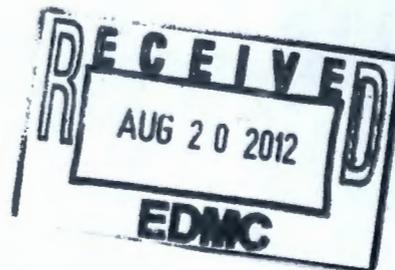


**FINAL**

Office of River Protection  
Tri-Party Agreement  
Monthly Summary Report  
August 2012



Office of River Protection  
Tri-Party Agreement Milestone Review  
August 2012

Page	Topic	Leads
1	Administrative Items / Milestone Status	James Lynch / Dan McDonald / Jeff Lyon
2	Single-Shell Tank Corrective Action; M-45, -50, -60	Chris Kemp / Jeff Lyon
4	Single-Shell Retrieval and Closure Program TPA Milestones Status; M-45-00 series, - Tank in Appendix H Status - Tank Retrievals with Individual Milestones	Chris Kemp / Jeff Lyon
7	C-Farm Critical Path	Kathy Higgins / Jeff Lyon
10	242-A Evaporator Status	Ron Koll / Jeff Lyon
11	SST Integrity Assurance; M-45-91	Jeremy Johnson/ Michelle Hendrickson
13	In Tank Characterization and Summary	Jeremy Johnson / Michael Barnes
15	Tank Operations Contract (TOC) Overview	Janet Diediker / Jeff Lyon
21	Acquisition of New Facilities; M-90-00; M-47-00	Janet Diediker / Jeff Lyon / Dan McDonald
22	Supplemental Treatment and Part B Permit Applications; M-62-00, -20, -30, -45	Steve Pfaff / Jeff Lyon / Dan McDonald
23	System Plan; M-62-40	Dabrisha Smith / Jeff Lyon / Dan McDonald
24	WTP Overall TPA Summary and Milestone Status; M-62-01	Delmar Noyes / Dan McDonald



Milestone	Title	Due Date	Completion Date	Status
<b>Fiscal Year 2012</b>				
M-062-40B	Submit System Plan	10/31/2011	10/21/2011	Completed
M-062-49	Sub. Report to ECY Demonstrating WTP Design Meets Vit. Criteria	10/31/2011	10/27/2011	Completed
M-045-91B	DOE Submit a Sampling and Analysis Plan to Ecology	12/30/2011	9/20/2011	Completed
M-045-92F	Meet Yearly on Performance of Barrier	12/31/2011	11/30/2011	Completed
M-045-91G-T02	Provide AOR Final Doc. for SSTs on 750,000 Gallon Tanks	1/31/2012	11/18/2011	Completed
M-062-01X	Submit Semi-Annual Project Compliance Report	1/31/2012	1/27/2012	Completed
M-045-91D	Submit Analytical Test Plan for Cores Removed from C-107 Plug	3/31/2012	6/27/2011	Completed
M-045-91G-T06	Provide Report of the Visual Inspection of 12 SSTs M-045-91G-T05	3/31/2012	03/12/2012	Completed
M-045-92M	Barrier 2 Design/Monitoring Submittal to Ecology	6/30/2012	5/19/2011	Completed
M-047-06	Comp. Neg's of No More Than 2 Interim Milestones	6/30/2012	Missed	Missed
M-062-01Y	Submit Semi-Annual Project Compliance Report	7/31/2012	7/27/2012	Completed
M-045-56H	Meet Yearly to Discuss Interim Measures	7/31/2012	6/21/2012	Completed
<b>Fiscal Year 2013</b>				
M-045-20	Submit Interim Measures Investigation Work Plan and TPA Chg Pckgs for M-045-22 Target Dates	12/31/2012		On Schedule
M-090-11	Comp. Neg's No More Than 2 Canister Storage Fac. Const. Int. M/S	12/31/2012		To Be Missed
M-062-01Z	Submit Semi-Annual Project Compliance Report	1/31/2013		On Schedule
M-045-91F-T01	Provide Report of the Liquid Leak Rate Assessments	1/31/2013		At Risk
M-045-21	Submit Sampling and Analysis Plan for 241-TX Tank Farm	3/31/2013		On Schedule
M-045-91D-T01	Provide Report on the Concrete Dome Samples from Tank C-107 Plug	5/31/2013		On Schedule
M-045-91F-T03	Provide Report on Testing for Ionic Conductivity of SSTs	5/31/2013	05/02/2012	Completed
M-045-91F-T02	Provide Report of Liner Failures for SSTs	7/31/2013		At Risk
M-045-91F-T04	Provide Report on 100-Series SSTs as having Leaked in RPP-32681	7/31/2013		At Risk
M-045-91E	Provide SST Farms Dome Deflection Surveys Every Two Years	9/30/2013		On Schedule
M-045-91G-T03	Provide AOR Final Doc. for SSTs on 1,000,000 Gallon Tanks	9/30/2013		At Risk

## WBS 5.2 Retrieve and Close Single Shell Tanks

**M-045-20, Submit Interim Measure Investigation Work Plan to Ecology, Due: 12/31/12, Status: On Schedule.** ORP will submit to Ecology for review and approval an interim measures investigation work plan for vadose zone characterization at 241-TX Farm and 241-U Farm, and soil desiccation/contaminant removal proof-of-principal test at 241-SX Farm. The work plan will also be submitted with a TPA Change Package to establish milestone due date for M-045-22 and target dates for submittal of three secondary documents, see M-045-22-T01, -T02, and -T03. Added per TPA change package M-45-12-04.

**M-045-21, Submit for Review and Approval a Sampling and Analysis Plan to Ecology for Soil Samples for 241-TX Tank Farm Investigation, Due: 03/31/2013, Status: On Schedule.** Further description of this SAP will be provided in the Work Plan submitted under M-045-20. Added per TPA change package M-45-12-04.

**M-045-22-T01, Submit Results of Vadose Zone Characterization of 241-TX to Ecology, Due: TBD based on M-045-20 TPA Change Package Submittal, Status: On Schedule.** Added per TPA change package M-45-12-04.

**M-045-22-T02, Submit Results of Vadose Zone Characterization of 241-U to Ecology, Due: TBD based on M-045-20 TPA Change Package Submittal, Status: On Schedule.** Added per TPA change package M-45-12-04.

**M-045-22-T03, Submit SX Soil Desiccation/Contaminant Removal Tech Results to Ecology, Due: TBD based on M-045-20 TPA Change Package Submittal, Status: On Schedule.** Added per TPA change package M-45-12-04.

**M-045-22, Review M-045-22-T03 Report and Determine Path Forward, Due: TBD based on M-045-20 TPA Change Package Submittal, Status: On Schedule.** This ORP/Ecology decision point will determine whether to continue with soil desiccation/contaminant removal testing and other interim measures, and if remaining work in Milestone M-045-92 should be modified. Added per TPA change package M-45-12-04.

**M-045-56H, Complete Implementation of Agreed to Interim Measures (Meet Yearly to Discuss Interim Measures), Due: 07/31/2012, Status: Completed 06/21/2012.** The annual M-045-56 meeting was held June 21, 2012. Meeting minutes have been signed and are being placed into the TPA Administrative Record.

**M-045-58, Submit to Ecology for Review and Approval as an Agreement primary document, a phase 2 CMS Master Work Plan, Due: 12/31/2008 Status: Complete.** The outstanding issues involved integration of RCRA and CERCLA requirements, and the definition of a schedule for future RFI/CMS Work Plan development and implementation. With the development of the RCRA/CERCLA Integration White Paper (under M-045-80), it is now understood that the path to soil corrective measures implementation involves a modification to the RCRA Permit for SST Closure, and a ROD to address the CERCLA requirements. In addition, modifications to milestone M-045-84 and M-045-85 have now been made to explicitly define the requirements for schedule development for future RFI/CMS Work Plans, RFI/CMSs

and Corrective Measures Implementation Plans. Thus all outstanding issues for the M-045-58 deliverable have been addressed, and this milestone may be considered closed. Ecology is preparing a letter on this milestone. After this deliverable is closed via Ecology's letter, future updates will be tracked on the ORP Key Documents List.

**M-045-59, Control surface water infiltration pathways as needed to control or significantly reduce the likelihood of migration of subsurface contamination to groundwater at the SST WMAS (pending the CMS report, milestone M-45-58, and implementation of other interim corrective measures), Due: TBD, Status: On Schedule**

**M-045-61, Submit to Ecology for review and approval as an Agreement primary document a Phase 2 RFI/CMS Report for WMA C, Due: 12/31/2014, Status: On Schedule**

**M-045-62, Submit to Ecology for review and approval as an Agreement primary document a Phase 2 Corrective Measures Study Report for WMA C, Due: 06/30/2015, Status: On Schedule**

**M-045-92, DOE and Ecology will establish selection criteria for installation of additional interim barriers at additional WMAs (beyond the T-106 and TY barriers), Due: 09/30/2017, Status: On Schedule.** This milestone date has been modified according to M-45-12-04 and the decision to move forward with construction/design of additional barriers dependent on discussions per M-045-22.

**M-045-92N, Construct Barriers 1 and 2 in 241-SX Farm Due: 10/31/15, Status: On Schedule.** The decision to move forward with construction/design of additional barriers is dependent on discussions per M-045-22.

