0072083

Central Plateau
Tri-Party Agreement Milestone Review
Meeting Minutes
January 24, 2006

Approval: _____ Date: _____
J. Hedges (H0-57)
Ecology IAMIT Representative

Approval: X _____ Date: 2/20/07
M.S. McCormick (A5-11)
DOE IAMIT Representative, Chairperson

Approval: _____ Date: _____
N. Ceto (B1-46)
EPA IAMIT Representative

Minutes Prepared by:

Sonya Moore Date: 2-20-07
S.L. Moore (H8-40)
Fluor Hanford, Inc.

Ayres, J.M.	Ecology	H0-57	Lobos, R.	EPA	B1-46
Bartus, D.	EPA	H0-57	Lutz, K	HQ	A7-75
Bilson, H.E.	FH	H8-20	Mandis, M.L.	Ecology	H0-57
Bond, R.	Ecology	H0-57	Mattlin, E.M.	RL	A5-11
Bohnee, G.	NPT		McCormick, M.S.	RL	A5-11
Boyd, A.	Ecology	B1-46	McKarns, A.C.	RL	A5-15
Brown, MJ	Ecology	H0-57	Miskho, A.G.	FH	H8-40
Cameron, C.E.	EPA	B1-46	Moy, S.K.	RL	A6-38
Ceto, N.	EPA	B1-46	Niles, K.	OOE	
Chalk, S.E.	RL	A7-75	Piippo, R.E.	FH	H8-12
Charboneau, B.L.	RL	A6-33	Post, T.C.	EPA	B1-46
Charboneau, S.L.	RL	A5-11	Price, J.	Ecology	H0-57
Cimon, S.	ODE		Quigley, K.M.	FH	H8-44
Cusack, L.	Ecology	H0-57	Roddy, F.M.	RL	A6-39
Dagan, E.B.	RL	A5-11	Romine, L.D.	RL	A6-33
Einan, D.R.	EPA	B1-46	Russell, R.W.	ORP	H6-60
Faulkner, D.E.	RL	A5-11	Skinnarland, E.R.	Ecology	H0-57
French, M.S.	RL	A6-38	Simmons, F.M.	FH	H8-40
Frey, J.A.	RL	A5-13	Sinton, G.L.	RL	A6-38
Gallagher, R.G.	FH	H5-20	Thompson, K.M.	RL	A6-38
Goswami, D.	Ecology	H0-57	Thompson, S.A.	FH	H8-12
Harris, S.	CTUIR		Tilden, H.T.	PNL	K3-75
Hedges, J.	Ecology	H0-57	Vance, J.G.	FH	H8-12
Henry, D.	OOE		Watson, D.J.	FH	X3-79
Hopkins, A.M.	FH	H8-25	Whalen, C.L.	Ecology	H0-57
Horst, L.	OOE		Williams, J.D.	FH	H8-40
Hyatt, J.E.	FH	H8-40	Wise, B.K.	FH	B3-30
Jackson, D.E.	RL	A4-52	Wolf, A.	CTUIR	
Jim, R.	Yakama		Administrative Record		H6-08

* Because the meeting minutes are over a year old they will not be presented to the other parties for signature, but retained unsigned for records purposes.

Central Plateau
Tri-Party Agreement Milestone Review
Meeting Minutes
January 24, 2006

M-035-09 *Data Management Enhancements*

Initial meetings have been held with EPA and Ecology to assess the information and data access needs as defined by M-35-09E. No issues, on schedule.

M-083-00A, Complete PFP Facility Transition and Selected Disposition Activities.

Planned Activities

RL expects to complete the 232Z SCRUBBER cell equipment removal and decontamination. RL plans to be ready for a demonstration in the May 2006 timeframe and demolish by the end of August 2006.

Issues

- Funding questions on ISSF, funds will not be operating funds, capital funds are needed.
- 232Z airborne problem is driving the schedule variance.
- D7D work is delayed or behind schedule, waste generation costs are affected by D7D.
- There are no regulatory issues.
- A letter was sent to FH in December 2005 requesting planning case for FY 2007 and beyond. RL will meet all PFP TPA milestones. The PFP budget has been affected by K Basins; $55M went to K Basins this FY. Budgets for FY 2007, 2008, and 2009 will use money in K Basins.

Concerning M-091 facilities, Ecology commented the SWIFT report does not seem to support what RL is saying. RL stated that a DOE and contractor workshop will be held to align all baselines to support PFP milestones.
Action: Ecology requested that they be able to participate in the workshop. Ecology also requested that they be sent a copy of the Letter of Direction to FH on the new planning case.

The SWIFT needs to reflect 2006.1. The baseline submitted by FH did not support TPA milestones. The baseline has not been approved by RL.
Action: Ecology requested a copy of the current baseline and BCR.

PFP is currently evaluating new storage capabilities; there are a number of factors in the selection of the site. New construction risks include regulatory approval as well as the Congressional funding cycle. The 241Z model discovered many problems with building.

No operating funds are to be used for the new building. The President's budget on February 6, 2006, will determine if the new building is an option.

EPA stated that if a new building is necessary, it should be away from the PFP footprint. RL stated that the building would need security while being constructed. If it was located away from PFP, two protected areas would be needed. One protected area costs $80M a year to maintain; therefore, cost would be double for two protected areas. There is a significant cost reason for keeping just one protected area. Ecology has stated several times that they would rather not see a new building constructed. SRS has acknowledged they have room for our materials.

A Layup Activities 2016 workshop was held January 23, 2006. Items discussed included replacing the criticality and ventilation systems. The ventilation system may be re-cabled this year.
Action: Ecology requested a copy of the Layup Plan. RL will send Ecology a copy when it is complete at the end of March 2006.

M-026-01, Submit an Annual Hanford Land Disposal Restrictions Summary Report.

RL is preparing the April 30, 2006, report. A TPA change request was approved to test a summary report this year. Project Managers Meetings are ongoing and continue to be an effective tool for dialogue and as a venue to resolve emerging issues. There is a long list of assessment requirements that is being addressed. Work will begin on them after the LDR report is submitted. Ecology noted that in the past there were issues about the 340 assessment. As part of the resolution, Ecology will be invited to kick-off meetings for each assessment to give them the opportunity to provide early input on expectations.

M-091-00, Complete the Acquisition of New Facilities, Modification of Existing Facilities, and Modifications of Planned Facilities.

RL stated that significant accomplishments have been made in the last three months. PEcoS is treating debris with macroencapsulation.

Ecology noted that in a quick glance of the Waste Control Plan (WCP) to ERDF it was found that the plan still contains the old assumption of 20% rather than 100% mixed. The Plan needs to be revised to 100%. Ecology stated that it is less costly to assume that it is mixed waste than actually sampling and characterizing to prove it is. RL did not believe the current WCP contained the old assumption.
Action: RL will check the document and revise as appropriate.

EPA has heard that some material that has gone to PEcoS for treatment was increasing in quantity before being returned. EPA would like to discuss what quality assurance there is that Hanford waste sent to PEcoS comes back with only Hanford waste. They would also like to see records tracking the waste from beginning to end.

RL is currently developing a TPA change request due to the M-091 judgment on January 10, 2006. The judgment potentially affects the major milestone. Both Ecology and EPA do not feel public involvement is required.
Action: Ecology requested RL send them the current version of the change request.

Ecology stated that when Litigation ended the affected milestones became enforceable; therefore, TPA milestone M-91-42H due December 31, 2005, is a missed milestone.

Both EPA and Ecology stated that RL is falling behind on the certification milestone. RL stated that they are certifying and building a backlog; but agree they are falling behind on the certification milestone.

M-092-05, Inclusion of Hanford site Cs/Sr "Treatment and/or Repackaging Parameters" in DOE TWRS Phase II Request for Proposals.

