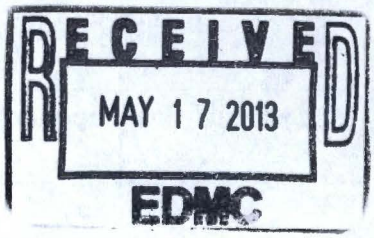
FINAL

Office of River Protection

Consent Decree 08-5085-FVS

Monthly Summary Report

May 2013



Office of River Protection

Consent Decree 08-5085-FVS
Monthly Summary Report

May 2013 (Project EVMS reflects March 2013 information)

Milestone	Title	Due Date	Completion Date	Status
Fiscal Year 2013				
D-00C-02X	Submit to Ecology & State of Oregon Monthly Summary Report	10/31/2012	10/31/2012	Completed
D-00C-02Y	Submit to Ecology & State of Oregon Monthly Summary Report	11/30/2012	11/20/2012	Completed
D-00C-02Z	Submit to Ecology & State of Oregon Monthly Summary Report	12/31/2012	12/26/2012	Completed
D-00A-05	LAB Construction Substantially Complete	12/31/2012	12/31/2012	Completed
D-00A-12	Steam Plant Construction Complete	12/31/2012	12/31/2012	Completed
D-00A-21	Complete Construction of Structural Steel to EL. 37' in HLW Fac.	12/31/2012	10/24/2012	Completed
D-00C-01F	Submit to Ecology & State of Oregon Semi-Annual Report	01/31/2013	01/31/2013	Completed
D-00C-02AA	Submit to Ecology & State of Oregon Monthly Summary Report	01/31/2013	01/24/2013	Completed
D-00C-02AB	Submit to Ecology & State of Oregon Monthly Summary Report	02/28/2013	02/25/2013	Completed
D-00C-02AC	Submit to Ecology & State of Oregon Monthly Summary Report	03/31/2013	03/29/2013	Completed
D-00C-02AD	Submit to Ecology & State of Oregon Monthly Summary Report	04/30/2013	04/25/2013	Completed
**D-00C-02AE	Submit to Ecology & State of Oregon Monthly Summary Report	05/31/2013		On-going
** Future Monthly Reports will be added as necessary to maintain a two-months ahead activity.				
D-00C-01G	Submit to Ecology & State of Oregon Semi-Annual Report	07/31/2013		On-going
D-006-00-A1	Provide State of Oregon Notice of Meetings	TBD		On-going
Fiscal Year 2014				
D-006-00-A	Meet Approximately Every 3 Years to Review Requirements of CD	TBD		On-going
D-00B-01	Complete Retrieval of Tank Waste from 10 SSTs in WMA-C	09/30/2014		On-going
D-00B-02	Advise Ecology of the 9 SSTs Waste Will be Retrieved by 2022	09/30/2014	08/22/2011	Completed
Fiscal Year 2015				
D-00A-07	LAW Facility construction Substantially Complete	12/31/2014		On-going
D-00A-19	Complete EL. 98' Concrete Floor Slab Placements in PT Facility	12/31/2014		On-going

Reports

D-00C-01 series, Submit to Ecology & State of Oregon Semi-Annual Report, Due: Semi-Annually – January 31st and July 31st of each year. Status: On-going

D-00C-02 series, Submit to Ecology & State of Oregon Monthly Summary Report Documenting Progress During Previous Month, Due: End of Each Month, Status: On-going

SST Retrieval Program

D-00B-01, Complete Retrieval of Tank Wastes from 10 Remaining SSTs in WMA-C, Due: 9/30/2014, Status: On-going

D-00B-01A thru J, Submit Tank Retrieval Complete Certification, Due: TBD
Pursuant to Section IV-B-5 of the CD, DOE must submit to Ecology a written certification that DOE has completed retrieval of a tank in accordance with the requirements of Appendix C, Part 1, of the CD. Completed for SST C-104 on 03/21/13 via ORP letter 13-TF-0018. Completed for SST C-108 on 05/01/13 via ORP letter 13-TF-0025.

D-00B-02, Advise Ecology of the 9 SSTs from which Waste Will Be Retrieved by 2022, Due: 9/30/2014, Status: Completed on 08/24/2011.

D-00B-03, Initiate Startup of Retrieval in At Least 5 of 9 SSTs in D-00B-02, Due: 12/31/2017, Status: On-going

D-00B-04, Complete Retrieval of Tank Wastes from the 9 SSTs in D-00B-02, Due: 9/30/2022, Status: On-going

D-00B-04A thru I, Submit Tank Retrieval Complete Certification, Due: TBD

Significant Past Accomplishments:
1. Completed C-Farm quarterly electrical cord inspections which impacted restart of C-107 MARS retrieval system.
2. Continued with installation of support equipment for C-110 Fold Track and Construction Acceptance Testing.
3. Continued with installation of equipment for C-112 Hard Heel removal.

Significant Planned Activities in the Next Six Months:
1. Complete installation of the MARS-V in C-105.
2. Complete C-107 hard heel retrieval.
3. Submit retrieval certificates of completion for C-108 and C-109 to Ecology.
4. Begin start-up of hard heel retrieval in C-110 using the Fold-Track.
5. Begin start-up of hard heel retrieval in C-112 using caustic dissolution.

Issues:
1. DOE-ORP delayed dome cut activities using the water/abrasive cutting technique for tank C-105 while resolution of an issue through the Differing Professional Opinion process DOE O 442.2 was completed. DOE-ORP and its Contractor are evaluating the schedule impacts due to delays in planned cutting of the C-105 dome.
2. DOE-ORP and its Contractor are reviewing whether the amount of sludge being stored in the tanks causes additional hazards due to gas generation and the potential that gas could be released within the headspace of the tank safely. While this issue is under review, controls have been put in place to limit the amount of sludge being added to the DSTs during C Farm retrieval.
3. DOE-ORP and its Contractor are reviewing the impacts of sequestration on retrieval and Consent Decree Milestone B-1.