**M-045-92O, Submit a Final Design and Monitoring Plan for Interim Barrier 3 Due: 06/30/15, Status: On Schedule.** The decision to move forward with construction/design of additional barriers is dependent on discussions per M-045-22.

**Significant Past Accomplishments:**

- Automated data collection system for T-Farm interim barrier monitoring continues gathering data.
- Automated data collection system for TY Interim Barrier monitoring continues gathering data.
- Developed an outline of the Work Plan for interim measures for M-045-20.

**Significant Planned Actions in the Next Six Months:**

- Perform planning for Fiscal Year 2013 Interim Measures activities.
- Publish results of evaluation of barrier monitoring data, and recommend changes to future monitoring plan for TY barrier.
- Perform verification and validation of the laboratory analysis of direct push soil samples previously obtained in C farm.
- Provide the Work Plan for interim measures for M-045-20.
- Initiate field work under the M-045-20 work plan.

**Issues:**

Initial planning for FY2013 shows that continued constraints may affect out-year milestones, including M-45-61, Submit to Ecology for review and approval as an Agreement primary document a Phase 2 RFI/CMS Report for WMA C, Due: 12/31/2014.

## SST Retrieval and Closure Program

**M-045-101, Submit to Ecology as a primary document a report on all catch tanks and associated pipelines in the SST System Part A, Due: 12/27/2010, Status: Complete.** Document transmitted from ORP to Ecology via letter 10-TPD-176 on 12/28/2010. Comments were transmitted from Ecology to ORP on May 27, 2011, via letter 11-NWP-048. ORP requested one extension to the comment resolution period to December 5, 2011. Resolutions have been identified for all comments and the RCRs and redline provided to Ecology on 11/14/2011 with an extension date for Ecology response of March 15, 2012. Ecology and ORP met in May, June, and July identified a path to resolve remaining comments. The due date has been extended to August 31 to incorporate final changes.

**M-045-80, Complete those portions of C-200 Closure Demonstration Plan, Due: 1/31/2011 Status: Complete.** Four primary documents transmitted from ORP to Ecology via letter 10-TPD-166 on 12/28/10. Comments on three of the four documents were transmitted from Ecology to ORP on May 27, 2011, via letters 11-NWP-045, 11-NWP-047, and 11-NWP-051. ORP requested an extension, to December 5, 2011. Ecology requested additional time to review *Radioactive Waste Determination Process Plan for Waste Management Area C Tank Waste Residual* via 11-NWP-049. ORP transmitted responses on the C-301 Catch Tank Retrieval Feasibility Study (RPP-RPT-45723) to Ecology on November 8, 2011, via 11-TDP-085. ORP transmitted responses on the 241-C Tank Removal Study (RPP-RPT-47167) on November 9, 2011, via 11-TPD-084. ORP received Ecology comments on the *Radioactive Waste Determination Process Plan for Waste Management Area C Tank Waste Residuals* on December 7, 2011 and is evaluating comments. ORP transmitted responses for *The Waste Management Area C RCRA/CERCLA Integration White Paper* (RPP-PLAN-46459) on January 17, 2012 via 11-TF-151. ORP provided updated Draft WIR process paper with RCRs to Ecology on March 15<sup>th</sup>. Ecology and ORP agreed to meet to discuss comment resolution and extend the final resolution to the end of May. Ecology's comments were incorporated and Ecology has concurred with the changes. The final document was released to the TPA Admin Record on 07/18/2012. Future updates to any of these documents will be tracked on the ORP Key Documents List.

**M-045-81, Implement & complete all remaining activities in C-200 Closure Demonstration Plan, with any revisions agreed to by Ecology and DOE, and provide a report of the results of those activities, Due: 9/30/2014, Status: Complete.** The original C-200 Closure Demonstration Plan was revised and released as *Waste Management Area C Closure Demonstration Project Plan* (RPP-PLAN-46484, Revision 3). Ecology and DOE agreed to the changes in this revision of the plan in December 2011 Project Managers Meeting. The remaining deliverable specified in the closure demonstration plan was formally transmitted from ORP to ECY via letter 10-TPD-166 on 12/28/2010. Comments were transmitted from Ecology to ORP on June 1, 2011, via letter 11-NWP-052. ORP requested an extension, to December 5, 2011. Ecology and ORP met on 11/1, 11/14, and 11/17/2011 to resolve comments. ORP requested an extension to March 15, 2012 to incorporate comment resolutions. ORP provided updated Draft

Pipeline Feasibility Report and RCRs to Ecology on March 15<sup>th</sup>. Ecology and ORP met in May and June to resolve comments. All comments were resolved and the final document has been released as of 07/02/2012. Future updates to any of these documents will be tracked on the ORP Key Documents List.

**M-045-82, Submit complete permit mod requests for Tiers 1, 2, & 3 of the SST, Due: 9/30/2015 Status: On Schedule**

**M-045-84, Complete negotiations of TPA interim MS for closure of second WMA, Due: 1/31/2017, Status: On Schedule**

**M-045-83, Complete the closure of WMA C, Due: 6/30/2019, Status: On Schedule**

**M-045-85, Complete negotiations of TPA interim MS for closure of remaining WMAs, Due: 1/31/2022, Status: On Schedule**

**M-045-70, Complete waste retrieval from all remaining SSTs, Due: 12/31/2040, Status: On Schedule**

**M-045-00, Complete Closure of all Single Shell Tank Farms, Due: 1/31/2043, Status: On Schedule**

**M-045-86, Submit retrieval data report to Ecology for 19 tanks retrieved, Due: TBD (12 months after retrieval certification), Status: On Schedule**

**Significant Past Accomplishments:**

- See discussions above and related discussions in Consent Decree report.

**Significant Planned Activities in the Next Six Months:**

- See discussions above and related discussions in Consent Decree report.
- Work to discuss and resolve issues and comments associated with deliverables for M-45-101.

**Issues:**

USDOE is deferring the final numeric modeling supporting the WMA C performance assessment to 2013 due to budget constraints in 2012. Impacts of this delay are being incorporated into the critical path schedules. Initial budget guidance for FY2013 will not support continuing the WMA C-PA in 2013. Impacts on individual milestones will be evaluated and presented through the TPA Paragraphs 148/149 process. ORP intends to meet and discuss the path forward with Ecology.

## **Tank in Appendix H. Status - Single Shell Waste Retrieval Criteria**

### **Tank 241-C-106**

**Significant Past Accomplishments:**

None

**Significant Planned Activities in the Next Six Months:**

Continue U.S. Nuclear Regulatory Commission (NRC) review of the C-106 exception request. A Request for Additional Information (RAI) was received from the NRC in February 2009.

**Issues:**

It has been discussed with the NRC that much of the additional information requested is dependent upon development of C-Farm residual waste PA and, therefore, cannot be provided until the PA is published.

## **Tank Retrievals with Individual Milestones**

### **Tank 241-A-103**

**M-045-15, Completion of Tank A-103 SST Waste Retrieval**, Due: 9/30/22 Status: On schedule. Change package M-45-11-04 replaced tank S-102 with tank A-103 and changed to milestone completion date for M-045-15 to 09/30/2022.

**M-045-15A, Embedded Milestone, Submit a Retrieval Data Report Pursuant to Agreement Appendix I**, Due: 9/30/22, Status: On schedule. Updated with tank A-103 and due date of 9/30/22 per M-45-11-04 Change Package.

**M-045-15D, Embedded Milestone, if appropriate, DOE will request an exception to waste retrieval criteria pursuant to Agreement Appendix H**, Due: 9/30/22, Status: On Schedule. Updated with A-103 tank and due date of 9/30/22 per M-45-11-04 Change Package.

**Significant Past Accomplishments:**

- Change Package M-45-11-04 was signed by ORP and Ecology on 04/19/11.

**Significant Planned Activities in the Next Six Months:**

None

**Issues:**

None

### **Tank 241-S-112**

**M-045-13, Interim Completion of Tank S-112 SST Waste Retrieval and Closure Demonstration Project**, Due: TBD (in accordance with M-045-84 or M-045-85), Status: On Schedule

**M-045-13E, Complete Negotiations for Interim Milestones for Closure of S-112**, Due: TBD Status: On Schedule as part of M-045-84 or M-045-85.