No presentation given.

M-020-00, Permits and Closure Plans.

RL reported that the M-20 TPA milestones are on schedule. Ecology has the same concerns with M-20-33 as M-15-43C.

Pre-Draft Permit, Revision 9 - RL is continuing to perform review/comments by sections of the permit, Revision 9.

M-015-00, Complete RI/FS (or RFI/CMS) Process for all Operable Units.
M-016-00, Complete Remedial Actions
M-024-00, Complete Well Installations in Accordance with RCRA/CERCLA Requirements.

Ecology has concerns with TPA milestones M-15-46A and M-15-43C; they believe more characterization data is required. Ecology's concern is that DOE is working on or preparing documents that will not fulfill commitments. More discussion will be held in the Executive committee.

RL must take borehole samples of the entire area south of PUREX. Many of the waste sites are not just mixed waste and all must be treated together. The ability to meet the current milestone was based on the assumption that these were miscellaneous waste sites that were shallow. This has been proven to not be the case. RL is concerned that the tunnel may also be partially flooded. It appears water is coming to the surface in various places. RL would like to be on record that they are concerned about the water level in the tunnel south of PUREX.

EPA commented on the last bullet of page 31 of the handout; funding constraints concerning the BC cribs. This came as a surprise to EPA. It seems that the budget and prioritizing is not working. Additionally, DOE and contractor staff are working on documents that Ecology will not accept. Ecology is interested in the DQOs being completed. The same staffer is working on both the DQO and the M-15-46A and M-15-43C documents. Ecology feels that the staffer should be working on the DQO.

EPA has held an initial meeting on current discussions on wells for the year 2009. Another meeting will be held to prioritize the drilling.

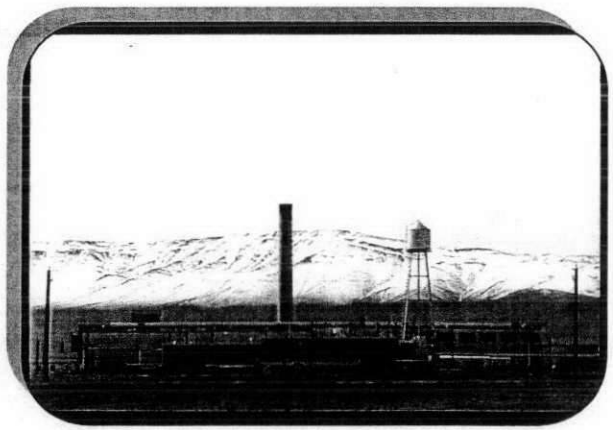
M-034-00A, Complete Removal of the K Basins and Their Content.

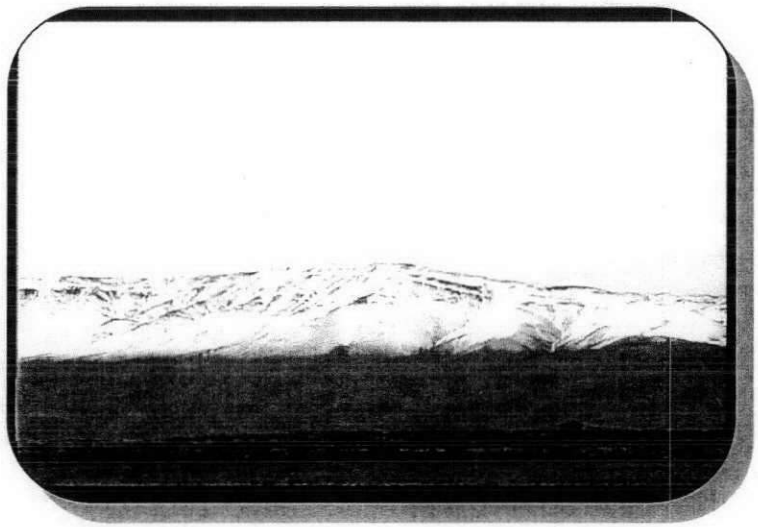
The project has been re-baselined; TPA milestones M-034-32 and M-034-00A due dates were not moved. RL remains committed to try and hold the line on the major milestone and accelerate work to accomplish the work on schedule. RL is working on identifying project risks and minimizing impacts.

A short video was shown showing basin conditions before and after cleaning out debris. Removal of 198 fuel canister storage racks was completed. Six fuel racks remain for storage of canisters that will remain in the basin. Removing debris has improved the working conditions significantly.

Discussion was held concerning the seismic issue at the Waste Treatment Plant. There is concern about using the wrong seismic criteria; the seismic tests used general rather than specific criteria. There is no reason to suspect that geology eight miles away (K Basins) from the WTP would be different. It would make sense to develop site specific criteria but a new analysis would be very expensive. Ecology stated that the seismic work they did at WTP may change the basis for the seismic estimates for the entire Hanford Site.

PFP Closure Project





Milestone

TPA-M-83

January 2006
Tri-Party Agreement Milestone
Status Report

Ecology Project Manager - R. Bond
DOE-RL Project Director – S. Charboneau
FH Project Manager – D. B. Klos
FH Environmental – A. M. Hopkins

M-83 Status for Interim Milestones Through 2006 (as of 12/30/05)

TPA No.	TPA Commitment Date	Milestone Title	Status
M-083-31	6/30/05	DISCONTINUE WASTE DISCHARGES FROM THE 241-Z TANKS TO TANK FARMS	***Complete***
M-083-14	9/30/06	COMPLETE 100% OF THE LEGACY PU HOLDUP REMOVAL	***Complete***
M-083-40	9/30/06	COMPLETE TRANSITION AND DISMANTLEMENT OF 232-Z BLDG INCINERATOR	On Schedule

Accomplishments

- PFP reached two million safe working hours without a lost work day injury
- The 234-5Z/236-Z lay-up team pie-plated 263 glove box ports for a total of 1,096 through 1/11/06
- Shipped 330 plutonium nitrate solution containers (PR cans) through 1/13/06
- All excess chemicals outside gloveboxes have been consolidated to Rm 183
- Super HENC calibrated and operational for safeguards counts
- Work continued on the 241-Z RCRA closure project, Cell D8 to remove debris and clean the floor and sump and began in cell D5
- The 234-5Z Material Access Area (MAA) elimination was completed 11/17/05
- Completed demolition of 2734-ZF and 2734-ZG (gas storage buildings)

Planned Activities

- Complete 232-Z scrubber cell equipment removal and decontamination
- Continue RCRA Closure activities in 241-Z
- Continue disposition of Pu solution containers (PR cans)

Schedule / Cost Performance
Fiscal Year to Date Status

	Fiscal Year to Date				
RL-0011 - Nuclear Material Stabilization & Disposal (PFP)	BCWS	BCWP	ACWP	SV$	CV$
	31,043.3	28,436.6	29,835.2	(2606.7)	(1398.6)

Schedule / Cost Performance
Fiscal Year to Date Status (Continued)

FYTD Schedule Variance: -$2.6M:

Behind schedule on Min Safe special projects; apportioned support activities behind due to delayed D&D, behind schedule on 241-Z (redirection of staff to support glovebox cleanout; behind schedule on ISSF CDR; 241-Z modifications will continue behind schedule pending BCR to reflect revised path for ISSF)

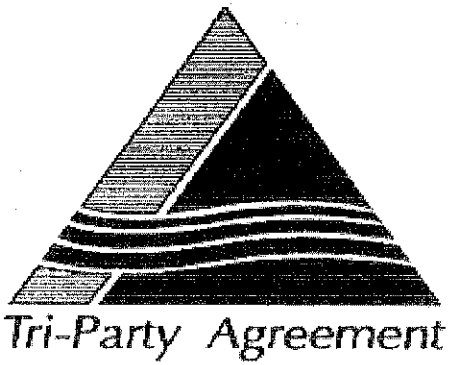
FYTD Cost Variance: -$1.4M:

Increased nuclear safety supported required; time-phasing of assessments; 241-Z unplanned/increased scope associated with issues resolution and emergency preparedness and redirected project objectives.