Tank Waste Retrieval Work Plan (TWRWP) Status

Tank	TWRWP	Expected Revisions	Retrieval Technology	Second Technology	Third Technology
C-101	RPP-22520, Rev. 7	Complete	MRS (per 10/7/10 agreement, to be Modified Sluicing)	High-Pressure Water with ERSS	-
C-102	RPP-22393, Rev. 6A	In Process	Modified Sluicing	High-Pressure Water with ERSS	-
C-104	RPP-22393, Rev. 6A	Complete	Modified Sluicing	Chemical Dissolution	-
C-105	RPP-22520, Rev. 7	Complete	MARS-V	MARS-High Pressure Water	-
C-107	RPP-22393, Rev. 6A	Complete	MARS-S	MARS-High Pressure Water	-
C-108	RPP-22393, Rev. 6A	Complete	Modified Sluicing	Chemical Dissolution	-
C-109	RPP-21895, Rev. 5	Complete	Modified Sluicing	Chemical Dissolution	-
C-110	RPP-33116, Rev. 2	Complete	Modified Sluicing	Mechanical Waste Conditioning	High Pressure Water
C-111	RPP-37739, Rev. 1	In process	Modified Sluicing	None	-
C-112	RPP-22393, Rev. 6A	In process	Modified Sluicing	Chemical Dissolution	-

Significant Accomplishments:

Modification notice 2013-04 for TWRWP RPP-22520 was approved by ORP and Ecology allowing the C-105 dome cut to be made with olivine abrasive or a rotary coring system.

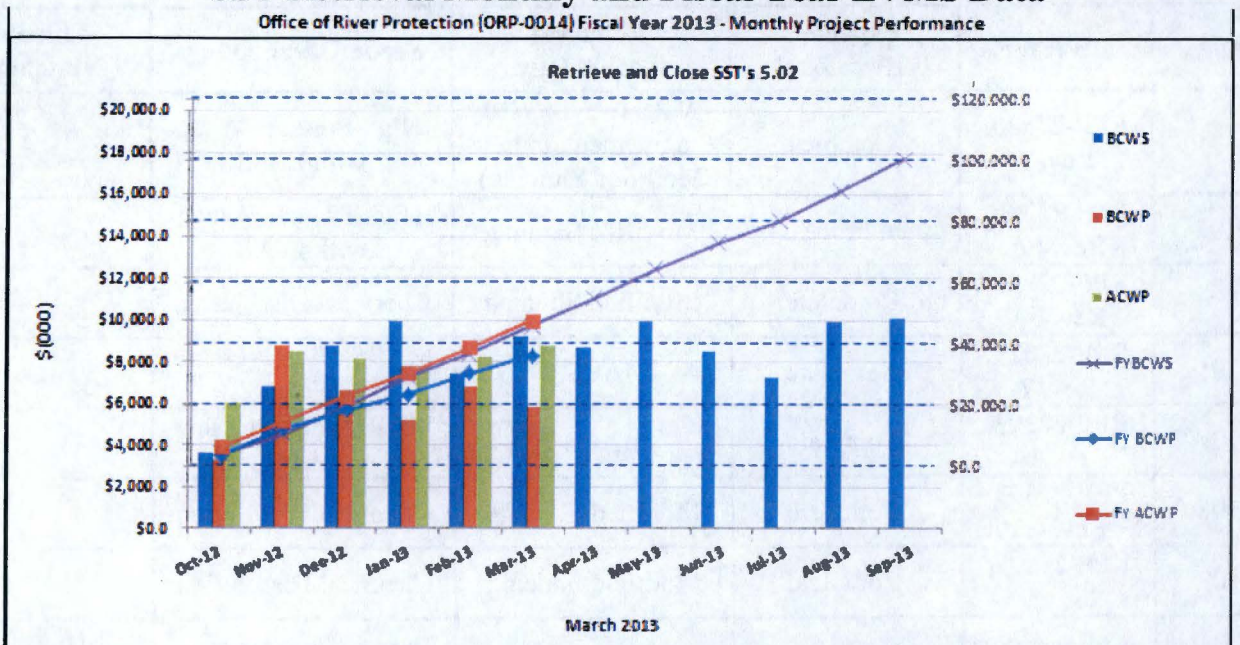
Significant Planned Activities in the Next 6 Months:

Work with Ecology on update to TWRWP RPP-37739 for C-111.

Issues:

None.

SST Retrieval Monthly and Fiscal Year EVMS Data



Earned Value Month	BCWS	BCWP	ACWP	SPI	CPI	FYBCWS	FY BCWP	FY ACWP	FY SPI	FY CPI
Oct-12	$3,620.6	$3,262.2	$6,009.2	0.90	0.54	$3,620.6	$3,262.2	$6,009.2	0.90	0.54
Nov-12	$6,822.3	$8,789.7	$8,503.5	1.29	1.03	$10,442.9	$12,051.9	$14,512.7	1.15	0.83
Dec-12	$8,754.6	$6,086.6	$8,117.5	0.70	0.75	$19,197.5	$18,138.5	$22,630.2	0.94	0.80
Jan-13	$9,897.3	$5,259.1	$7,843.5	0.53	0.67	$29,094.8	$23,397.6	$30,473.7	0.80	0.77
Feb-13	$7,491.3	$6,807.5	$8,239.1	0.91	0.83	$36,586.1	$30,205.1	$38,712.8	0.83	0.78
Mar-13	$9,250.2	$5,862.5	$8,789.0	0.63	0.67	$45,836.3	$36,067.6	$47,501.8	0.79	0.76
Apr-13	$8,677.0			0.00		$54,513.3			0.00	
May-13	$9,896.3			0.00		$64,409.6			0.00	
Jun-13	$8,470.0			0.00		$72,879.6			0.00	
Jul-13	$7,298.8			0.00		$80,178.4			0.00	
Aug-13	$9,902.0			0.00		$90,080.4			0.00	
Sep-13	$10,128.5			0.00		$100,208.9			0.00	
CTD	$385,535.2	$376,967.8	$381,497.5	0.98	0.99					

Retrieval and Close Single-Shell Tanks

Schedule Variance ($3,388K):

The unfavorable schedule variance is primarily due to:

- C-102 no longer being retrieved in parallel with C-101 due to a shift in labor resource skills resulting from sequestration funding reductions.
- C-105 dome cut and MARS Vacuum installation due to the DPO.
- C-107 and C-109 sampling delay due to resource availability.

Cost Variance ($2,926K):

The unfavorable cost variance is primarily due to:

- Additional resources required to complete retrieval of C-101.
- Additional resources and material required for single-shell tank C-110 retrieval activities.
- Additional field and operations crews needed to perform conduit installation.
- Higher costs required to resolve issues with the MARS-V system.