**Significant Past Accomplishments:**

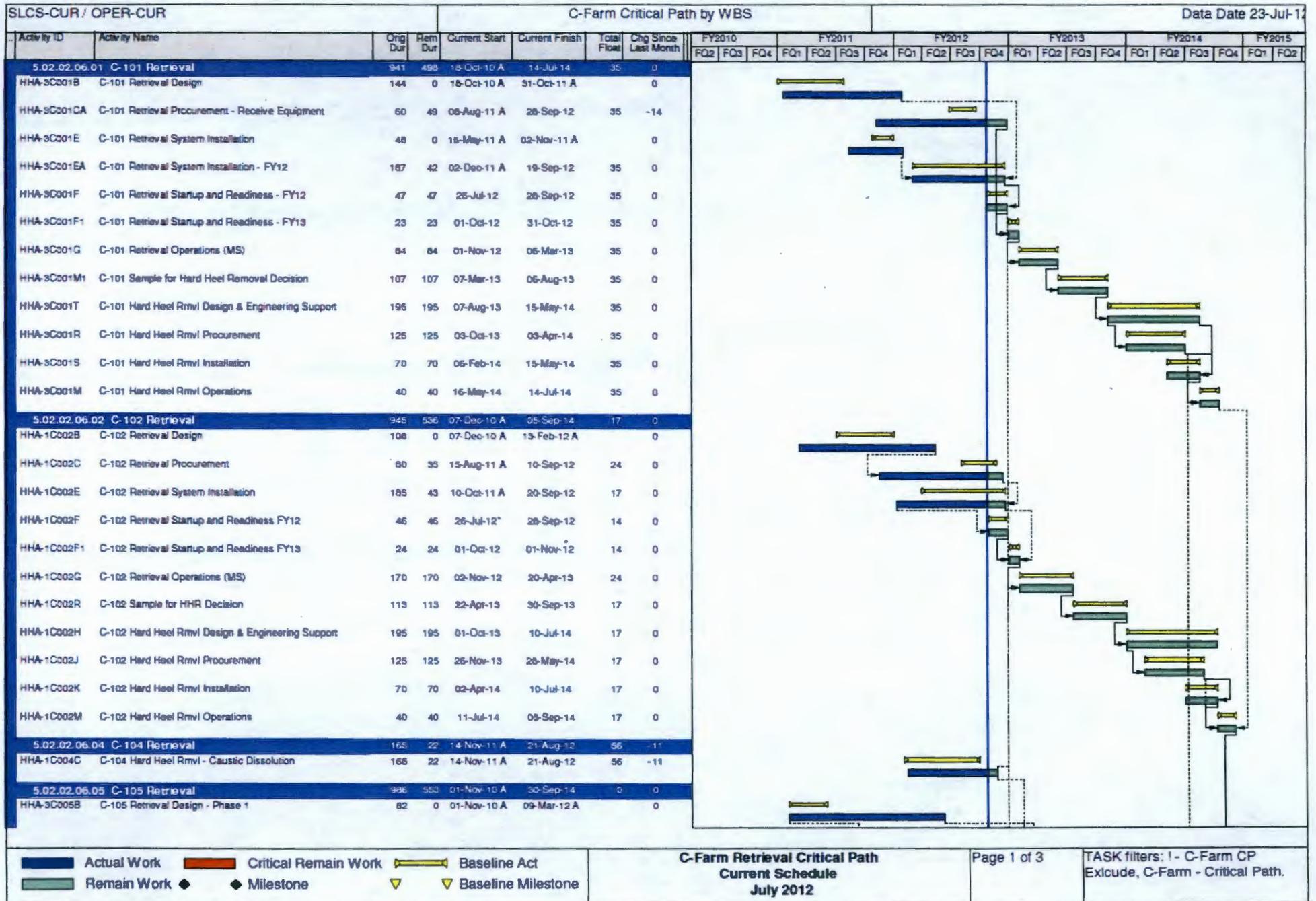
Ecology letter of January 7, 2008, concurred with ORP that retrieval of Tank S-112 is complete.

**Significant Planned Activities in the Next Six Months:**

None

**Issues:**

None

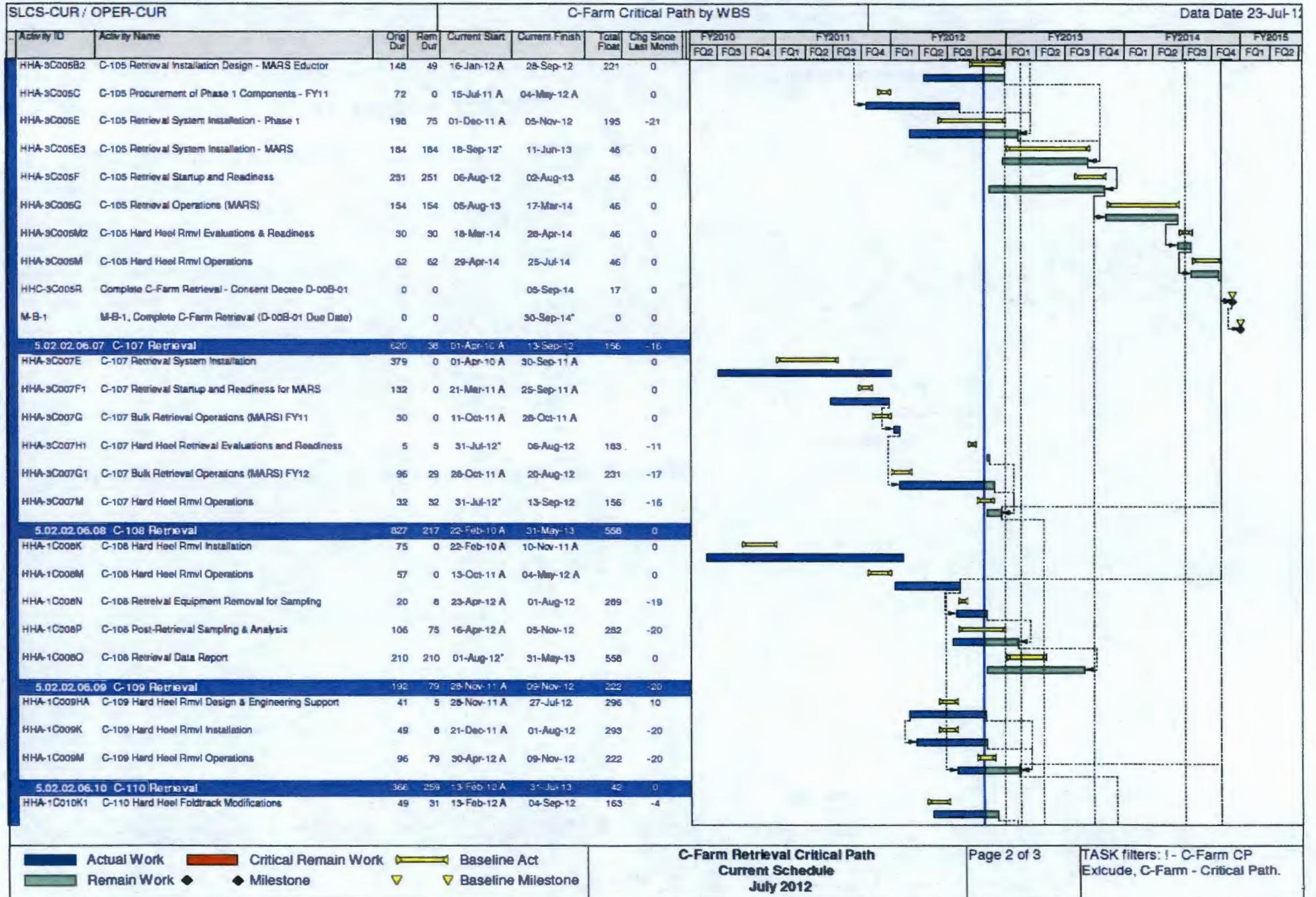


Actual Work   
  Critical Remain Work   
  Baseline Act  
 Remain Work   
  Milestone   
  Baseline Milestone

**C-Farm Retrieval Critical Path  
Current Schedule  
July 2012**

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TASK filters: 1 - C-Farm CP  
Exclude, C-Farm - Critical Path.