Issues

- **Regulatory Issues:**
  - **None**
- **Non-Regulatory Issues:**
  - **Consolidation**
  - **Lay-up**
  - **ISSF Plans**

Land Disposal Restrictions Report
(Tri-Party Agreement Milestone M-26-01)
Quarterly Presentation
January 24, 2006



Greg Sinton, RL Project Lead
Woody Russell, ORP Project Lead

Deborah Singleton, Ecology Lead

Land Disposal Restrictions Report
(Tri-Party Agreement Milestone M-26-01)
January 24, 2006

- Tri-Party Agreement requires annual submittal of the Hanford Site Land Disposal Restrictions (LDR) Report
- TPA change request M-26-05-01 approved January 4, 2006
  - A summary report will be prepared for CY2005 as a pilot activity
  - Change request identifies content of the summary report
- CY 2005 LDR Summary Report preparations began in December 2005

Land Disposal Restrictions Report
(Tri-Party Agreement Milestone M-26-01)
January 24, 2006

- Monthly PMMs continue to be an effective tool for dialogue and as a venue to resolve emerging issues
  - One action remains open from the March 14, 2002, Settlement Agreement (Consolidation of Requirements Document)
  - Emerging issues or concerns are addressed during the PMMs as "Hot Topics"
    - No current issues or concerns are identified

Land Disposal Restrictions Report
(Tri-Party Agreement Milestone M-26-01)
January 24, 2006

Actions Planned for Next Six Months

- Continue the monthly PMMs focusing on requirements consolidation and storage assessments
- Prepare and submit CY 2005 LDR Summary Report
- Determine future LDR reporting

Tri-Party Agreement M-91 Milestone Series Quarterly Presentation

Greg Sinton
U.S. Department of Energy,
Richland Operations Office

January 24, 2006

Tri-Party Agreement M-91 Milestone Series Quarterly Presentation

Significant Accomplishments of Last Three Months:

- Retrieved 156 m^3 of RSW since the last quarterly report (10/20/05-1/17/06), bringing the total to 3308 m^3 .
- Completed field work on 218-E-12B test dig: Containers corroded, but appear to be in relatively good condition.
- Treated 195m^3 of M-91-42 MLLW (Oct-Dec), bringing the total to 4422 m^3 as of 12/31/05.
- Sent draft 218-W-4B SAP to Ecology for review

M-91 Status Summary 1/24/06

Milestone	Due Date(s)	Status Summary	Comments
General Comments			1) In this table "On-Schedule" means it is anticipated the milestone will be met. 2) A change package is being processed based on the January 10, 2006 judgment to implement contingent portions of M-91 milestones dealing with TRUM processing. This impacts M-91-01, M-91-03, M-91-40, M-91-41, M-91-42, and M-91-44. 3) The "Out-year Table" milestones have been consolidated into this table.
M-91-00: Major Milestone for acquisition of needed facilities/capabilities fro mixed and suspect mixed MLLW, and TRUM and suspect TRUM.	TBD	On Schedule	
M-91-01: Facility/Capability Interim Milestone (RH and/or large container TRUM)	6/30/12	On Schedule	See General Comment 2
M-91-03: Submit TRUM/MLLW PMP	12/31/03, 3/31/09, 3/31/13	On Schedule	M-91-03 PMP approved by Ecology on May 12, 2004. Contingent milestone change package proposes PMP update submittal 12/31/06 to address plans for processing TRUM
M-91-05-T01: Complete RH and or	12/31/07	On Schedule (planning)	Submitted the "Initial Engineering Study and Functions" document to Ecology 9/30/05. This is the first in a series of

large TRUM retrieval Engineering Study/FDC			activities leading to Conceptual Design and FDC submittal planned for 12/31/07.
M-91-12: CH-MLLW Thermal Treatment (600 m^3 cumulative)	11/16/07	On Schedule	As of the end of December, 356 cubic meters of thermal treatment waste had been treated. PEcoS has thermally treated 85 cubic meters (legacy plus new)
M-91-12A: CH-MLLW Thermal Treatment (240 m^3)	9/30/05	COMPLETE Met 8-16-05	Completion letter (AMCP-0420) sent to Ecology 9/27/05
M-91-15: RH MLLW and/or Large Size MLLW Treatment	6/30/08	On Schedule (Planning)	"COMPLETE ACQUISITION OF FACILITIES AND/OR CAPABILITIES AND INITIATE TREATMENT OF RH-MLLW AND CH MLLW IN BOXES AND LARGE CONTAINERS" • Initial engineering study that addresses this capability was completed 9/30/05 (See M-91-05-T01) • Discussions on-going with Ecology to possibly revise this milestone based on initial M-91 facility planning
M-91-40: Retrieval and designation of CH-RSW (regardless of size)	2700 m^3 cumulative retrieved by 12/31/05, 4700 m^3 by 12/31/06 and annual retrieval volumes through 2010 plus various other requirements	On Schedule Met 2700 level in July	• July-Sept SAP quarterly report submitted December 14 included results for step I 218-W-3A sampling • 218-W-3A SAP was sent to Ecology Sept 1. Ecology comments being incorporated. Comment response document to be emailed to Ecology by February, followed by SAP issuance • 218-W-4B SAP Draft sent to Ecology 12/29/05. • 3308 m^3 of RSW retrieved as of 1/17/06. • The Non-TRU fraction of PFP debris from retrieval is being sent to PEcoS for treatment prior to disposal at ERDF. Treatment has been proceeding well. 396 m^3 have been sent to PEcoS for treatment and 369 m^3 of that has subsequently been disposed of in ERDF through January 12. • Treatability Study Test Plan for test digs was approved

			October 13. E-12B field work has been completed. Containers corroded but generally in good condition. See General Comment 2
M-91-41: Retrieval and Designation of RH RSW (regardless of size)	See comment column	On Schedule (Planning)	• 1/1/11: Initiate retrieval of RH RSW • 12/31/14: Complete non-caisson RH RSW retrieval • 12/31/18: Complete 4B RH RSW retrieval See General Comment 2
M-91-42: Treatment of non-large size CH-MLLW	Annual treatment requirements through 12/31/09	On Schedule (or ahead of schedule)	• 4422 m^3 of the MLLW subject to this milestone (MLLW-2 and MLLW-04 through MLLW-10 excluding MLLW-7) has been dispositioned as of the end of December. (4890 m^3 required by 12/31/06) The cumulative volumes toward meeting this milestone are based on a start date of 12/31/02 (CY 2002 LDR report inventory date). See General Comment 2
M-91-43: Designation and treatment of RH and or Large Size MLLW	See Comment Column	On Schedule	• 12/31/08: Complete designation of RH MLLW and or Large Size MLLW in storage. • 6/30/08: Begin RH and or large size MLLW treatment at rate of 300 cubic meters per year • Treated 193 m^3 of MLLW-07 since 12/31/02. • Possible modifications and clarifications to M-91-43 being discussed in Ecology M-91 meetings. May start earlier with lower annual rate. • Investigating PEcos capability to process containers larger than 10 cubic meters (up to as high as 35 cubic meters)
M-91-44: Designation of Newly Generated and Stored RH and or Large Size	See Comment Column	On Schedule (Planning)	• Designate all RH and large size Transuranic waste in storage by 12/31/12 • Contingent milestone for RH and/or large container TRUM

Transuranic Waste			See General Comment 2
M-91-45: RH and or Large Size Waste Annual Report	9/30/04 and annually thereafter	On Schedule	• The 2005 report was submitted to Ecology 9/29/05 (Letter AMCP-0421)
M-16-93: Submit implementation workplan for acquisition of capabilities necessary to prepare TRU/M waste generated by CERCLA clean-up actions at Hanford for disposal at WIPP	9/30/2006	On Schedule	• The date of this milestone seems early. It may be better to align it to be due shortly after completion of M-15-00 to align with completion of all operable unit RI/FSs. Alternatively it could be used to establish and document CERCLA assumptions used for the M-91 facility M-91-05-T01 deliverable.