Waste Treatment and Immobilization Plant Project

Number	Title	Due Date	Status
D-00A-06	Complete Methods Validations	12/31/2017	Ongoing* (see issues below)
D-00A-17	Hot Start of Waste Treatment Plant	12/31/2019	Ongoing* (see issues below)
D-00A-01	Achieve Initial Plant Operations for WTP	12/31/2022	Ongoing* (see issues below)

The Waste Treatment and Immobilization Plant (WTP) Project currently employs approximately 2,262 full-time equivalent (FTE) contractor (Bechtel National, Inc. [BNI]) and subcontractor personnel. This includes 583 craft, 478 non-manual and 115 subcontractor FTE personnel working at the WTP construction site (all facilities). As of March 2013, the combined Low-Activity Waste (LAW) Facility, Analytical Laboratory (LAB), and Balance of Facilities (BOF) were 62 percent complete; design and engineering was 76 percent complete; procurement was 83 percent complete; construction was 69 percent complete; and startup and commissioning was 11 percent complete. In September 2012, the Baseline Change Proposal that implemented the LAW, BOF, and LAB (LBL) Replan was incorporated into the project over-target baseline (OTB), resulting in increases/decreases to the LBL facility budgets, which correspondingly increased/decreased the facility/function to-date percent complete values. In October 2012, the Pretreatment (PT) and High-Level Waste (HLW) Facilities 2-year Interim Work Plan was incorporated into the project over-target baseline and the percent completion values for PT and HLW were frozen at the September 2012 rate. The WTP Project continues to progress in accordance with the LBL Replan and PT/HLW 2-year Interim Work Plan.

In March 2013, the cumulative-to-date WTP Project schedule variance was a positive $3M, and the cumulative-to-date WTP Project cost variance was a negative $40.9M. The recent contribution to the cumulative-to-date schedule variance is due to early deliveries of plant equipment and early completion of construction activities. The major contribution to the cumulative to-date cost variance is the negative cost variance carried over from the LBL replan.

The following is the status of project matters through the end of March:

Significant Past Accomplishments:

- Completed structural evaluation of vessel bottom heads for HLP-27A/B and 28 (PT)
- Received the prototype design and testing proposals for the HEPA filters (HLW)
- Initiated installation of 58-ft structural steel (HLW)
- Completed placement of the castable refractory in Melters 1&2 (LAW)
- Startup accepted switchgear building 91 Medium Voltage Electrical (MVE-B-02) turnover from construction (BOF)

Significant Planned Actions in the Next Six Months:

- Perform testing of pulse jet mixing control strategy using the 8-ft vessel mixing test platform (PT)

- Award contract(s) for prototype design/fabrication of high-efficiency particulate air (HEPA) filters (HLW)
- Complete installation of melter power supplies (LAW)
- Complete installation of Auto Sampling (ASX) system (LAW)
- Complete construction of the Glass Former Storage Facility (BOF)
- Complete construction of WTP Chiller Compressor Plant (BOF)
- Completion of the high purity gas system layup (LAB)

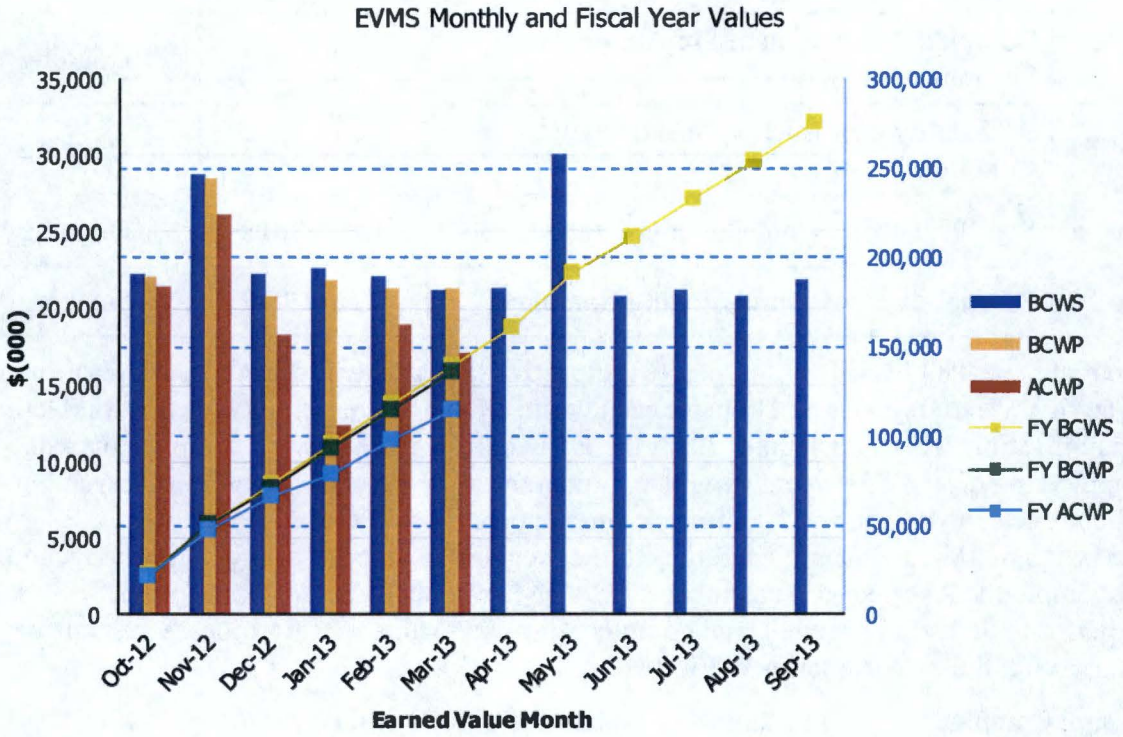
Issues:

* Technical issues relevant to the PT and HLW Facilities include, among others, pulse jet mixers, corrosion/erosion in piping and vessels, hydrogen accumulation, and waste feed issues.

EXC-01a: Fiscal Year Cost and Schedule Report

Data Set: FY 2013 Earned Value Data Data as of: March 2013

River Protection Project
WTP Project - Shared Services (WBS 1.90)



Earned Value Month	BCWS	BCWP	ACWP	SPI	CPI	FY BCWS	FY BCWP	FY ACWP	FY SPI	FY CPI
Oct 2012	$22,207	$22,137	$21,513	1.00	1.03	$22,207	$22,137	$21,513	1.00	1.03
Nov 2012	$28,798	$28,557	$26,165	0.99	1.09	$51,005	$50,694	$47,678	0.99	1.06
Dec 2012	$22,243	$20,850	$18,372	0.94	1.13	$73,248	$71,544	$66,050	0.98	1.08
Jan 2013	$22,610	$21,881	$12,429	0.97	1.76	$95,858	$93,425	$78,479	0.97	1.19
Feb 2013	$22,175	$21,381	$18,987	0.96	1.13	$118,033	$114,806	$97,466	0.97	1.18
Mar 2013	$21,236	$21,368	$17,162	1.01	1.25	$139,269	$136,174	$114,628	0.98	1.19
Apr 2013	$21,384					$160,653				
May 2013	$30,150					$190,804				
Jun 2013	$20,822					$211,625				
Jul 2013	$21,213					$232,839				
Aug 2013	$20,788					$253,627				
Sep 2013	$21,834					$275,461				
PTD	$3,771,894	$3,768,799	$3,747,251	1.00	1.01					