SLCS-CUR / OPER-CUR		C-Farm Critical Path by WBS										Data Date 23-Jul-12														
Activity ID	Activity Name	Orig Dur	Rem Dur	Current Start	Current Finish	Total Float	Chg Since Last Month	FY2010		FY2011				FY2012				FY2013				FY2014		FY2015		
								FQ2	FQ3	FQ4	FQ1	FQ2	FQ3	FQ4	FQ1	FQ2	FQ3	FQ4	FQ1	FQ2	FQ3	FQ4	FQ1	FQ2	FQ3	FQ4
HHA-1C010K	C-110 Hard Heel Rmvl Installation	42	48	22-Mar-12 A	27-Sep-12	146	1																			
HHA-1C010K2	C-110 Hard Heel Rmvl Installation	103	103	01-Oct-12	28-Feb-13	42	0																			
HHA-1C010M	C-110 Hard Heel Rmvl Operations	107	107	01-Mar-13	31-Jul-13	42	0																			
<b>5.02.02.06.11 C-111 Retrieval</b>		539	343	11-Oct-11 A	27-Nov-13	59	0																			
HHA-1C011R	C-111 Sample for HHR Decision	107	92	11-Oct-11 A	30-Nov-12	138	-43																			
HHA-1C011H	C-111 Hard Heel Rmvl Design & Engineering Support FY12	122	122	01-Oct-12*	27-Mar-13	59	0																			
HHA-1C011H1	C-111 Hard Heel Rmvl Design & Engineering Support FY13	110	110	28-Mar-13	30-Aug-13	59	0																			
HHA-1C011J1	C-111 Hard Heel Rmvl Procurement FY13	42	42	01-May-13	26-Jun-13	73	0																			
HHA-1C011K	C-111 Hard Heel Rmvl Installation	148	148	01-Feb-13	30-Aug-13	59	0																			
HHA-1C011M	C-111 Hard Heel Rmvl Operations	62	62	03-Sep-13	27-Nov-13	59	0																			
<b>5.02.02.06.12 C-112 Retrieval</b>		1037	425	18-Feb-10 A	31-Mar-14	68	0																			
HHA-1C012B	C-112 Retrieval Design	125	0	18-Feb-10 A	16-Dec-11 A	0	0																			
HHA-1C012E	C-112 Retrieval System Installation	144	0	03-Jan-11 A	22-Dec-11 A	0	0																			
HHA-1C012F	C-112 Retrieval Startup and Readiness	57	0	11-Jul-11 A	21-Dec-11 A	0	0																			
HHA-1C012G	C-112 Retrieval Operations (MS)	58	0	26-Dec-11 A	25-May-12 A	0	0																			
HHA-1C012R	C-112 Sample for HHR Decision FY12	84	99	29-May-12 A	11-Dec-12	298	0																			
HHA-1C012R1	C-112 Sample for HHR Decision FY13	34	34	12-Dec-12	31-Jan-13	298	-34																			
HHA-1C012H	C-112 Hard Heel Rmvl Design & Engineering Support	190	190	02-Jan-13*	30-Sep-13	130	0																			
HHA-1C012J	C-112 Hard Heel Rmvl Procurement	44	44	01-Jul-13	30-Aug-13	130	0																			
HHA-1C012K	C-112 Hard Heel Rmvl Installation	106	106	01-May-13	30-Sep-13	130	0																			
HHA-1C012M	C-112 Hard Heel Rmvl Operations	62	62	02-Jan-14*	31-Mar-14	68	0																			
<b>5.02.02.06.20 C-Farm Infrastructure DST Receiver Tank 4</b>		475	66	07-Dec-10 A	23-Oct-12	241	-5																			
HNA-2NFC0B	C-Farm Infrastructure DST Receiver Tank 4 Design	100	0	07-Dec-10 A	22-Feb-12 A	0	0																			
HNA-2NFC0BA	C-Farm Infrastructure DST Receiver Tank 4 Design	20	26	17-Nov-11 A	27-Aug-12	52	-19																			
HNA-2NFC0D	C-Farm Infrastructure AN-101 Upgrades - Construction	86	57	30-Apr-12 A	10-Oct-12	21	-5																			
HNA-2NFC0E	C-Farm Infrastructure AN-101 Upgrades Startup/Readiness	57	57	03-Aug-12	23-Oct-12	21	-5																			
HNA-2NFC0C5	C-Farm Infrastructure AN-106 HIHTL Procurement	87	10	16-Apr-12 A	03-Aug-12	293	-4																			
HNA-2NFC0D5	C-Farm Infrastructure AN-106 HIHTL Replacement	93	40	29-Mar-12 A	17-Sep-12	263	-8																			
HNA-2NFC0E1	C-Farm Infrastructure AN-106 HIHTL Replacement Startup/Readiness	15	15	31-Aug-12	21-Sep-12	263	-8																			

■ Actual Work    ■ Critical Remain Work    ▬ Baseline Act  
■ Remain Work    ◆ Milestone    ▼ Baseline Milestone

**C-Farm Retrieval Critical Path  
Current Schedule  
July 2012**

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TASK filters: 1 - C-Farm CP  
Exclude, C-Farm - Critical Path.

## 242-A Evaporator Status (previously reported under Milestone M-48, which has been closed out)

### 242-A Campaign strategy:

No campaigns were conducted in FY2011 due to ongoing 242-A and Tank Farm Life Extension and ARRA funded facility upgrades. The 242-A Campaign Strategy for FY2010 through FY2015 depicted below has been updated based on ORP-11242, River Protection Project Plan, Revision 6, and ongoing schedule integration efforts.

Fiscal Year	Campaign No.	Feed Source	Slurry Tank	Comments
FY10	10-01	AW-106	AW-106	Campaigns 10-01/10-02 were performed back-to back starting in late August and completing in early October 2010. Campaign 10-02 was an acceleration of previously planned Campaign 11-01.
FY10	10-02	AW-106	AW-106	
FY11	NA	NA	NA	No campaign conducted in FY11 due to ongoing 242-A and Tank Farm facility life extension and ARRA funded upgrades.
FY12	NA	NA	NA	No campaign conducted in FY12 due to ongoing 242-A and Tank Farm facility upgrades and revision to the 242-A Documented Safety Analysis (DSA).
FY13	13-01	AP- 107	AP-107	Estimated start May 2013. May require two (2) passes to achieve waste volume reduction.
FY13	13-02-	AW-106	AW-106	Estimated start July 2013.
FY14	14-01	AN-106 AZ-102 AW-106	AP-107	Estimated start March 2014. Two (2) passes required.
FY15	15-01	AY-101 AZ-102	AP-107	Estimated start March 2015. Three (3) passes required.
FY15	15-02	AY-101	AP-107	Estimated start August 2015. Four (4) passes required.

## SST Integrity Assurance

**M-045-91G-T02, provide to Ecology the Structural Analyses of Record final documentation for SSTs for 750,000 gallon tanks (BY, S, TX and TY Farms), Due: 1/31/2012, Status: Complete 11/18/11. (ORP letter 11-TPD-091)**

**M-045-91D, Submit to Ecology an analytical test plan for the cores removed from the C-107 plug, Due: 3/31/2012, Status: Complete 06/27/11. (ORP letter 11-TPD-043)**

**M-045-91G-T06, Provide to Ecology a report documenting and evaluating the visual inspection of 12 SSTs per the criteria in M-045-91G-T05, Due: 3/31/2012, Status: Complete 03/12/12. (ORP Letter 12-TF-0007)**

**M-045-91F-T01, Provide to Ecology as a HFFACO secondary document a report evaluating the applicability to Hanford SSTs of the liquid leak rate assessments of sludge and salt-cake from the Savannah River Site, Due: 1/31/2013, Status: At risk. TPA change package M-45-12-01, moving M-45-91F-T01 and G-T03 out one year was signed by ORP and Ecology on 01/23/12.**

**M-045-91D-T01, Provide Ecology a report containing the results and interpretation of testing, and analysis performed on the concrete dome samples obtained from the Tank C-107 plug, Due: 5/31/2013, Status: On schedule.**

**M-045-91F-T03, Provide to Ecology, as a HFFACO secondary document a report assessing the feasibility of testing for ionic conductivity between the inside and outside of SSTs, Due: 5/31/2013, Status: Complete 05/02/2012. (ORP letter 12-TF-0009)**

**M-045-91F-T02, Provide to Ecology as a HFFACO secondary document a report evaluating the common factors of liner failures for SSTs that have leaked and will provide recommendations as appropriate, such as enhanced Leak Detection, Monitoring, and Mitigation, Due: 7/31/2013, Status: At risk.**

**M-045-91F-T04, provide to Ecology, as a HFFACO secondary document, a report on the 100-series single-shell tanks which have been or will be identified as having leaked in RPP-32681, Rev 0, Due: 7/31/2013, Status: At risk.**

**M-045-91G-T03, Provide to Ecology the Structural Analyses of Record final documentation for SSTs for 1,000,000 gallon tanks (A, AX and SX Farms), Due: 9/30/2013, Status: At risk. TPA change package M-45-12-01, moving M-45-91F-T01 and G-T03 out one year was signed by ORP and Ecology on 1/23/2012.**

**M-045-91E, Provide to Ecology a compilation of the Single-Shell Tank farms dome deflection surveys every two years, beginning 9/30/2013, Due: 9/30/2013, Status: On schedule.**

**M-045-91G-T04, provide to Ecology the Structural Analyses of Record final documentation for SSTs for 55,000 gallon tanks (B, C, T and U Farms), Due: 10/31/2013, Status: At risk.**

**M-045-91F, Provide to Ecology a report (Summary Conclusions Report on Leak Integrity) summarizing and evaluating the information submitted under M-045-91F-T01 through - T04, Due: 12/31/2013, Status: At risk**

**M-045-91G, Provide a Summary Conclusions Report of Structural Analysis of Record (AOR) for SSTs, Due: 4/30/2014, Status: At risk.**

**M-045-91B-T01, Provide Ecology a report containing the results and interpretation of testing and analysis, performed on the concrete core obtained from Tank A- 106 or alternate tank, Due: 9/30/2014, Status: On schedule.**

**M-045-91H, Submit a change package (if deemed necessary by DOE and Ecology) to establish additional milestones based on information obtained from the actions in the preceding M-045-91 series milestones to date, Due: 7/31/2015, Status: On schedule.**

**M-045-91I, Provide to Ecology an IQRPE certification of SSTs structural integrity for the remainder of the mission, or for such time as the IQRPE believes he/she can reasonably certify, Due: 9/30/2018, Status: On schedule.**

**Significant Past Accomplishments:**

- Completed target M-045-91F-T03, provide Ecology the Ionic Conductivity Feasibility Report. (ORP letter 12-TF-0009, dated 05/02/12)

**Significant Planned Actions in the Next Six Months:**

- Planning for FY2013.

**Issues:**

- FY2012 funding constraints will impact FY2012 M-045-91 scheduled work. Impacts on individual milestones and/or targets for FY2013 will be evaluated and presented through the TPA Paragraphs 148/149 process. ORP intends to meet and discuss the path forward with Ecology.