Fn: M-91 PMM Status table1-24-06

Tri-Party Agreement M-91 Milestone Series
Quarterly Presentation

Actions Planned for Next Six Months

- Continue with MLLW treatment, RSW retrieval, and waste processing on schedule
- Complete contingent milestone implementation change package processing by February 9.
- Continue discussions and complete change package on other M-91 clarifications and changes
- Continue thermal treatment at PEcoS
- Continue discussions with Ecology on M-91 facility planning
- Finalize 218-W-4B and 218-W-3A SAPs
- Submit SAP quarterly reports

M-20 Milestone Review
Permits and Closure Plans

Presented by:

Tony McKarns
U.S. Department of Energy

January 24, 2005

Closure Plan Milestone Status

M-20-33 **4/30/2006**

Submit 216-A-10 Crib, 216-A-36B Crib, 216-A-37-1 Crib, and 207-A South Retention Basin Closure/Postclosure Plans to Ecology in coordination with the Feasibility Study for the 200-PW-2 Uranium-Rich Process Waste Group Operable Unit (coordinate under M-15-43C)

M-20-39 **3/31/2006**

Submit 216-S-10 Pond and Ditch Closure/Postclosure Plans to Ecology in coordination with the Feasibility Study for the 200-CS-1 Chemical Sewer Group Operable Unit (coordinate under M-15-39C)

M-20-54 **12/31/2008**

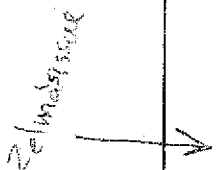
Submit 241-CX-70 Storage Tank, 241-CX-71 Neutralization Tank, 241-CX-72 Storage Tank, 241-CX Storage Tank Closure/Postclosure Plan to Ecology in coordination with the 200-IS-1 Tanks/Lines/Pits/ Boxes Operable Unit Work Plan Feasibility Study scheduled under M-13-00M.

Current Milestone Status:

Milestones M-20-33 and M-20-39 on schedule to submit closure plans.

Hanford Facility RCRA Permit Status

- The Hanford Facility RCRA Permit expired on 9/27/04. Ecology provided a pre-draft Permit, Revision 9 to the Permittees for review and comment. DOE emailed significant comments to Ecology on 1/18/06. Ecology asked DOE to perform the review/comments by sections (Permit Attachments, Part I, Part II, Part III, Part IV, Part V, and Part VI of the Permit); and email comments to Ecology as soon as sections are completed. DOE continues to operate under RCRA Permit Revision 8, until a new Permit is in effect.
- IDF will be incorporated in Permit Revision 8.
- The schedule for updating and incorporating Central Waste Complex, Waste Receiving and Processing Facility, and 222-S Laboratory Complex is dependant upon resolution of issues and issuance of Permit Revision 9.



Accomplishments – last 3 months

- Ecology provided pre-draft RCRA Permit, Revision 9 for Permittee review and comment.
- Ecology responded to Class 1 modifications submitted for quarter ending 9/30/05.
- DOE submitted Class 1 modifications for quarter ending 12/31/05.
- DOE submitted FY 2005 Closure/Postclosure Cost Estimate Report to Ecology on 10/31/05.
- DOE submitted 331-C Storage Unit Permit Application to Ecology on 12/15/05.
- DOE submitted Revision 1 of the DST System Part B Permit Application on 12/19/05.

Planned Actions – next 6 months

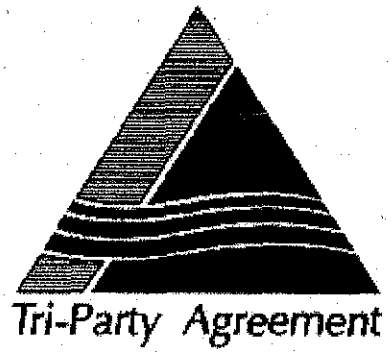
- DOE and Ecology schedule workshops to resolve issues with the pre-draft Permit, Revision 9.

Planned Actions – next 6 months (cont.)

- Ecology provide pre-draft Permit for LERF groundwater.
- Ecology draft DST System Permit conditions.
- Ecology draft 331-C Storage Unit Permit conditions.
- Ecology provide comments on the Immobilized High-level Waste Storage Facility Part B Permit Application, Rev. 0.
- Ecology issue final IDF Permit conditions.
- Ecology provide comments on the Draft Waste Encapsulation Storage Facility (WESF) Part B Permit Application, Revision 0.

CENTRAL PLATEAU MILESTONE REVIEW

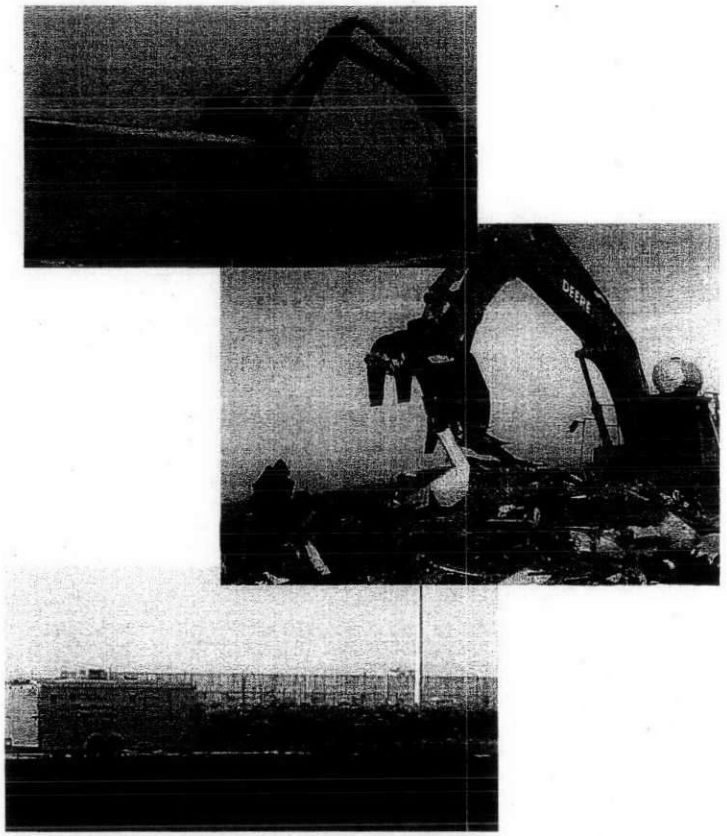
M-015-00, M-016-00, M-024-00



U.S. Department of Energy
U.S. Environmental Protection Agency
State of Washington, Department of Ecology
1st Quarter FY06
January 24, 2006