PRETREATMENT FACILITY

Number	Title	Due Date	Status
D-00A-19	Complete Elevation 98' Concrete Floor Slab in PT Facility	12/31/2014	Ongoing *
D-00A-13	Complete Installation of Pretreatment Feed Separation Vessels	12/31/2015	Ongoing *
D-00A-14	PT Facility Construction Substantially Complete	12/31/2017	Ongoing *
D-00A-15	Start PT Facility Cold Commissioning	12/31/2018	Ongoing *
D-00A-16	PT Facility Hot Commissioning Complete	12/31/2019	Ongoing *

The Pretreatment (PT) Facility will separate radioactive tank waste into High Level Waste and Low-Activity Waste fractions and transfer each waste type to the respective vitrification facility for immobilization. As of September 2012, the PT Facility was 56 percent complete overall, with engineering design 85 percent complete, procurement 56 percent complete, construction 43 percent complete, and startup and commissioning 3 percent complete. Construction, procurement, and production engineering activities remain on hold, resulting in no change to the percent completion status since September 2012. BNI continues to focus on resolving technical issues, performing hazard analyses, and completing safety evaluations for process systems in accordance with the 2-year Interim Work Plan.

The Design Completion Team continues to evaluate open technical issues for resolution. Construction of the mixing test platform continues in preparation for full-scale testing. Engineering specifications for the full-scale testing have been prepared and are undergoing a multi-discipline review, and the national labs are developing a test plan, simulant, and instrumentation requirements. Evaluations are ongoing to determine the existing redundancy in case of failures in the black cells, and available technologies to support in-service inspection are being reviewed.

DOE has asked BNI to perform an impact evaluation for a potential change to the natural phenomenon hazards design criteria that would double the ashfall criteria. This design criteria revision has the potential to impact facility and HVAC system design.

Significant Past Accomplishments:

- Design Completion Team activities completed:
  - Statement of Work (SOW) for initial erosion testing
  - Review of national laboratory plans for full-scale vessel testing (RLD-8)
  - Quality Assurance MOU between DOE, BNI, and National Laboratories approved
- Completed structural evaluation of the vessel bottom heads for HLP-27A/B and 28, which recommends only minor changes to the vessel bottom heads
- Completed independent review of the seismic design of the grooved coupling for firewater piping that may require some piping span modification

Significant Planned Actions in the Next Six Months:

- Perform independent review of the potential for criticality in vessels
- Review flammable gas generation, retention, and release from sediments in vessels
- Develop decision process for vessel structural modifications
- Develop vessel specific particle characteristics report for erosion/corrosion
- Perform testing of pulse jet mixing control strategy using the 8-ft vessel mixing test platform
- Issue engineering specification for vessel testing
- Complete update of the 2-Year Interim Work Plan to incorporate path forward

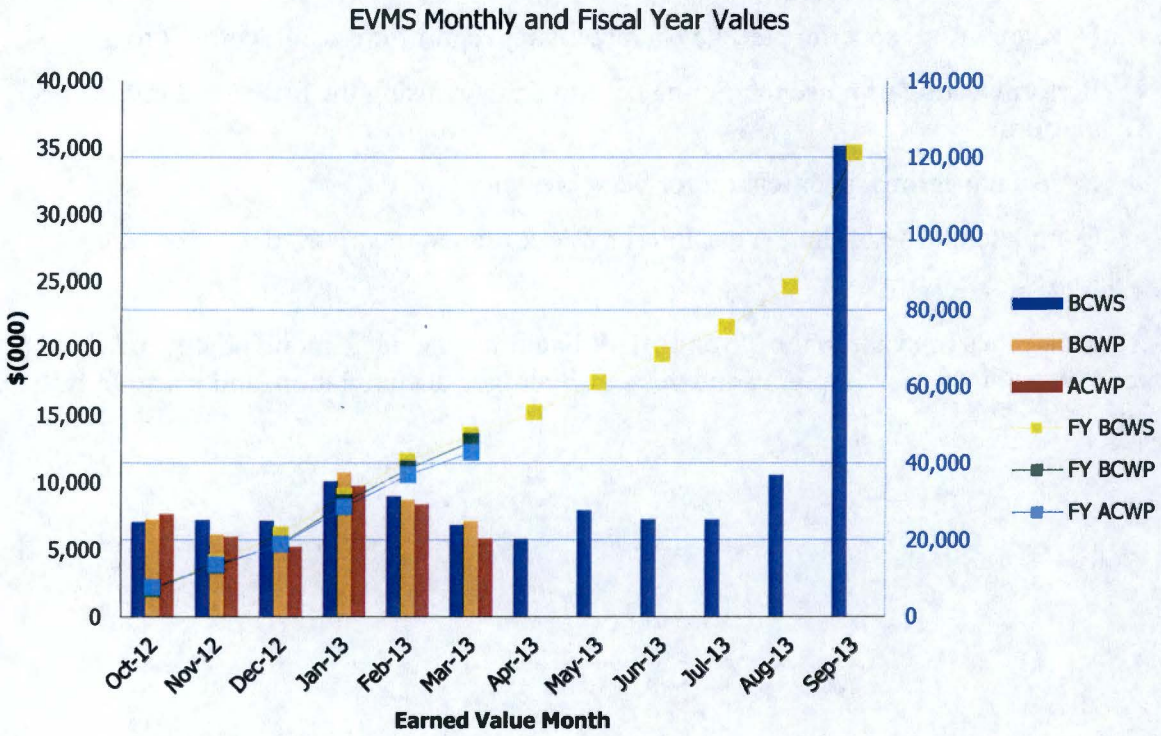
Issues:

* Technical issues relevant to the PT and HLW Facilities include, among others, pulse jet mixers, corrosion/erosion in piping and vessels, hydrogen accumulation, and waste feed issues.