## In Tank Characterization and Summary

For the period from July 1 – July 31, 2012:

### Accomplishments:

- Completed RPP-51861, Rev. 1, *C-104 Hard Heel Removal Data Quality Objectives*.
- Completed RPP-RPT-45147, Rev. 1, Derivation of Best-Basis Inventory for Tank 241-C-108 as of April 1, 2012.
- Completed RPP-RPT-43992, Rev. 4, Derivation of Best-Basis Inventory for Tank 241-AN-106 as of April 1, 2012.
- Completed RPP-RPT-44814, Rev. 7, Derivation of Best-Basis Inventory for Tank 241-AN-101 as of April 26, 2012.
- Completed RPP-RPT-52516, Rev. 0, Derivation of Best-Basis Inventory for Tank 241-C-112 as of April 26, 2012.
- Completed RPP-RPT-44049, Rev. 4, Derivation of Best-Basis Inventory for Tank 241-AZ-102 as of April 1, 2012.
- Completed 3 liquid grab sampling events during the hard heel retrieval of C-104. Liquid grab samples were collected on July 12, July 17 and July 25, 2012 during caustic dissolution.
- Completed liquid grab sampling of tank 241-AZ-102 for chemistry control on July 13, 2012. A total of 14 samples and a field blank were collected from various depths.
- Completed the 3rd liquid grab sampling event during the hard heel retrieval of C-109. A liquid grab sample was collected on July 24, 2012 during natriphosphate dissolution prior to pumping the liquid to tank AN-106.

### Planned Action within the next Six Months:

- Tank Sampling
  - Tank SY-102 grab samples for chemistry control – currently scheduled for August 2012.
  - Additional tank C-109 grab samples to support heel retrieval – currently scheduled to re-start in early August/September 2012.
  - Additional tank C-104 grab samples to support heel retrieval in August 2012.
  - Tank AN-106 grab samples for chemistry control after completion of C-107 sluicing – currently scheduled for August/September 2012.
  - Tank C-108 off- riser samples for tank component closure – currently scheduled for August 2012
  - Tank AN-101 grab samples for chemistry control after completion of caustic addition, or C-104 hard heel dissolution – currently scheduled for August 2012.
  - Tank C-112 off-riser samples to evaluate waste characteristics for heel dissolution may occur during June –September 2012 depending on the progress of retrieval. This sampling event may be replaced by in-tank analysis with a Raman probe.
- BBI Updates
  - The tanks identified for updates in FY12 Quarter 4 are still being approved by ORP. The BBI updates will be issued in October 2012.
- Data Quality Objectives (DQO)

- Revision of the PCB Management DQO (RPP-7614) and the Compatibility DQO (HNF-SD-WM-DQO-001) in August/September 2012
- Revision of the Strategic Planning DQO (RPP-44057) in August 2012
- A DQO for Phase 1 Testing of Tanks AN-102 and AN-107 Sr/TRU Precipitation Process is due to be released in September 2012.

**Issues:**

None.

## TANK OPERATIONS CONTRACT (TOC) OVERVIEW

### Project Performance

The earned value performance reporting reflects the format, Work Breakdown Structure (WBS) reporting levels, and variance thresholds as agreed to with the Tank Farms Operations Contractor (TOC) for monthly performance reporting. The earned value analysis is not intended to be a measurement of performance against existing Tri-Party Agreement Milestones.

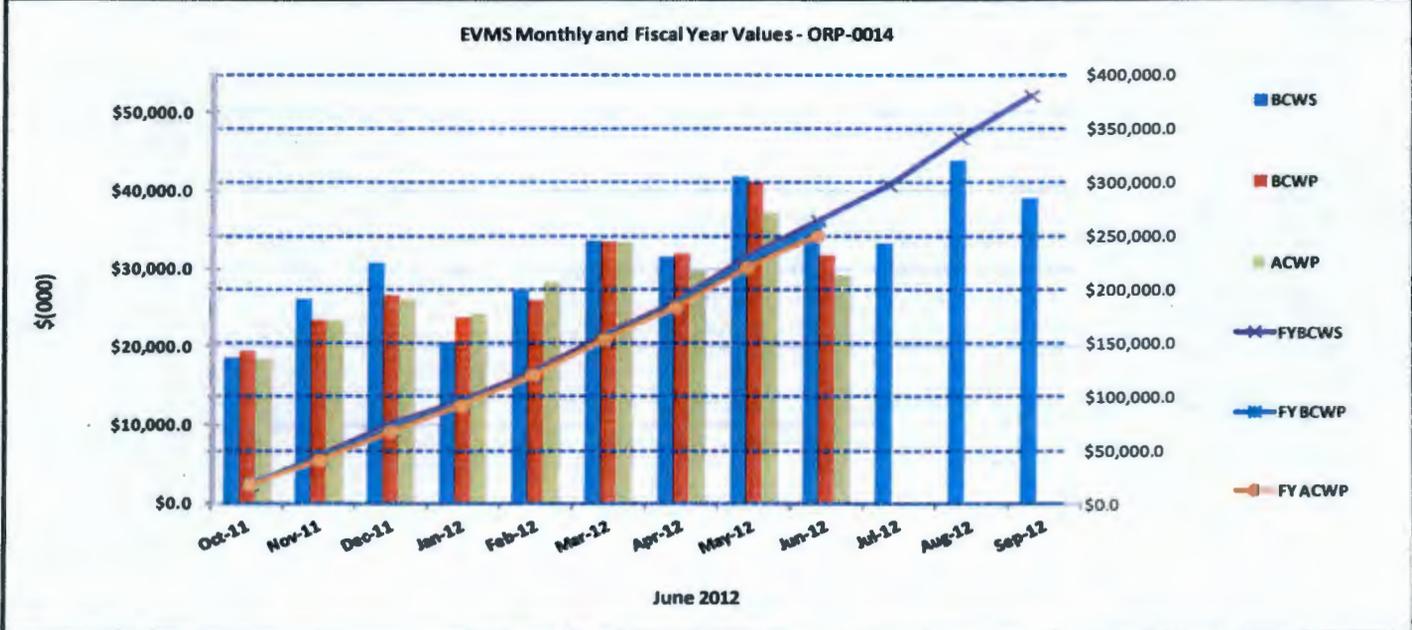
As of June 30, 2012 the TOC team worked 4,309,008 hours (446 days) without a Lost Time Workday Injury or DART case and achieved 661,002 hours (69 days) since the last Recordable case. There were no Days Away, Restricted, or Transferred (DART) cases or Recordable cases in June.

### June EVMS Data

WRPS Project Performance - (\$k)										
	BCWS	BCWP	ACWP	SV	CV	SPI	CPI	BAC	EAC	VAC
CM	33,827.2	31,750.9	29,176.7	(2,076.3)	2,574.2	0.94	1.09			
FYTD	264,138.7	257,348.3	249,793.5	(6,790.4)	7,554.8	0.97	1.03	380,370.0	367,424.5	12,945.5
CTD	1,489,306.2	1,476,398.1	1,412,923.7	(12,908.1)	63,474.4	0.99	1.04	2,163,432.6	2,087,613.7	75,818.9

Red shaded cells indicates a SPI/CPI less than .90;  
 Green shaded cells indicate a SPI/CPI between .90 and .99; and  
 Blue shaded indicates a SPI/CPI greater than or equal to 1.

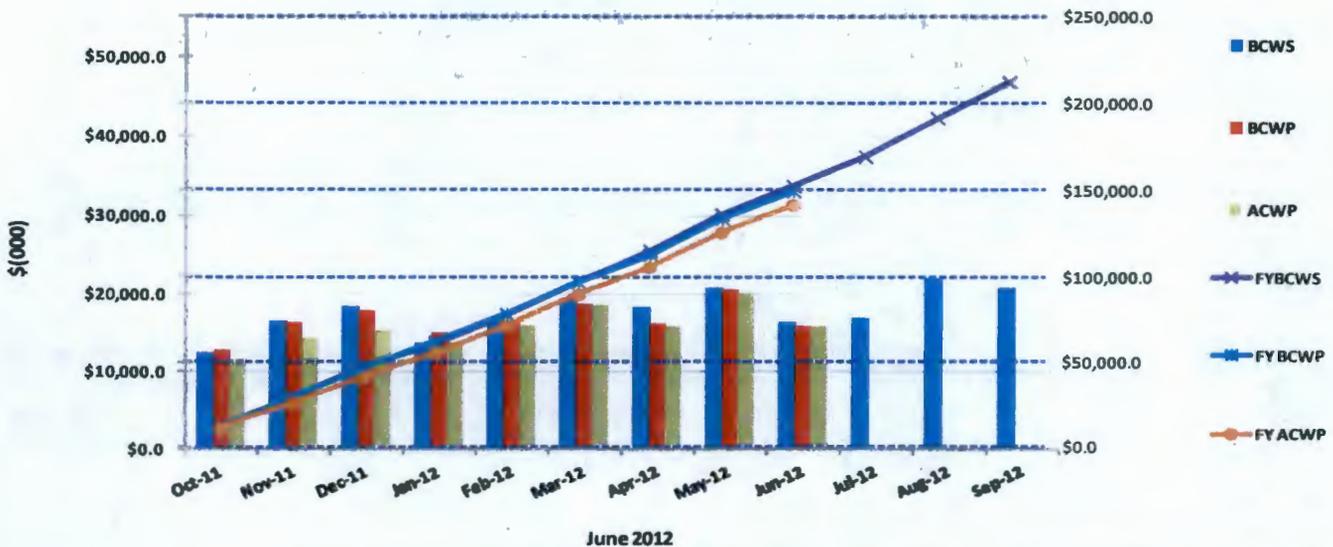
### Office of River Protection (ORP-0014) Fiscal Year 2012 - Monthly EVMS