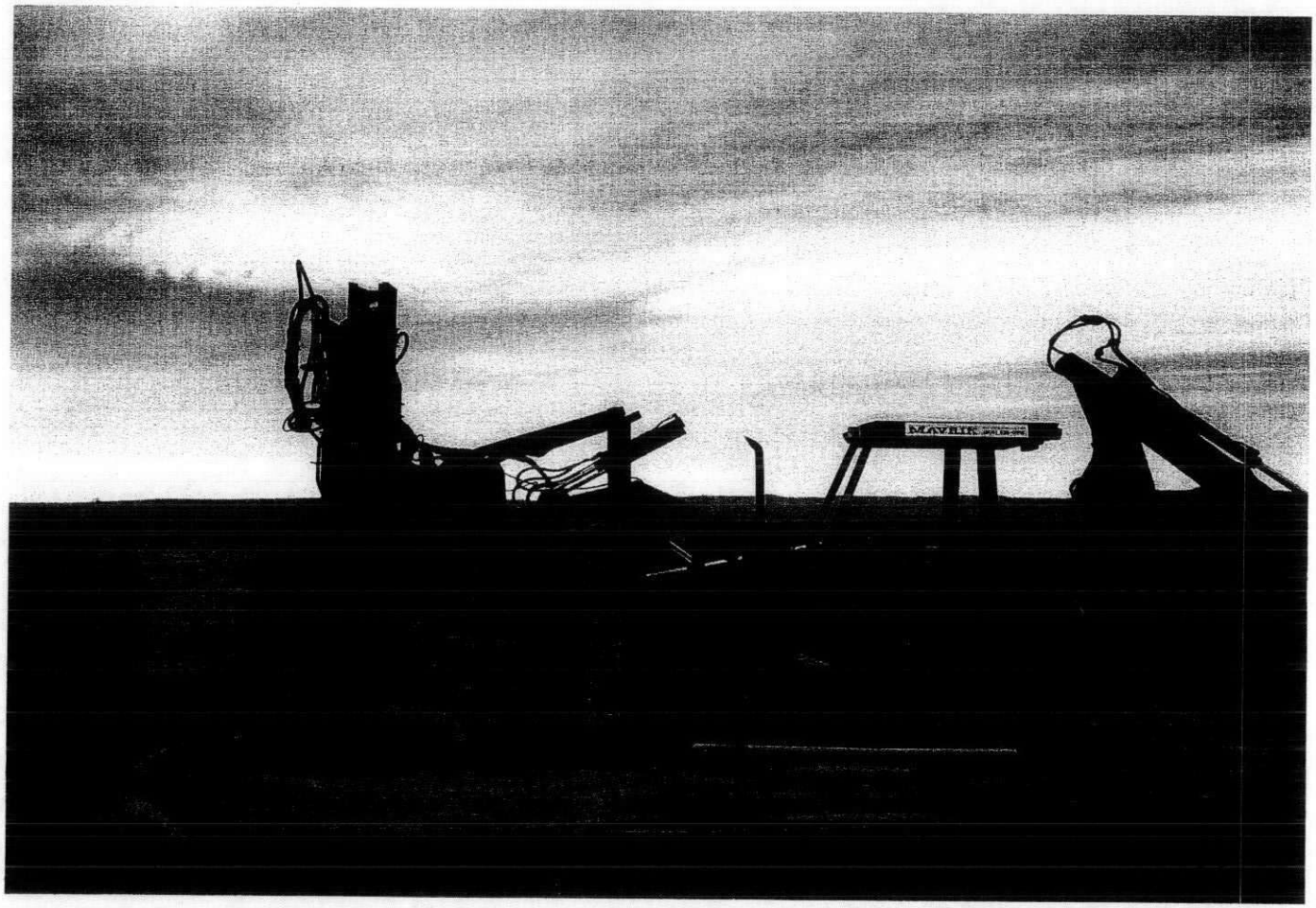
Facilities D&D and Waste Sites Remediation

Area C Haul Road Construction



MO-936 Demolition

Groundwater Remediation



Remedial Action/Characterization Drilling at 100-N Area

Milestone Status

TPA Number	Commitment Date	Milestone Title	Status
M-015-00	**Site Investigations / Feasibility Studies**		
M-015-46A	2/28/06	Submit 200 Area Chemical Laboratory Waste OUs RI Report	On Schedule*
M-015-39C	3/31/06	Submit Draft A 200-CS-1 Chemical Sewer Group FS and Proposed Plan	On Schedule*
M-015-43C	4/30/06	Submit 200-PW-2 OU Feasibility Study/Proposed Plan & Permit Mod	On Schedule*
M-15-44A	4/30/06	Submit 200-MW-1 OU Remedial Investigation Report	On Schedule*
M-015-45A	10/30/06	Submit Plutonium/Organic-Rich OU Remedial Investigation Report	On Schedule*
M-015-46B	09/30/06	Submit 200 Area Chemical Laboratory Waste OUs FS	TPA Change Package in Process to Slip Milestone 120 d
M-015-44B	12/31/06	Submit 200-MW-1 OU Feasibility Study and Proposed Plan	In Jeopardy; working with EPA to revise milestone due to 216-A-4 contamination
M-015-45B	09/30/07	Submit Plutonium/Organic-Rich OU Feasibility Study and Proposed Plan	------
M-015-00C	12/31/08	Complete 200 Area Non-Tank Farm OU Pre-ROD Site Investigations	Concern
M-015-00	12/31/08	Complete RI/FS (or RFI/CMS) Process for all Operable Units	Concern
M-016-00	**Remedial Design / Remedial Action**		
M-016-00	09/20/24	Complete Remedial Actions for all Non-Tank Farm Operable Units	------
M-020-00	**Submit Closure Plans for all RCRA TSD Units**		
M-020-39	3/31/06	Submit 216-S-10 Pond and Ditch Closure Plan to Ecology	On Schedule**
M-020-33	4/30/06	Submit 216-A-10/216-A-36B/216-A-37-1 Crib Closure/Post Closure Plans	On Schedule**

*Schedule changed according to TPA milestone change M-015-05-02

**Schedule changed according to TPA milestone change M-020-05-01

Milestone Status

TPA Number	Commitment Date	Milestone Title	Status
M-024-57G	12/31/05	DOE Shall Install a Cumulative of 45 Wells by 12/31/05	COMPLETE
M-024-57H	06/30/06	DOE Initiates Discussions Annually to Reaffirm Selected Wells	COMPLETE
M-024-57I	08/01/06	Conclude Negotiations and Revise M-024-57 by 08/01/06	On Schedule
M-024-57J	08/01/06	DOE Shall Install a Cumulative of 60 Wells by 12/31/06	On Schedule
M-024-00	TBD	Complete Well Installations in Accordance with RCRA/CERCLA Requirements	------

Project Managers' Assessment

Facilities D&D and Waste Sites Remediation

- Environmental – Good
- Safety – Excellent

9 Months since last CP D&D Recordable Injury

155 Days since last CP D&D First Aid

- Budget – Concern (M-015-00)
- Schedule – Concern (M-015-00)

Groundwater Remediation

- Environmental – Excellent
- Safety – Excellent

Budget – Concern (M-015-00)

- Schedule – Concern (M-015-00)

Significant Accomplishments

Facilities D&D Activities

- Issued U Plant Canyon Disposition Initiative Record of Decision (October 3, 2005).

- Completed demolition of MO-936 as a mockup training exercise for D&D crews preparing for D&D of the Plutonium Finishing Plant's 232-Z Building (December 9, 2005).

- Completed cleaning and inspection of the PUREX Stack Sample Probe to meet National Emissions Standards for Hazardous Air Pollutants (NESHAPS) compliance due date at the end of CY05 (December 15, 2005).

Significant Accomplishments

M-015-00 Complete the RI/FS Process for All OUs & M-015-00C Complete Non-Tank Farm Pre-ROD Site Investigations

Waste Sites Remediation

- Completed geophysical investigations at 8 burial grounds in the 200-SW-2 Radioactive Landfills and Pits Operable Unit (October 2005).

- Continued collaborative DQO workshops with Ecology on the 200-SW1/2 OUs for additional non-intrusive characterization and on the 200-IS-1/200-ST-1 Tanks, Lines, Pits, Boxes and Septic Tanks OUs.

Significant Accomplishments

(M-015-00)

- High-Resolution Resistivity surveys were conducted around the 216-A-4 Crib in the 200-MW-1 Miscellaneous Waste Group OU to aid in evaluating deeper contamination at the site (December 21, 2005).