EXC-01a: Fiscal Year Cost and Schedule Report

Data Set: FY 2013 Earned Value Data Data as of: March 2013

River Protection Project
Pretreatment Facility



Earned Value Month	BCWS	BCWP	ACWP	SPI	CPI	FY BCWS	FY BCWP	FY ACWP	FY SPI	FY CPI
Oct 2012	$7,077	$7,269	$7,660	1.03	0.95	$7,077	$7,269	$7,660	1.03	0.95
Nov 2012	$7,200	$6,130	$5,974	0.85	1.03	$14,277	$13,399	$13,634	0.94	0.98
Dec 2012	$7,163	$5,619	$5,230	0.78	1.07	$21,440	$19,018	$18,864	0.89	1.01
Jan 2013	$10,097	$10,759	$9,756	1.07	1.10	$31,537	$29,777	$28,620	0.94	1.04
Feb 2013	$8,994	$8,716	$8,382	0.97	1.04	$40,531	$38,493	$37,002	0.95	1.04
Mar 2013	$6,839	$7,142	$5,831	1.04	1.22	$47,370	$45,635	$42,833	0.96	1.07
Apr 2013	$5,798					$53,168				
May 2013	$7,928					$61,096				
Jun 2013	$7,266					$68,362				
Jul 2013	$7,235					$75,597				
Aug 2013	$10,547					$86,143				
Sep 2013	$35,145					$121,288				
PTD	$1,457,836	$1,456,102	$1,453,300	1.00	1.00					

HIGH-LEVEL WASTE FACILITY

Number	Title	Due Date	Status
D-00A-21	Complete Construction of Structural Steel to 37' in HLW Facility	12/31/2012	Complete
D-00A-02	HLW Facility Construction Substantially Complete	12/31/2016	Ongoing *
D-00A-03	Start HLW Facility Cold Commissioning	6/30/2018	Ongoing *
D-00A-04	HLW Facility Hot Commissioning Complete	12/31/2019	Ongoing *

The High Level Waste (HLW) Facility will receive the separated high-level waste concentrate from the PT Facility. This concentrate will be blended with glass formers and converted into molten glass in one of the two HLW melters and then poured into cylindrical stainless steel canisters. After cooling, the canisters will be sealed and decontaminated prior to shipment to interim storage. As of September 2012, the HLW Facility is 62 percent complete overall, with engineering design 89 percent complete, procurement 81 percent complete, construction 43 percent complete, and startup and commissioning 4 percent complete. Construction, procurement, and production engineering activities have significantly slowed down, resulting in minimal change to the percent completion status since September. BNI continues to focus on resolving technical issues, performing hazard analyses, and completing safety evaluations for process systems in accordance with the 2-year Interim Work Plan.

The Design Completion Team continues to evaluate open technical issues for resolution. Construction activities include the placement of walls at the 37-ft elevation, installation of structural steel at the 58-ft elevation, and installation of cable tray supports and ventilation ducts at the 14-ft elevation. Engineering efforts are focused on resolution of Priority Level 1 findings and support for the Reliability Validation Process (RVP). Environmental and Nuclear Safety continue to update the Preliminary Documented Safety Analysis (PDSA).

BNI is reviewing and analyzing the issues identified in RVP (Wave 1) to develop a path forward for issue resolution. Project issue evaluation reports (PIER) are developed to track resolution of the issues and corrective actions are being identified. BNI has started the second phase of RVP (Wave 2), which includes review of the HLW C5V system.

Significant Past Accomplishments:

- Received the prototype design and testing proposals for the HEPA filter
- Initiated installation of 58-ft structural steel
- Developed corrosion/erosion risk evaluation process for HLW black cell equipment

Significant Planned Actions in the Next Six Months:

- Award contract(s) for prototype design/fabrication of HEPA filters
- Award contract for HEPA filter testing
- Complete RVP reviews
- Complete review of fabrication of the thermal catalytic oxidizer

- Develop plan to close technical issues and other issues (e.g., safety basis compliance, quality assurance issues, and design defensibility) of HLW in calendar year 2013

Issues:

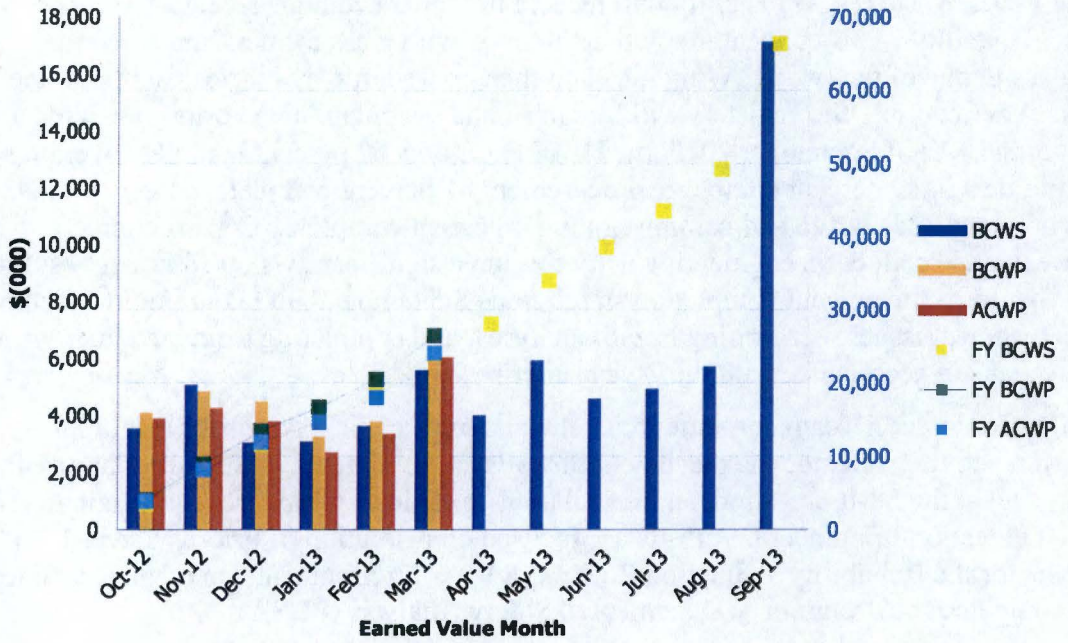
* Technical issues relevant to the PT and HLW Facilities include, among others, pulse jet mixers, corrosion/erosion in piping and vessels, hydrogen accumulation, and waste feed issues.