Earned Value Month	BCWS	BCWP	ACWP	SPI	CPI	FYBCWS	FY BCWP	FY ACWP	FY SPI	FY CPI
Oct-11	\$18,559.4	\$19,444.2	\$18,408.0	1.05	1.06	\$18,559.4	\$19,444.2	\$18,408.0	1.05	1.06
Nov-11	\$26,121.7	\$23,436.0	\$23,336.0	0.90	1.00	\$44,681.1	\$42,880.2	\$41,744.0	0.96	1.03
Dec-11	\$30,678.0	\$26,611.0	\$26,115.0	0.87	1.02	\$75,359.1	\$69,491.2	\$67,859.0	0.92	1.02
Jan-12	\$20,716.5	\$23,741.2	\$24,148.4	1.15	0.98	\$96,075.6	\$93,232.4	\$92,007.4	0.97	1.01
Feb-12	\$27,334.7	\$26,007.7	\$28,261.8	0.95	0.92	\$123,410.3	\$119,240.1	\$120,269.2	0.97	0.99
Mar-12	\$33,615.5	\$33,405.7	\$33,466.4	0.99	1.00	\$157,025.8	\$152,645.8	\$153,735.6	0.97	0.99
Apr-12	\$31,512.7	\$31,843.8	\$29,637.5	1.01	1.07	\$188,538.5	\$184,489.6	\$183,373.1	0.98	1.01
May-12	\$41,772.6	\$41,107.6	\$37,244.1	0.98	1.10	\$230,311.1	\$225,597.2	\$220,617.2	0.98	1.02
Jun-12	\$33,827.2	\$31,750.9	\$29,176.7	0.94	1.09	\$264,138.3	\$257,348.1	\$249,793.9	0.97	1.03
Jul-12	\$33,196.1	\$0.0	\$0.0	0.00	0.00	\$297,334.4			0.00	0.00
Aug-12	\$43,890.6	\$0.0	\$0.0	0.00	0.00	\$341,225.0			0.00	0.00
Sep-12	\$39,144.6	\$0.0	\$0.0	0.00	0.00	\$380,369.6			0.00	0.00
CTD	\$1,489,306.2	\$1,476,398.1	\$1,412,923.7	0.99	1.04					

Office of River Protection (ORP-0014) Fiscal Year 2012 - Monthly EVMS

Base Operations 5.01



Earned Value Month	BCWS	BCWP	ACWP	SPI	CPI	FYBCWS	FY BCWP	FY ACWP	FY SPI	FY CPI
Oct-11	\$12,392.2	\$12,786.7	\$11,613.8	1.03	1.10	\$12,392.2	\$12,786.7	\$11,613.8	1.03	1.10
Nov-11	\$16,611.9	\$16,361.1	\$14,369.5	0.98	1.14	\$29,004.1	\$29,147.8	\$25,983.3	1.00	1.12
Dec-11	\$18,475.0	\$17,939.2	\$15,354.0	0.97	1.17	\$47,479.1	\$47,087.0	\$41,337.3	0.99	1.14
Jan-12	\$13,582.4	\$14,954.3	\$13,803.4	1.10	1.08	\$61,061.5	\$62,041.3	\$55,140.7	1.02	1.13
Feb-12	\$16,737.0	\$16,169.5	\$16,105.1	0.97	1.00	\$77,798.5	\$78,210.8	\$71,245.8	1.01	1.10
Mar-12	\$19,272.8	\$18,703.5	\$18,623.5	0.97	1.00	\$97,071.3	\$96,914.3	\$89,869.3	1.00	1.08
Apr-12	\$18,206.1	\$16,155.1	\$15,909.1	0.89	1.02	\$115,277.4	\$113,069.4	\$105,778.4	0.98	1.07
May-12	\$20,828.7	\$20,643.6	\$20,118.7	0.99	1.03	\$136,106.1	\$133,713.0	\$125,897.1	0.98	1.06
Jun-12	\$16,312.2	\$15,867.6	\$15,822.5	0.97	1.00	\$152,418.3	\$149,580.6	\$141,719.6	0.98	1.06
Jul-12	\$16,942.0	\$0.0	\$0.0	0.00	0.00	\$169,360.3			0.00	0.00
Aug-12	\$22,029.1	\$0.0	\$0.0	0.00	0.00	\$191,389.4			0.00	0.00
Sep-12	\$20,752.6	\$0.0	\$0.0	0.00	0.00	\$212,142.0			0.00	0.00
CTD	\$975,602.2	\$971,099.8	\$939,915.9	1.00	1.03					

**Base Operations**

**Schedule Variance (\$-444.5K):**

The unfavorable schedule variance is primarily due to:

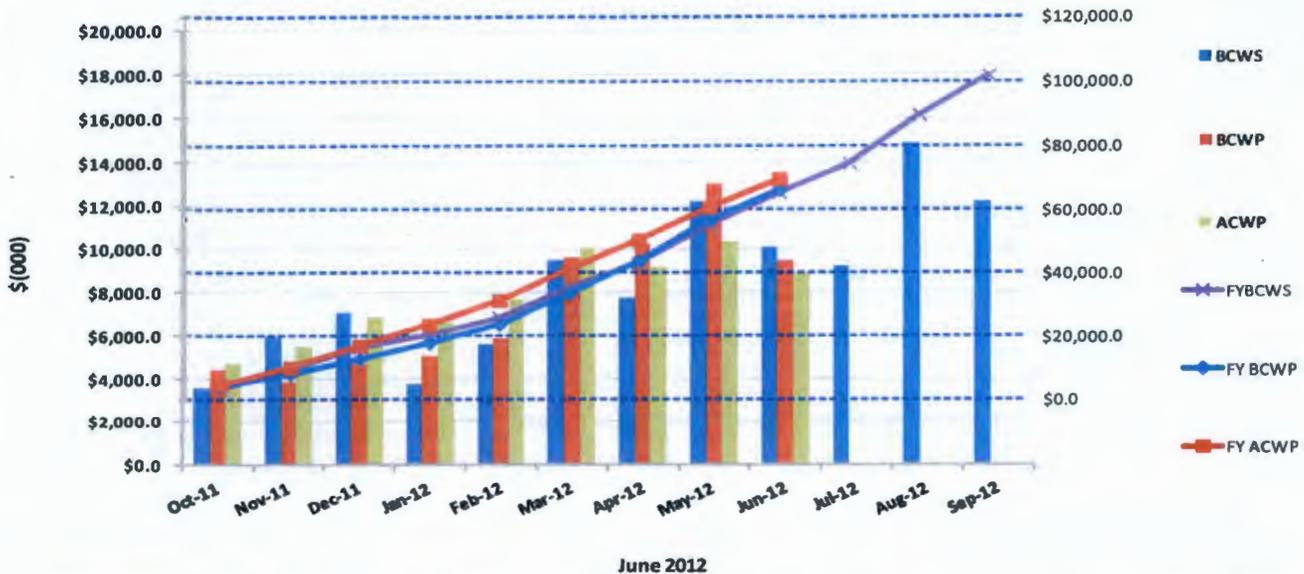
- AY/AZ Farm Infrastructure due to a three-month delay in the receipt of the PUREX connector components and 2-inch nozzles, which are now expected to be received in September. These procurements are tied up in larger company procurements, which have been delayed due to fabricator priorities and completion of commercial-grade dedication paperwork. In addition, there was a one-month delay to the start of the raw water line installation and site preparation for installation of the transformer, which was a result of the delayed award of the construction contract.

**Cost Variance (\$45.2K):**

Variance is negligible

Office of River Protection (ORP-0014) Fiscal Year 2012 - Monthly EVMS

Retrieve and Close SST's 5.02



June 2012

Earned Value Month	BCWS	BCWP	ACWP	SPI	CPI	FYBCWS	FY BCWP	FY ACWP	FY SPI	FY CPI
Oct-11	\$3,580.0	\$4,402.2	\$4,709.1	1.23	0.93	\$3,580.0	\$4,402.2	\$4,709.1	1.23	0.93
Nov-11	\$5,940.2	\$3,864.7	\$5,462.1	0.65	0.71	\$9,520.2	\$8,266.9	\$10,171.2	0.87	0.81
Dec-11	\$7,038.0	\$4,650.9	\$6,844.4	0.66	0.68	\$16,558.2	\$12,917.8	\$17,015.6	0.78	0.76
Jan-12	\$3,732.7	\$5,070.3	\$6,601.7	1.36	0.77	\$20,290.9	\$17,988.1	\$23,617.3	0.89	0.76
Feb-12	\$5,629.0	\$5,885.6	\$7,633.1	1.05	0.77	\$25,919.9	\$23,873.7	\$31,250.4	0.92	0.76
Mar-12	\$9,484.6	\$9,596.9	\$9,999.9	1.01	0.96	\$35,404.5	\$33,470.6	\$41,250.3	0.95	0.81
Apr-12	\$7,717.2	\$10,237.2	\$9,151.0	1.33	1.12	\$43,121.7	\$43,707.8	\$50,401.3	1.01	0.87
May-12	\$12,189.8	\$13,026.7	\$10,318.8	1.07	1.26	\$55,311.5	\$56,734.5	\$60,720.1	1.03	0.93
Jun-12	\$10,070.2	\$9,493.6	\$8,872.0	0.94	1.07	\$65,381.7	\$66,228.1	\$69,592.1	1.01	0.95
Jul-12	\$9,234.0	\$0.0	\$0.0	0.00	0.00	\$74,615.7			0.00	0.00
Aug-12	\$14,859.9	\$0.0	\$0.0	0.00	0.00	\$89,475.6			0.00	0.00
Sep-12	\$12,201.8	\$0.0	\$0.0	0.00	0.00	\$101,677.4			0.00	0.00
CTD	\$304,728.7	\$301,530.6	\$301,417.9	0.99	1.00					

