(130,291)		287,934,209		287,934,209	293,359,887
125	1/27/2011	2011-018	Request MR for Additional Work Required in the Off-Gas Cell	11.3100	Y			(881,082)		288,815,290		288,815,290	293,359,887
			<b>END OF JANUARY 2011 PERFORMANCE PERIOD</b>			<b>314,051,209</b>		<b>293,359,887</b>	<b>4,544,596</b>				
126	2/22/2011	2011-020	Correct CV Adjustment - NDA Cap (\$2,160,648)*	10.1120	Y					290,975,938		290,975,938	293,359,887
127	2/24/2011	2011-021	Additional Work Controls Support	10.1110	Y			(610,837)		291,786,775		291,786,775	293,359,887
128	2/25/2011	2011-023	Move Trailer Removal Engineering Support Activity	10.1110	Y					291,786,775		291,786,775	293,359,887
			<b>END OF FEBRUARY 2011 PERFORMANCE PERIOD</b>			<b>314,051,209</b>		<b>293,359,887</b>	<b>3,733,759</b>				
129	3/31/2011	2011-026	Request MR for Closure of Storage Lockers	10.4100	Y			(42,167)		291,828,942		291,828,942	293,359,887
130	3/31/2011	2011-027	Request MR for Environmental Monitoring	10.4100	Y			(12,715)		291,841,657		291,841,657	293,359,887
			<b>END OF MARCH 2011 PERFORMANCE PERIOD</b>			<b>314,051,209</b>		<b>293,359,887</b>	<b>3,678,878</b>				
131	4/27/2011	2011-028	Firm Plan WP 903 Shielding	10.2200	N			568,879		291,272,778		291,272,778	293,359,887
132	4/27/2011	2011-030	Add Resources for WIR process	10.2200	N			(152,000)		291,424,778		291,424,778	293,359,887
			<b>END OF APRIL 2011 PERFORMANCE PERIOD</b>			<b>314,051,209</b>		<b>293,359,887</b>	<b>4,096,767</b>				
133	5/2/2011	2011-031	ARRA Buy Back Scope	11.2300	N			1,888,016		293,312,793		293,312,793	295,247,902
134	5/25/2011	2011-032	RHWF & VIT Waste Processing and Repackaging	Multiple	Y					294,346,697		294,346,697	295,247,902
135	5/26/2011	2011-033	Extraction Cells	11.3100	N			(637,366)		294,984,062		294,984,062	295,247,902
136	5/26/2011	2011-034	ARRA LLW/MLLW Transportation and Disposal	11.2300	N			(102,060)		295,086,122		295,086,122	295,247,902
			<b>END OF May 2011 PERFORMANCE PERIOD</b>			<b>314,051,209</b>		<b>296,247,902</b>	<b>2,322,428</b>				
137	6/28/2011	2011-037	Transfer authorized scope and cost for NuVision Arm	Multiple	N					295,086,122		295,086,122	295,247,902
138	6/28/2011	2011-038	Transfer authorized scope and cost and schedule for RHWF	Multiple	N					295,086,122		295,086,122	295,247,902
			<b>END OF June 2011 PERFORMANCE PERIOD</b>			<b>314,051,209</b>		<b>296,247,902</b>	<b>2,322,428</b>				
139	7/18/2011	2011-039	Continuity of Services	Multiple	Y			8,479,021		303,565,143		303,565,143	303,726,923
			<b>END OF July 2011 PERFORMANCE PERIOD</b>			<b>314,051,209</b>		<b>303,726,923</b>	<b>2,322,428</b>				
			Transition Costs - Not Tracked in PMB			995,456							
			G&A - Not Tracked in PMB			962,032							
			Current Total Estimated Cost in Contract			316,008,697							
			* Contract Budget base does not include 2011-020										