EXC-01a: Fiscal Year Cost and Schedule Report

Data Set: FY 2013 Earned Value Data Data as of: March 2013

River Protection Project
High-Level Waste Facility

EVMS Monthly and Fiscal Year Values



Earned Value Month	BCWS	BCWP	ACWP	SPI	CPI	FY BCWS	FY BCWP	FY ACWP	FY SPI	FY CPI
Oct 2012	$3,545	$4,105	$3,895	1.16	1.05	$3,545	$4,105	$3,895	1.16	1.05
Nov 2012	$5,079	$4,852	$4,256	0.96	1.14	$8,624	$8,957	$8,151	1.04	1.10
Dec 2012	$3,054	$4,496	$3,795	1.47	1.18	$11,678	$13,453	$11,946	1.15	1.13
Jan 2013	$3,092	$3,266	$2,714	1.06	1.20	$14,770	$16,719	$14,660	1.13	1.14
Feb 2013	$3,639	$3,791	$3,362	1.04	1.13	$18,409	$20,510	$18,022	1.11	1.14
Mar 2013	$5,595	$5,953	$6,053	1.06	0.98	$24,004	$26,463	$24,075	1.10	1.10
Apr 2013	$4,009					$28,013				
May 2013	$5,943					$33,956				
Jun 2013	$4,594					$38,550				
Jul 2013	$4,941					$43,491				
Aug 2013	$5,722					$49,213				
Sep 2013	$17,135					$66,348				
PTD	$946,137	$948,592	$946,207	1.00	1.00					

LOW-ACTIVITY WASTE (LAW) FACILITY

Number	Title	Due Date	Status
D-00A-07	LAW Facility Construction Substantially Complete	12/31/2014	Ongoing** (see issues below)
D-00A-08	Start LAW Facility Cold Commissioning	12/31/2018	Ongoing
D-00A-09	LAW Facility Hot Commissioning Complete	12/31/2019	Ongoing

The Low-Activity Waste (LAW) Facility will vitrify LAW from the Pretreatment (PT) Facility. Waste will be mixed with glass formers, vitrified into glass at a design capacity of 30 metric tons per day, and placed in stainless steel containers that are anticipated to be disposed on the Hanford Site in the Integrated Disposal Facility. As of March 2013, the LAW Facility is 63 percent complete overall, with engineering design 77 percent complete, procurement 85 percent complete, construction 64 percent complete, and startup and commissioning is 5 percent complete.

Significant Past Accomplishments:

- Completed placement of the castable refractory in Melter 1 & 2
- Completed 25% of piping hydro testing
- Installed the adjustable speed drives for the C5 exhaust fans
- Installed the transport bogie power supply panels

Significant Planned Actions in the Next Six Months:

- Complete installation melter power supplies
- Complete installation of Auto Sampling (ASX) system
- Receive HEPA Pre-heaters for LAW Secondary Offgas/Vessel Vent Process (LVP) system
- Continue refractory brick installation in the melters
- Complete hazard analysis for the melter and container handling systems

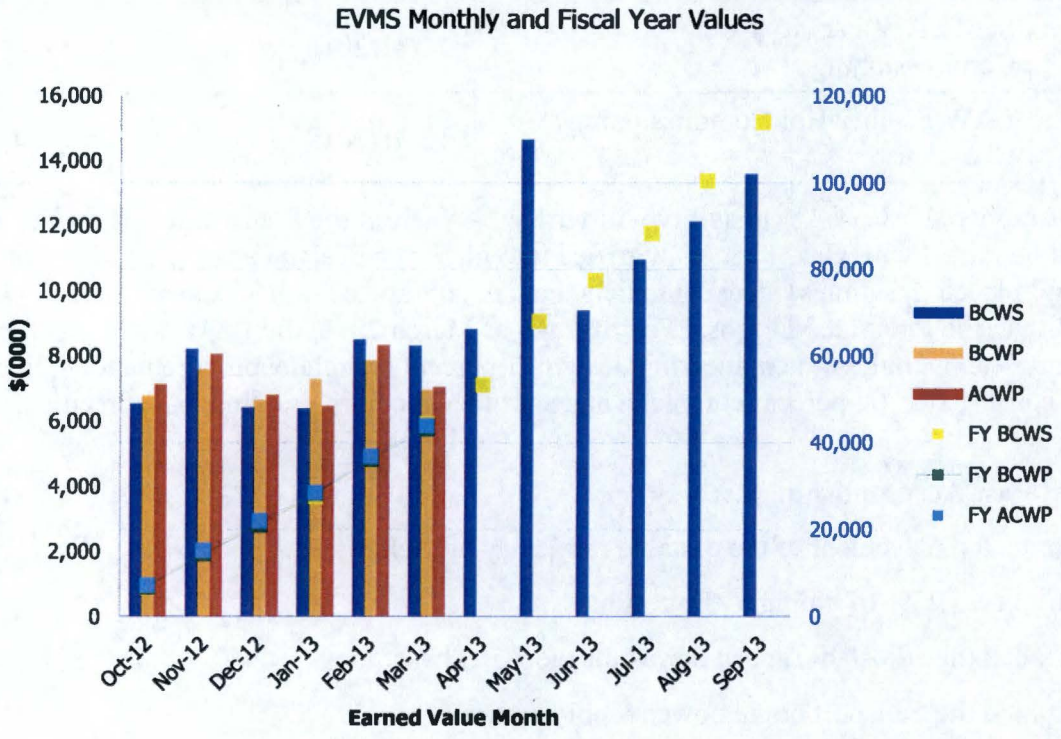
Issues:

**Impacts resulting from fiscal control point alignment issues for the LAW facility.

EXC-01a: Fiscal Year Cost and Schedule Report

Data Set: FY 2013 Earned Value Data Data as of: March 2013

River Protection Project
Low-Activity Waste Facility



Earned Value Month	BCWS	BCWP	ACWP	SPI	CPI	FY BCWS	FY BCWP	FY ACWP	FY SPI	FY CPI
Oct 2012	$6,536	$6,787	$7,142	1.04	0.95	$6,536	$6,787	$7,142	1.04	0.95
Nov 2012	$8,212	$7,602	$8,071	0.93	0.94	$14,748	$14,389	$15,213	0.98	0.95
Dec 2012	$6,418	$6,648	$6,814	1.04	0.98	$21,166	$21,037	$22,027	0.99	0.96
Jan 2013	$6,392	$7,303	$6,469	1.14	1.13	$27,558	$28,340	$28,496	1.03	0.99
Feb 2013	$8,503	$7,873	$8,338	0.93	0.94	$36,061	$36,213	$36,834	1.00	0.98
Mar 2013	$8,316	$6,966	$7,054	0.84	0.99	$44,377	$43,179	$43,888	0.97	0.98
Apr 2013	$8,826					$53,202				
May 2013	$14,674					$67,876				
Jun 2013	$9,402					$77,279				
Jul 2013	$10,967					$88,246				
Aug 2013	$12,145					$100,391				
Sep 2013	$13,606					$113,997				
PTD	$738,087	$740,168	$792,434	1.00	0.93					

BALANCE OF FACILITIES (BOF)

Number	Title	Due Date	Status
D-00A-12	Steam Plant Construction Complete	12/31/2012	Complete

The Balance of Facilities (BOF) provides services and utilities to support operation of the main production facilities – PT, HLW, LAW, and LAB. As of March 2013, the BOF is 55 percent complete overall, with engineering design 77 percent complete, procurement 72 percent complete, construction 72 percent complete, and startup and commissioning is 10 percent complete.