Single-Shell Tanks

Schedule Variance (-\$576.46K):

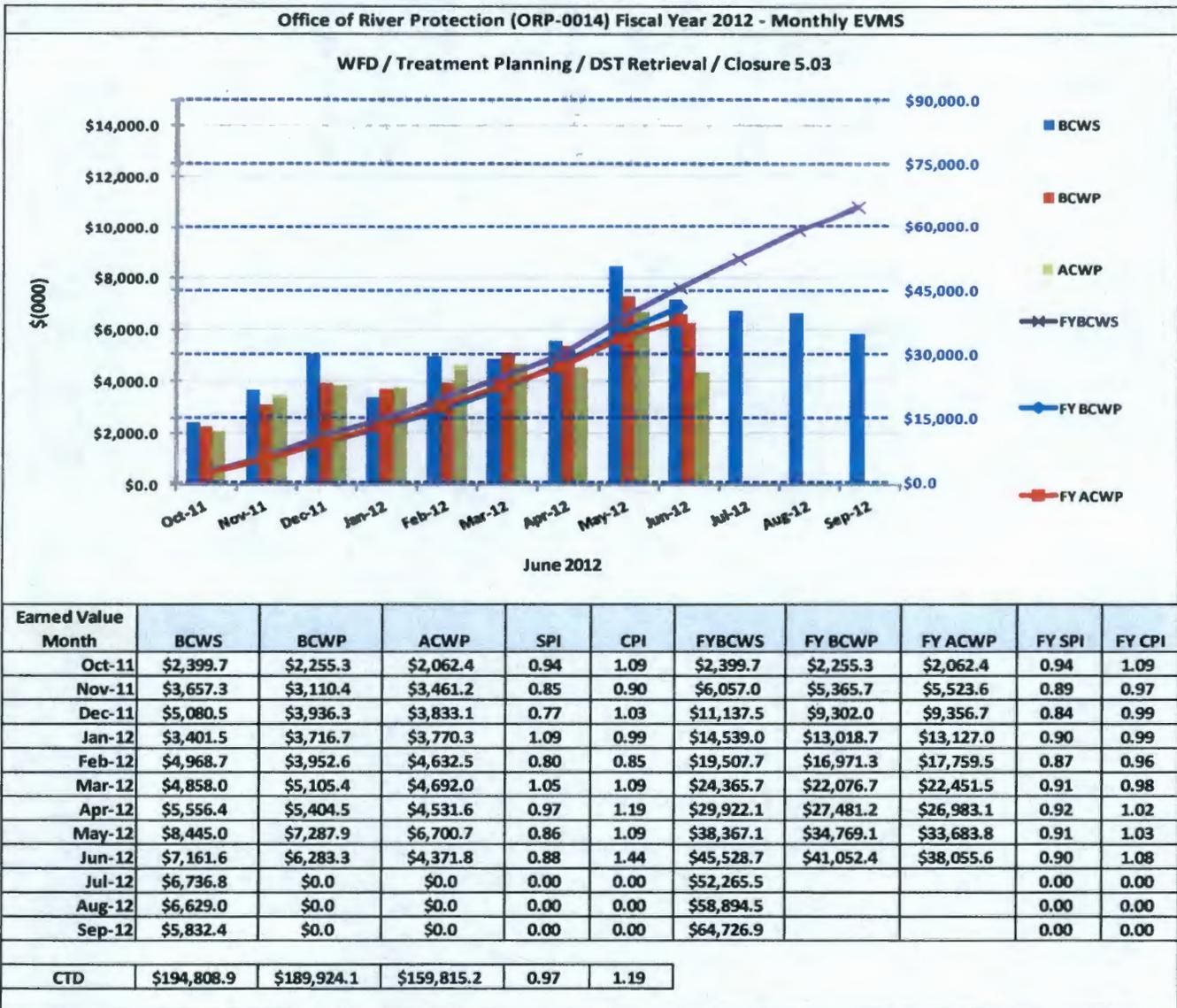
The unfavorable schedule variance is primarily due to:

- C-101 Retrieval due to delays in receiving long-lead procurements, specifically the Extended Reach Sluicer Systems (ERSS), which were planned for May and June. The first two ERSS' will be delivered in July. Hose testing issues, including kinking of replacement hoses during June, have contributed to delays. In addition, equipment removal activities were delayed by unfavorable weather, ventilation availability, and an obstruction in riser 1. Issues have been resolved and new equipment installation activities started in early July.
- C-102 Retrieval due to delays in the receipt of the ERSS's which were planned to be received in June but due to hose testing issues they are not expected until August. In addition, equipment removal activities were delayed due to unfavorable weather, ventilation availability and work on riser 2. The new riser has been successfully welded and crews will return to completing the balance of equipment removals activities.

**Cost Variance (\$621.9K):**

The favorable cost variance is primarily due to:

- C-107 Retrieval due to cost-efficient retrieval operations using the new MARS-V system. Retrieval operations resumed in late May and continued throughout June.
- C-101 Retrieval due to efficiencies achieved in Retrieval System Installation. A subcontractor construction forces crew of limited size was deployed on three tank projects (C-101, C-102, and C-105). When contaminated soil was encountered on C-102 riser 2, an additional crew was deployed to reduce personnel radiological exposure, which reduced the remaining crew on C-101. The crew worked very efficiently on C-101 completed equipment removal with less labor than planned.



**Waste Feed Delivery/Treatment/DST Retrieval Closure**

**Schedule Variance (-\$878.3K):**

The unfavorable schedule variance is primarily due to:

- Waste Feed Delivery System Performance due to delays associated with initial Scaled Performance testing and Limits of Performance testing caused by equipment failures. Equipment failures were experienced on both the small-scale mixing demonstration platform and the remote sampler

demonstration platform due to the complex simulants being used for this testing that have not been used in previous tests. A recovery plan is being developed with the testing subcontractor.

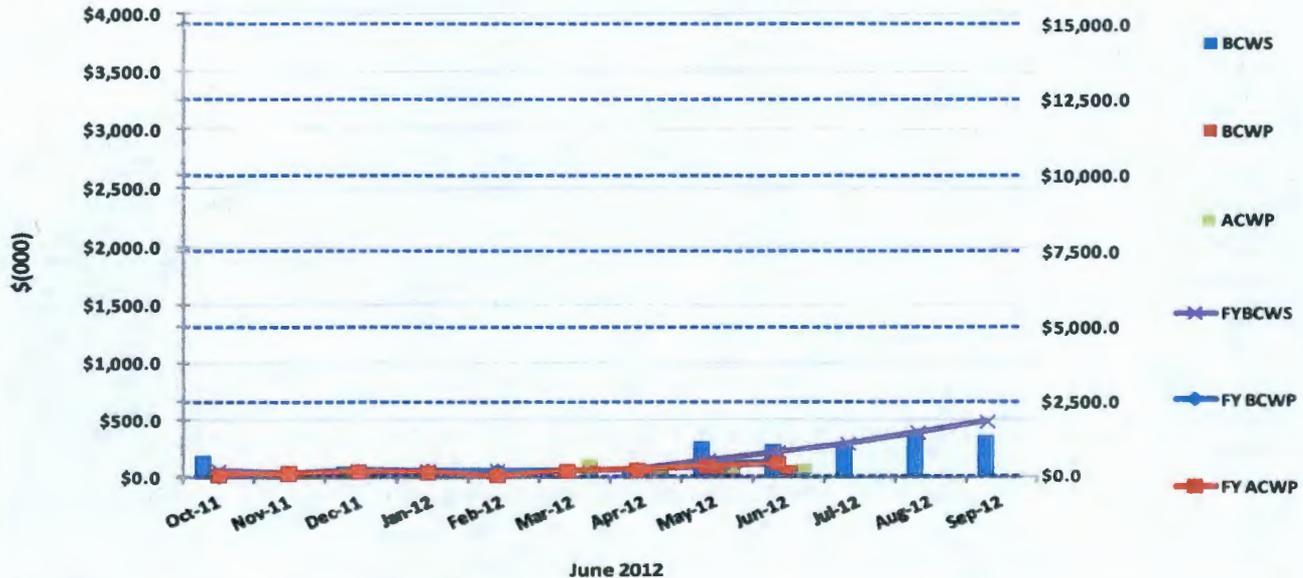
Cost Variance \$1,911.5K:

The favorable cost variance is primarily due to:

- WFD Tank Mixing and Sampling due to over-reporting of earned value performance for the month. The rules of performance are being reviewed based on the revised detailed schedule implemented last month, and the fiscal year spend forecast is being evaluated.
- WFD System Performance variance is due to 1) Vendor accrual for testing on the remote sampler demonstration and small-scale mixing demonstration was revised to address an over-accrual of costs in May, resulting in the favorable cost variance.
- Subcontractor cost for Solids Accumulation work is direct-funded to SRNL through an IFWO. This work is budgeted and progress taken in the WRPS performance measurement baseline, but because it is direct-funded to SRNL, actual costs are reported by SRNL, not WRPS, which creates a favorable CV.
- A cost correction for the remote sampler demonstration and the small-scale mixing demonstration. The performance testing is split-funded between (1) WFD Tank Mixing and Sampling which is base funded, and (2) WFD System Performance which is TDD funded. Costs were overstated in WFD System Performance requiring the cost transfer.