- Phase I and II Ecological Risk Assessment data were received from the laboratory and validated (December 2005).

Groundwater Remediation

- Eight remedial investigation wells in progress (T-2, T-3, and six 200-UP-1. 4 LLBG wells planned to start on 1/23.

Significant Accomplishments

M-016-00 Complete Remedial Actions for Non-Tank Farm OUs

Waste Sites Remediation

- Issued 200-UW-1 U Plant Waste Sites Action Memorandum (AM) for removal of W-42 vitrified clay pipeline and other interferences with proposed barrier placement on 216-U-8 and 216-U-12 Cribs (November 2005).

- Issued Sampling & Analysis Plan (SAP) for 200-UW-1 U Plant Waste Sites work under the AM (December 15, 2005)

- Issued Removal Action Work Plan (RAWP) for 200-UW-1 U Plant Waste Sites work under the AM (January 3, 2006).

- Began 200-UW-1 field work under the AM (January 9, 2006).

Significant Accomplishments

(M-016-00)

Groundwater Remediation

- Completed the 200-ZP-1 expansion effort.
- Well adjustments and system modifications were made to the 100 H Area DR-5 pump-and-treat.

Significant Accomplishments

M-024-00 Install RCRA Groundwater Monitoring Wells at the rate of up to 50 wells per year.

Groundwater Remediation

- Installed 45 of the 45 groundwater monitoring wells in accordance with Agreement Milestone M-024-57G.

Planned Activities
Next 6 Months

Facilities D&D

- U Plant Canyon Disposition Initiative (CDI) post-ROD work on RDR/RAWP due to regulatory agencies by end of CY06
  - Work on canyon reactivation studies:
    - HVAC
    - Electrical/lighting
    - Canyon crane refurbishment or new crane to be used in each canyon
  - Work on canyon demolition studies:
    - Equipment size reduction/cell optimization
    - Wall demolition
  - Draft RDR/RAWP

Planned Activities

Next 6 Months

- Finalize facility binning report for disposition of Central Plateau structures, and commence creation and approval of EE/CA for non-time critical removal of Bin C facilities.

- Resolve two issues by March 2006 that were noted in Washington Department of Health letter dated January 6, 2006, denying DOE's request to downgrade the B-Plant stack from a major to a minor emission source.

- Obtain approval of EPA and WDOH and approval of an Air Operating Permit modification for downgrade of the PUREX stack from major to minor emission status by March 2006.

Planned Activities
Next 6 Months

M-015-00 Complete the RI/FS Process for All OUs & M-015-00C Complete Non-Tank Farm Pre-ROD Site Investigations

Waste Sites Remediation

- Continue planning for non-intrusive characterization of selected 200-SW-2 sites (Phase I DQO, sampling instructions, field work).
- Complete preparation of 200-LW-1/200-LW-2 Remedial Investigation Report (TPA Milestone M-015-46A).
- Complete preparation of 200-CS-1 Feasibility and Proposed Plan (TPA Milestone M-015-39C).

Planned Activities
Next 6 Months
(M-015-00)

- Complete preparation of 216-S-10 Pond and Ditch Closure/Post-Closure Plan (TPA Milestone M-020-33).

- Continue Central Plateau IAMIT Working Group workshops on the Waste Site Decision Strategy to
  - Complete DQO's for the initiated model groups (Model Groups 4 and 5).
  - Identify and recommend changes and additions to M-013, M-015, M-016 and M-020 and potentially other milestones
  - Complete discussions on integration with groundwater projects.

Planned Activities

Next 6 Months

(M-015-00)

- Address Ecology comments on 200-PW-2/200-PW-4 RI and 200-CS-1 RI reports and integrate appropriately with the ROD Strategy. Supports M-015-43-C & M-015-39C. Central Plateau Working Group DQO is needed to identify additional data needs for FS.

- Continue 200-PW-1 carbon tetrachloride dispersed vadose zone plume remedial investigation field activities (e.g., passive soil vapor surveys).

- Initiate drilling of the 216-Z-9 slant borehole for 200-PW-1.

- Conduct additional High-Resolution Resistivity surveys in the 216-A-4 Crib area to support completion of the characterization at that site for the 200-MW-1 Operable Unit.

Planned Activities
Next 6 Months
(M-015-00)

- Continue planning for and implementation of 200-IS-1 Operable Unit investigations at tanks.

- Initiate remedial investigation activities for 200-IS-1/200-ST-1 Operable Units.

- Reach agreement with EPA on the path forward for the BC Cribs and Trenches FS/PP Draft A to produce Draft B for EPA Region 10 review.

- Continue Central Plateau Ecological Risk Assessment to support RI/FS.

Planned Activities

Next 6 Months

(M-015-00)

Groundwater Remediation

- **200-ZP-1**
  - Complete DQO and SAP supporting the completion of 200-ZP-1 characterization in vicinity of Old Laundry Facility and T Plant.
  - Issue Internal Draft and Decisional Draft of 200-ZP-1 RI Report.
  - Begin preparing the 200-ZP-1 Feasibility Study.

- **200-BP-5 OU**
  - Issue 200-BP-5 DQO Report
  - Stakeholder work shop to discuss DQO comments
  - Issue Drilling SAP for three groundwater wells
  - Revise 200-BP-5 Waste Control Plan
  - Begin 200-BP-5 Work Plan

Planned Activities

Next 6 Months

M-016-00 Complete Remedial Actions for Non-Tank Farm OUs

Waste Sites Remediation

- Obtain 200-UW-1 ROD in February 2006.
- Reclassify the 216-U-12 Crib RCRA TSD unit to a Past Practice unit in January 2006.
- Obtain 200-UW-1 RDR/RAWP approval in April 2006.
- Construct and pave borrow material Haul Road and Inspection Station for 200-UW-1 Waste Sites 216-U-8 and 216-U-12 Cribs proposed barriers by March 2006.
- Initiate proposed barriers construction over 216-U-8 and 216-U-12 Cribs in April 2006.

Planned Activities
Next 6 Months
(M-016-00)

- Clear interferences for installation of 216-U-8 and 216-U-12 Cribs proposed barriers by March 2006.
  - Excavate approx 400 feet of the 200-W-42 vitrified clay pipeline under and between proposed barriers
  - Remove and seal three vent risers
  - Reroute approx 830 feet of the Treated Effluent Disposal Facility (TEDF) line
  - Remove approx 100 feet of the wastewater pipeline
  - Remove concrete slab near U-12 Crib
  - Relocate any miscellaneous markers or utilities

Planned Activities

Next 6 Months

(M-016-00)

Groundwater Remediation

- Continue 200-UP-1 Rebound Study
- Meet with Ecology to discuss 1 year of data for the 200-UP-1 Rebound Study.
- Continue 200-West Area Carbon Tetrachloride Source-Term Investigation (Vista Engineering).

Planned Activities

Next 6 Months

(M-016-00)

- Continue the rebound study on the Treatability Test for 100-KR-4.
- Issue a 100-KR-4 Treatability Test Report.
- Issue 100-NR-2 Ecological Report.
- Conduct initial testing for 100-NR-2 apatite treatability test.

Planned Activities

Next 6 Months

M-024-00 Install RCRA Groundwater Monitoring Wells at the rate of up to 50 wells per year.