Significant Past Accomplishments:

- Startup accepted BOF switchgear building 91 Medium Voltage Electrical (MVE-B-02) turnover from Construction
- Installed cathodic protection stations B2 and B3

Significant Planned Actions in the Next Six Months:

- Complete construction of WTP Chiller Compressor Plant
- Complete the component and functional testing of the low voltage, medium voltage, and fire detection systems for Switchgear Buildings 87 and 91
- Complete construction of the Glass Former Storage Facility

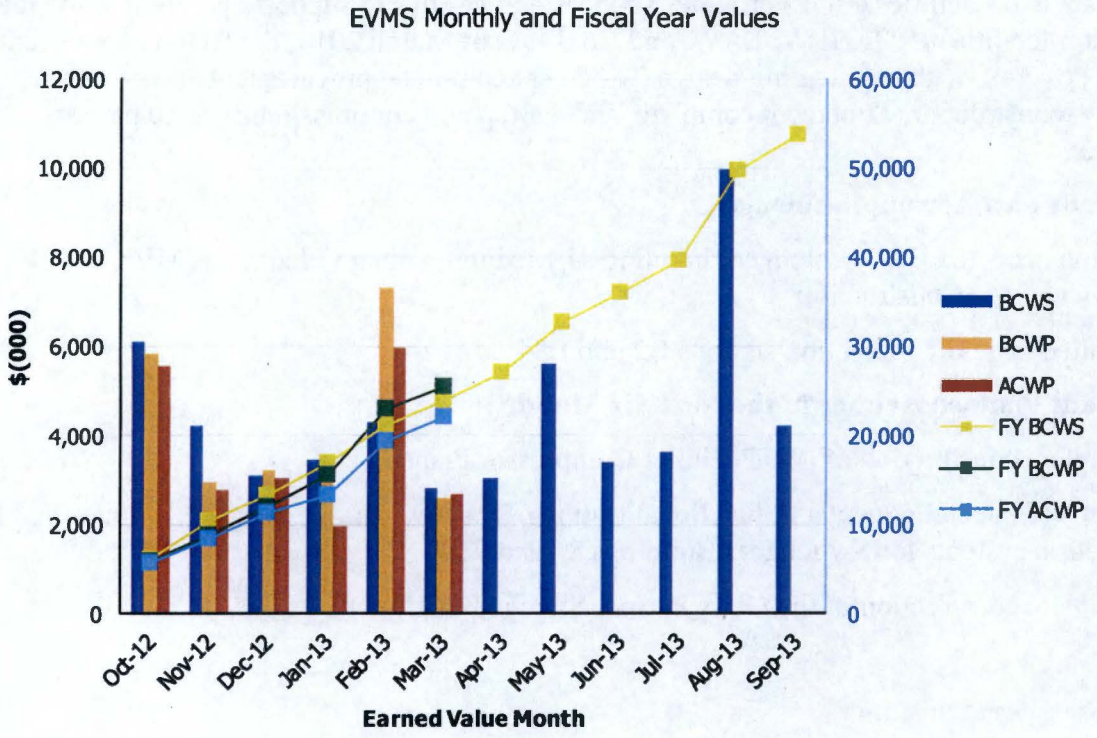
Issues:

No major issues at this time

EXC-01a: Fiscal Year Cost and Schedule Report

Data Set: FY 2013 Earned Value Data Data as of: March 2013

River Protection Project
Balance of Facilities



Earned Value Month	BCWS	BCWP	ACWP	SPI	CPI	FY BCWS	FY BCWP	FY ACWP	FY SPI	FY CPI
Oct 2012	$6,106	$5,820	$5,580	0.95	1.04	$6,106	$5,820	$5,580	0.95	1.04
Nov 2012	$4,226	$2,955	$2,775	0.70	1.06	$10,332	$8,775	$8,355	0.85	1.05
Dec 2012	$3,077	$3,213	$3,026	1.04	1.06	$13,409	$11,988	$11,381	0.89	1.05
Jan 2013	$3,452	$3,559	$1,970	1.03	1.81	$16,861	$15,547	$13,351	0.92	1.16
Feb 2013	$4,286	$7,315	$5,963	1.71	1.23	$21,147	$22,862	$19,314	1.08	1.18
Mar 2013	$2,799	$2,588	$2,675	0.92	0.97	$23,946	$25,450	$21,989	1.06	1.16
Apr 2013	$3,054					$27,000				
May 2013	$5,611					$32,611				
Jun 2013	$3,418					$36,029				
Jul 2013	$3,638					$39,667				
Aug 2013	$9,955					$49,622				
Sep 2013	$4,223					$53,846				
PTD	$299,694	$301,035	$295,921	1.00	1.02					

ANALYTICAL LABORATORY

Number	Title	Due Date	Status
D-00A-05	LAB Construction Substantially Complete	12/31/2012	Complete

The Analytical Laboratory (LAB) will support WTP operations by analyzing feed, vitrified waste, and effluent streams. As of March 2013, the LAB is 68 percent complete overall, with engineering design 75 percent complete, procurement 85 percent complete, construction 81 percent complete, and startup and commissioning is 22 percent complete.

Significant Past Accomplishments:

- Awarded contract for repairs of Radioactive Liquid Waste Disposal System (RLD) vessels 163, 164, and 165 to Chicago Bridge & Iron (CBI)
- 38% complete on flushing pipe spools
- 22% complete on puling cable for LAB

Significant Planned Actions in the Next Six Months:

- Receive instrument and transport lines for the exhaust stack monitors
- Complete electrical engineering design for the analytical laboratory
- Terminating cable for the HVAC air-handling units and adjustable speed drives (ASDs)
- Complete repairs to RLD vessels