## Office of River Protection (ORP-0014) Fiscal Year 2012 - Monthly EVMS

## Supplement Treatment 5.04



Earned Value Month	BCWS	BCWP	ACWP	SPI	CPI	FYBCWS	FY BCWP	FY ACWP	FY SPI	FY CPI
Oct-11	\$187.5	\$0.0	\$22.3	0.00	0.00	\$187.5	\$0.0	\$22.3	0.00	0.00
Nov-11	(\$87.7)	\$99.8	\$43.3	(1.14)	2.30	\$99.8	\$99.8	\$65.6	1.00	1.52
Dec-11	\$84.8	\$84.8	\$83.4	1.00	1.02	\$184.6	\$184.6	\$149.0	1.00	1.24
Jan-12	\$0.0	\$0.0	(\$26.9)	0.00	0.00	\$184.6	\$184.6	\$122.1	1.00	1.51
Feb-12	\$0.0	\$0.0	(\$108.9)	0.00	0.00	\$184.6	\$184.6	\$13.2	1.00	13.98
Mar-12	\$0.0	\$0.0	\$151.0	0.00	0.00	\$184.6	\$184.6	\$164.2	1.00	1.12
Apr-12	\$33.0	\$47.1	\$45.8	1.43	1.03	\$217.6	\$231.7	\$210.0	1.06	1.10
May-12	\$309.1	\$149.4	\$105.9	0.48	1.41	\$526.7	\$381.1	\$315.9	0.72	1.21
Jun-12	\$283.2	\$106.0	\$110.4	0.37	0.96	\$809.9	\$487.1	\$426.3	0.60	1.14
Jul-12	\$283.2	\$0.0	\$0.0	0.00	0.00	\$1,093.1			0.00	0.00
Aug-12	\$372.6	\$0.0	\$0.0	0.00	0.00	\$1,465.7			0.00	0.00
Sep-12	\$357.7	\$0.0	\$0.0	0.00	0.00	\$1,823.4			0.00	0.00
CTD	\$14,166.5	\$13,843.6	\$11,774.7	0.98	1.18					

**Supplemental Treatment****Schedule Variance (-\$177.2)**

The unfavorable variance is primarily due to:

- Delay in awarding scope to Savannah River National Laboratory and Oak Ridge National Laboratory using the Inter-Entity Work Order (IEWO) process for Technetium (Tc) Management and Immobilization-Cast Stone Maturation activities. The IEWOs were approved by DOE-ORP and accepted by both labs. The project is forecasting schedule recovery by September 30, 2012, to meet originally scheduled milestones.

**Cost Variance (-\$4.4K)**

Variance is negligible

## Acquisition of New Facilities

**M-090-11, Complete the Negotiation of No More Than Two Canister Storage Facility Construction Interim Milestones, Due: 12/31/12, Status: To Be Missed.** Formal notification to miss this milestone was provided to Ecology via ORP Letter 12-ECD-0024 on 06/27/12. Please see issues below.

**M-090-00, Acquire/modify facilities for storage of IHLW, Due: 12/31/2019, Status: On Schedule**

**M-047-06, Complete negotiation of no more than two interim milestones governing work necessary to support completion of M-047-00, Due: 06/30/12, Status: Missed.** Formal notification to miss this milestone was provided to Ecology via ORP Letter 12-ECD-0024 on 06/27/12. Please see issues below.

**M-047-00, Complete Work Necessary to provide facilities for management of secondary waste from the WTP, Due: 12/31/2022, Status: On Schedule**

### Significant Past Accomplishments:

Interim Hanford Storage: Nothing to Report. The Secondary Liquid Waste Treatment Project issued a number of conceptual design supporting documents and is on schedule to complete the Conceptual Design Report and deliver the CD-1 package to ORP before 8/30/12.

### Significant Planned Actions in the Next Six Months:

- Submit the Secondary Liquid Waste Treatment Project CD-1 Package to ORP.

### Issues:

ORP submitted signed TPA Change Packages M-47-12-01 and M-90-12-01 to Ecology on 06/13/12 to defer negotiation of these milestones to a To Be Determined (TBD) date to be established 12 months following completion of the River Protection Plan (RPP) Waste Treatment Plant (WTP) re-baseline/re-planning efforts. Ecology provided letters 12-NWP-101 and 12-NWP-100 disapproving M-47-12-01 and M-90-12-01 TPA Change Packages to ORP on 06/25/12. Formal notification to miss milestones M-047-06 and M-090-11 provide to Ecology via ORP Letter 12-ECD-0024 on 06/27/12. Ecology issued a Notice of Violation (NOV) for M-047-06 on 07/12/12 per letter 12-NWP-118. ORP received Ecology letter 12-NWP-122, Docket Number 9402, stipulating a penalty of \$5,000 for missing M-047-06 on 07/19/12. ORP paid this penalty on 07/27/12.

## Supplemental Treatment and Part B Permit Applications

**M-062-40ZZ, Submit a one-time Tank Waste Supplemental Treatment Technologies report if a supplemental treatment technology is proposed other than a 2nd LAW, Due:**

10/31/2014, Status: On Schedule.

**M-062-45ZZ, Negotiate a one-time supplemental treatment selection, Due: 4/30/2015, Status: On schedule. Negotiations are not yet underway.**

**M-062-45ZZ-A, Convert M-062-31-T01 through M-062-34-T01 to Interim Milestones, Due: 4/30/2015, Status: On Schedule.**

**M-062-31-T01, Complete final design and submit RCRA Part B permit mod request, Due: 4/30/2016, Status: On schedule**

**M-062-32-T01, Start construction of supplemental vitrification treatment facility and/or WTP enhancements, Due: 4/30/2018, Status: On schedule**

**M-062-33-T01, Complete construction of supplemental vitrification treatment facility and/or WTP enhancements, Due: 4/30/2021, Status: On schedule**

**M-062-45XX, No later than 12/31/2021, the DOE and Ecology shall complete negotiations to establish a mechanism that will apply to resolve future disputes regarding the determinations in M-062-45, paragraphs 4 and 5, due: 12/31/2021, Status: On Schedule**

**M-062-34-T01, Complete hot commissioning of supplemental vitrification treatment facility and/or WTP enhancements, Due: 12/30/2022, Status: On schedule**

**M-062-21, Annually, submit data that demonstrates operation of the WTP, Due: 2/28/2023, Status: On Schedule**

**M-062-00, Complete Pretreatment Processing and Vitrification of HLW and LAW Tank Wastes, Due: 12/31/2047, Status: On Schedule**

### Significant Past Accomplishments:

None

### Significant Planned Actions in the Next Six Months:

None

### Issues:

None

## System Plan

**M-062-40B, Submit a system plan describing the disposition of all tank waste managed by ORP, Due: 10/31/2011, Status: Completed 10/24/2011 via DOE-ORP/ECY joint signature letter 11-TPD-087.**

**M-062-40C, Select a minimum of three scenarios that will be analyzed in the system plan, Due: 10/31/2013, Status: On Schedule**

**M-062-40D, Submit a system plan describing the disposition of all tank waste managed by ORP, Due: 10/31/2014, Status: On Schedule**

**M-062-45-T01, Every six years, within six-months after last revision of the System Plan, negotiate tank waste retrieval sequencing, Due: 4/30/2015, Status: On Schedule**

### Significant Past Accomplishments:

DOE/ORP submitted the River Protection Project System Plan, Revision 6, with a joint Ecology signature to EPA on October 24, 2011.

### Significant Planned Actions in the Next Six Months:

None

### Status:

During the May 2012 ORP/Ecology TPA Quarterly Meeting, it was stated that five proposed/draft scenarios/cases were submitted to Washington River Protection Solutions LLC (WRPS) for System Plan 6 Addendum (SP6A). No verbal or written direction has been provided to WRPS to begin simulation/modeling of the proposed/draft scenarios.

Since then, various circumstances have occurred, in which the five proposed/draft scenarios are no longer considered scenarios. No new scenarios have been proposed for SP6A. System Plan 7 is still on schedule to begin in the May-August 2013 time frame.

### Issues:

None

**WASTE TREATMENT AND IMMOBILIZATION PLANT (WTP) PROJECT**

<b>Number</b>	<b>Title</b>	<b>Due Date</b>	<b>Status</b>
M-062-01Y	Submit Semi-Annual TPA Project Compliance Report	07/31/2012	Completed – Report hand-delivered on 07/27/2012
M-062-01Z	Submit Semi-Annual TPA Project Compliance Report	01/31/2013	On Schedule

**\*SEE THE AUGUST 2012 ORP CONSENT DECREE 08-5085-FVS  
MONTHLY SUMMARY REPORT FOR WTP FACILITY-SPECIFIC  
INFORMATION**