Groundwater Remediation

- Install RCRA Groundwater Monitoring Wells

Facilities D&D and Waste Sites Remediation
Schedule/Cost Performance FYTD Status ($000s)

(as of 12-25-05)

Work Scope	BCWS	BCWP	ACWP	SV	CV	BAC
4.01.02.08.03 - 200-UW-1 U Plant Zone Waste Site Remediation	1,616.7	1,114.1	956.9	(502.6)	157.2	6,679.4
4.01.02.08.04 - B/C Cribs, Trenches & Cntl Area Remediation	23.4	27.5	41.7	4.1	(14.2)	50.9
4.01.02.08.18 - Haul Road	860.7	383.4	319.2	(477.4)	64.2	1,149.1
CP-1 Remediation Projects Total	**2,500.9**	**1,524.9**	**1,317.7**	**(976.0)**	**207.2**	**7,879.4**
4.01.02.01.03 - Balance of Canyon and Other Facilities	545.4	508.6	306.5	(36.8)	202.1	1,571.2
4.01.02.08.01 - 200 NPL Common Source Assessment	346.1	315.4	353.6	(30.7)	(38.2)	1,530.2
4.01.02.08.02 - Ecological Risk Assessment	142.5	447.8	435.9	305.3	11.9	1,182.7
4.01.02.08.05 - 200-CW-1 Gable Mtn/B Pond CWG	0.0	0.0	1.3	0.0	(1.3)	0.0
4.01.02.08.06 - 200-CS-1 Chemical Sewer Group	82.5	82.0	55.3	(0.5)	26.7	310.1
4.01.02.08.07 - 200-CW-5 U Pond/Z-Ditches CWG	21.1	8.2	1.8	(12.9)	6.4	102.5
4.01.02.08.08 - 200-TW-1 Scavenged Waste Group	0.0	0.0	0.0	0.0	0.0	0.0
4.01.02.08.09 - 200-PW-2 Uranium-Rich Process	98.4	76.3	66.5	(22.1)	9.8	271.5
4.01.02.08.10 - 200-PW-1 Pu-Rich Waste Group	5.6	355.1	349.6	349.5	5.5	3,229.3
4.01.02.08.11 - 200-LW-1 200A Chem Lab Waste Group	104.3	84.2	64.0	(20.1)	20.2	477.3
4.01.02.08.12 - 200-MW-1 Misc. Waste Group	267.2	195.8	129.7	(71.4)	66.1	460.1
4.01.02.08.13 - 200-UR-1 Unplanned Releases Waste Group	0.0	31.2	39.3	31.2	(8.1)	717.8
4.01.02.08.14 - 200-SW-1 Non-Radioactive Landfills & Dump Group	235.5	200.4	148.6	(35.1)	51.9	1,632.0
4.01.02.08.15 - 200-IS-1 Tanks/Boxs/Pits/Lines Group	211.5	172.5	99.7	(39.1)	72.8	3,071.6
4.01.02.08.16 - 200-BP-1 Hanford Prototype Barrier	1.6	1.4	0.0	(0.3)	1.4	1.6
4.01.02.08.17 - Burial Ground Sampling & Analysis	152.0	23.1	4.9	(128.9)	18.2	215.4
4.01.05.02.01 - 618-10/11 Waste Sites	0.0	0.0	0.4	0.0	(0.4)	0.0
CP-2 Closure Projects Total	**2,213.7**	**2,502.1**	**2,057.1**	**288.4**	**445.0**	**14,773.2**
4.01.02.01.01 - U Plant	59.7	57.6	110.8	(2.1)	(53.2)	500.2
4.01.02.01.02 - Plutonium Concentration Facilities	0.0	0.0	0.6	0.0	(0.6)	0.0
4.01.02.01.03 - Balance of Canyon and Other Facilities	0.0	(0.0)	1.3	(0.0)	(1.3)	0.0
4.01.02.04.02 - 200A GPF - Deactivation & Disposition	0.0	0.1	0.0	0.1	0.1	26.6
4.01.04.02.02 - 400A GPF - Deactivation & Disposition	0.0	0.0	(2.5)	0.0	2.5	0.0
CP-3 Deactivation & Decommissioning Total	**59.7**	**57.7**	**110.2**	**(2.0)**	**(52.5)**	**526.8**

Facilities D&D and Waste Sites Remediation
Schedule/Cost Performance FYTD Status ($000s)

(as of 12-25-05)

Work Scope	BCWS	BCWP	ACWP	SV	CV	BAC
4.01.01.04.02 - 100A GPF - S&M	0.0	0.0	1.0	0.0	(1.0)	0.0
4.01.02.06.01 - CP Min Safe Oversight & Services	742.3	742.3	590.8	(0.0)	151.5	3,278.9
4.01.02.06.02 - Nuclear Facility Support	71.1	71.1	125.3	(0.0)	(54.2)	313.9
4.01.02.06.04 - CP Inactive Waste Sites Min Safe	110.5	110.2	164.5	(0.3)	(54.3)	662.5
4.01.02.06.05 - Misc Facilities Min Safe	169.8	185.4	125.9	15.7	59.5	728.3
4.01.02.06.06 - 209-E Min Safe	76.7	76.7	11.6	(0.0)	65.1	339.8
4.01.02.06.07 - U Plant Min Safe	113.1	113.3	115.9	0.2	(2.6)	494.1
4.01.02.06.08 - B Plant Min Safe	69.3	274.9	190.5	205.6	84.4	350.7
4.01.02.06.09 - PUREX Min Safe	183.0	546.4	484.4	363.3	62.0	887.4
4.01.02.06.10 - REDOX Min Safe	86.7	86.4	77.0	(0.3)	9.4	379.6
4.01.02.06.12 - CP General Purpose Facilities (GPF) Min Safe	30.9	30.9	10.2	(0.0)	20.7	136.8
4.01.02.06.13 - CP Active Waste Sites Min Safe	12.0	12.0	6.2	(0.0)	5.9	53.1
4.01.02.06.14 - Spider Lift - NESHAPs	0.0	0.0	143.4	0.0	(143.4)	0.0
4.01.05.03.02 - 600A GPF - S&M	0.0	0.0	5.3	0.0	(5.3)	0.0
4.01.05.03.03 - 600A Waste Sites S&M	0.0	0.0	1.2	0.0	(1.2)	0.0
CP-4 Surveillance & Maintenance Total	**1,665.4**	**2,249.6**	**2,053.1**	**584.1**	**196.5**	**7,625.1**
4.01.02.07.01 - CP Project Management and Support	521.5	521.5	425.8	(0.0)	95.7	2,303.1
4.01.02.07.02 - Business Managment & Integration	209.2	209.2	138.8	(0.0)	70.4	923.3
4.01.02.07.03 - Chief Engineer	0.0	0.0	0.4	0.0	(0.4)	0.0
4.01.02.07.04 - Technical Support	270.5	270.5	282.6	0.0	(12.2)	1,146.1
4.01.02.07.05 - ESH&Q	300.0	300.0	326.8	(0.0)	(26.8)	1,324.2
4.01.02.07.06 - CP Training	0.0	0.0	1.8	0.0	(1.8)	0.0
CP-5 Project Mgmt & Support Total	**1,301.2**	**1,301.2**	**1,176.2**	**(0.0)**	**124.9**	**5,696.8**
Grand Total	***7,741.0***	***7,635.5***	***6,714.3***	***(105.5)***	***921.1***	***36,501.3***

Cost Performance
($ in Millions)

Cost Variance	FYTD Variance	Causal Factors/Corrective Actions
CP-1 Remediation Projects	0.2	Efficiencies in the haul road mobilization
CP-2 Closure Projects	0.4	Completing the 200-IS-1 DQO Report, Closure Strategy documents and 200-MW-1 HRR for less than planned
CP-3 Deactivation & Decommissioning	(0.1)	Non labor U Ancillary costs continue to be charged to the project after completion
CP-4 Surveillance & Maintenance	0.2	
CP-5 Project Mgmt & Support	0.1	
D&D Totals	0.9	

Updated through December 2005

Groundwater Schedule/Cost Performance

Fiscal Year to Date Status ($Ms)

1st Quarter FY 06

RL-0030 Soil & Water Remediation – Groundwater/Vadose

		Budgeted Cost of Work Scheduled	Budgeted Cost of Work Performed	Actual Cost of Work Performed	Schedule Variance $	Schedule Variance %	Cost Variance $	Cost Variance %	Budget At Completion
RL-0030		$7.4	$7.8	$8.1	$0.4	6.1%	($0.3)	(3.2%)	$37.9
Total		**$7.4**	**$7.8**	**$8.1**	**$0.4**	**6.1%**	**($0.3)**	**(3.2%)**	**$37.9**

Issues

Regulatory Issues

- **Delay of 200-UW-1 ROD**

  EPA and Ecology have not reached agreement on permitting approach for the 31 200-UW-1 sites that may delay issuance of the 200-UW-1 ROD.