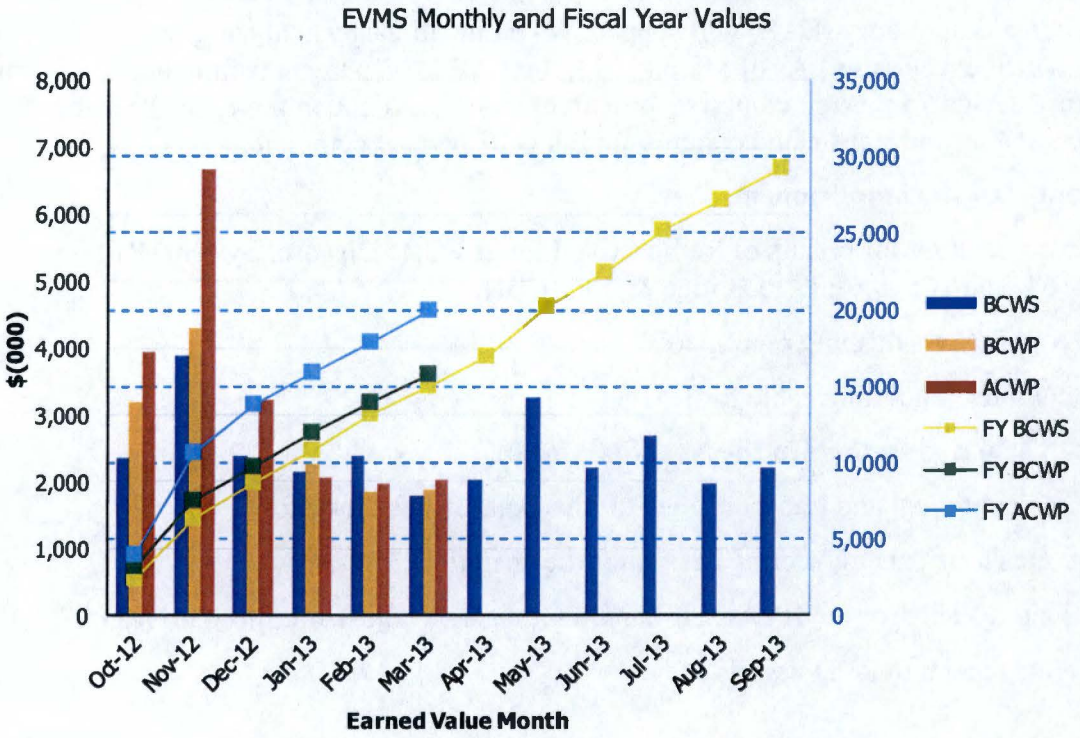
Issues:

No major issues at this time.

EXC-01a: Fiscal Year Cost and Schedule Report

Data Set: FY 2013 Earned Value Data Data as of: March 2013

River Protection Project
Analytical Laboratory



Earned Value Month	BCWS	BCWP	ACWP	SPI	CPI	FY BCWS	FY BCWP	FY ACWP	FY SPI	FY CPI
Oct 2012	$2,370	$3,183	$3,952	1.34	0.81	$2,370	$3,183	$3,952	1.34	0.81
Nov 2012	$3,896	$4,303	$6,675	1.10	0.64	$6,266	$7,486	$10,627	1.19	0.70
Dec 2012	$2,381	$2,257	$3,219	0.95	0.70	$8,647	$9,743	$13,846	1.13	0.70
Jan 2013	$2,137	$2,270	$2,052	1.06	1.11	$10,784	$12,013	$15,898	1.11	0.76
Feb 2013	$2,387	$1,852	$1,977	0.78	0.94	$13,171	$13,865	$17,875	1.05	0.78
Mar 2013	$1,783	$1,879	$2,044	1.05	0.92	$14,954	$15,744	$19,919	1.05	0.79
Apr 2013	$2,021					$16,975				
May 2013	$3,258					$20,232				
Jun 2013	$2,212					$22,444				
Jul 2013	$2,688					$25,132				
Aug 2013	$1,964					$27,096				
Sep 2013	$2,220					$29,316				
PTD	$220,880	$222,815	$243,275	1.01	0.92					

Waste Treatment Plant Project - (LBL) Percent Complete Status
Through March 2013

(Dollars - Millions)	Overall Facility Percent Complete Unallocated Dollars			Design/Engineering Unallocated Dollars			Procurement Unallocated Dollars			Construction Unallocated Dollars			Startup & Plant Operations Unallocated Dollars		
Facilities	Performance Measurement Baseline (PMB)	Budgeted Cost of Work Performed (BCWP)	% Complete	Performance Measurement Baseline (PMB)	Budgeted Cost of Work Performed (BCWP)	% Complete	Performance Measurement Baseline (PMB)	Budgeted Cost of Work Performed (BCWP)	% Complete	Performance Measurement Baseline (PMB)	Budgeted Cost of Work Performed (BCWP)	% Complete	Performance Measurement Baseline (PMB)	Budgeted Cost of Work Performed (BCWP)	% Complete
Low-Activity Waste	1,180.1	740.2	63%	297.5	228.1	77%	259.2	220.4	85%	445.7	283.3	64%	177.7	8.4	5%
Analytical Lab	327.9	222.8	68%	69.9	52.4	75%	54.5	46.4	85%	134.7	109.1	81%	68.8	14.9	22%
Balance of Facilities	542.5	301.0	55%	91.6	70.6	77%	71.3	51.6	72%	224.8	161.2	72%	154.7	15.7	10%
Total LBL	2,050.5	1,264.0	62%	459.0	351.1	76%	385.0	318.4	83%	805.3	553.6	69%	401.2	39.0	10%
PT/HLW/SS Percent Complete Status Frozen as of September 2012 (due to project rebaselining efforts)															
High-Level Waste	1,478.6	922.1	62%	364.4	325.2	89%	433.9	349.4	81%	561.1	243.2	43%	119.2	4.4	4%
Pretreatment	2,517.3	1,410.5	56%	761.7	645.8	85%	679.9	380.4	56%	890.0	378.6	43%	185.8	5.6	3%
Shared Services	4,726.9	3,632.6	77%	1,047.0	977.9	93%	451.7	395.0	87%	1,436.5	1,143.0	80%	453.5	133.2	29%
Total WTP w/o UB	n/a	n/a	67%	n/a	n/a	87%	n/a	n/a	73%	n/a	n/a	62%	n/a	n/a	15%
Undistributed Budget	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Total WTP	n/a	n/a	67%	n/a	n/a	87%	n/a	n/a	73%	n/a	n/a	62%	n/a	n/a	15%

Source: Preliminary WTP Contract Performance Report - Format 1, Data for Mar 2013

Note: In September 2012, the LBL Replan was incorporated into the project OTB baseline resulting in increases/decreases to the LBL facility budgets, which correspondingly increased/decreased the facility/function to-date percent complete values. In October 2012, the PT/HLW/SS Interim Work Plan was incorporated into the project OTB baseline resulting in decreases to the PT/HLW/SS facility budgets, this was due to a work scope shift from the Distributed budget to UB. Percent Complete Values shown for PT, HLW and SS have been frozen with the September 2012 values due to the Interim Work Plan and budgets being moved into UB. UB value for the project for PT/HLW/SS is $1,983M.