  Approval of the ROD is needed to proceed with 200-UW-1

  - finalization of barrier design and implementation

  - preparation of follow-on TPA primary documents (e.g. RDRAs and RAWPs).

Issues

Regulatory Issues

- **BC Cribs & Trenches Remedial Alternative Proposal**
  DOE-RL and EPA need to reach a common understanding for hot spot identification to complete Draft B of the FS/PP.
  - After several collaborative meetings on "cap" versus "cut-n-cap," RL sent letter dated December 8, 2005, to EPA agreeing to excavate where such removal of shallow contamination either:
    - Might eliminate the need for a barrier, or
    - Simplifies the design of a barrier and its associated institutional controls
  - Funding constraints may affect how quickly the resolution can be implemented.

Issues

Non-Regulatory Issues Potentially Impacting TPA Milestones

- **200-MW-1 Crib 216-A-4 Borehole High Contamination Levels** - Characterization of the crib has been halted due to finding much higher than expected contamination levels at the borehole.
  - EPA agreed to a change request to move and roll up 216-A-4 Crib characterization information from the RI Report to the FS Report.
  - A recovery plan is being developed to evaluate potential paths forward for completing this borehole or using alternative investigation techniques and to determine the best way to meet / modify the milestone.

- **Additional 200 Area Waste Site Investigations**

  Central Plateau Working Group Model DQO efforts having staff resource constraints affects ability to complete DQOs supporting 200 Area waste site investigations.

Hanford K Basins Closure Project

Tri-Party Agreement M-34 Milestone Review

U.S. Department of Energy,
Richland Operations Office
First Quarter FY 2006

January 24, 2006

TPA Milestone Status

Remaining Milestones Due Fiscal Year 2006-2009

Number	Milestone Title	Due Date	Status/Comments
M-34-33	Containerize K East Sludge, All K East Sludge is placed in containers a. Sludge containerization initiation (10/31/2004) b. Sludge containerization complete (03/01/2005)	 a. Complete b. October 2006	 a. Initiated on 10/31/2004
M-34-34	Complete removal of K East Sludge	05/2007	On schedule. Need to accelerate completion to complete M34-32 on time.
M-34-35	Containerize K-West Sludge a. All K West bulk sludge is placed in containers b. Complete final pass clean up	 a. July 2007 b. January 2008	On schedule.
M-34-30	Initiate Sludge Treatment This interim milestone will be complete following treatment and packaging of the first unit of sludge into a form that is certifiable for disposal offsite.	12/2008	On schedule.
M-34-32	Complete Removal of the K East Basin Structure This interim milestone will be complete when spent nuclear fuel, sludge, debris and water are removed from the K East Basin and the upper building and concrete basin are removed.	03/31/2007	Requires completion of M34-34.
M-34-31	Complete Sludge treatment This interim milestone will be complete following treatment and package of all sludge for disposal offsite.	11/2009	On schedule. Need to accelerate completion to complete M34-00A on time.
M-34-00A	Complete removal of the K Basins and their contents Note: This milestone will be complete when both K East and K West Basins, spent nuclear fuel, sludge, debris, and water are removed.	03/31/2009	Requires completion of M-34-31. Currently on schedule.

Significant Accomplishments and Status

Project-wide

- Prepared a Project risk mitigation plan and implemented a process to manage and mitigate risks that includes quarterly reviews and updates.
- TPA Change M-34-05-04 was approved.
- Contractor has reorganized the Project into three subprojects:
  - *K East Basin (fuel, debris, and water removal; sludge containerization; demolition and removal)*
  - *K West Basin (fuel, sludge, debris, and water removal; containerization of K West floor and pit sludge, Hose-in-Hose transfer of K East sludge to K West.*
  - *Sludge Treatment (transfer of sludge from K West to the Cold Vacuum Drying Facility, treatment and packaging of sludge).*

Significant Accomplishments and Status

Sludge Removal and Disposition

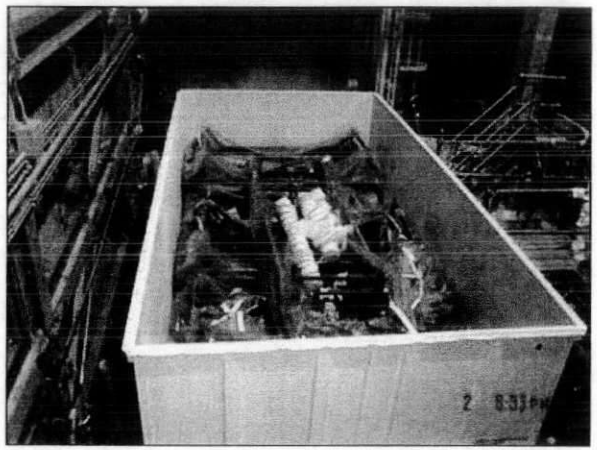
- Completed installation and commenced operation of sludge container overflow collection pumping system (SCOOPS) in K East Basin to mitigate impacts on basin water turbidity during sludge pumping operations. Has shown to be a success.
- Completed installation of a door to the pit in the K East Basin used to settle solids from sand filter backwashing to mitigate impacts on basin water turbidity during backwashing.
- Received approval of a remedial design report change adding a water return line from K West Basin to K East Basin to be used during sludge transfers from K East Basin to K West Basin.
- Procured and received delivery of water return line.
- Installed sludge accumulation containers in K West Basin to receive sludge transferred from K East Basin and sludge that will be removed from the floors and pits in K West Basin.
- Performed sludge transfer pump erosion testing to simulate effects of pumping sludge from K West to the Cold Vacuum Drying Facility.

Significant Accomplishments and Status

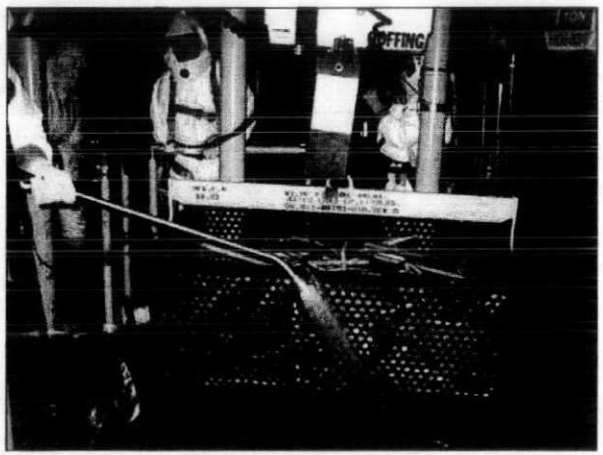
Sludge Removal and Disposition - continued

- Completed design reviews of the Sludge Treatment and Packaging Systems:
  - *90% of Imaging Passive-Active Neutron (IPAN) and Mobile Solidification System (MOSS) processes*
  - *60% of corrosion process*
- Issued Request for Proposals for MOSS.
- Continued with hazard analyses and definition of controls associated with the Sludge Treatment and Packaging system supporting the nuclear safety analyses.
- Treated and packaged first Large Diameter Container of K East Basin North Loadout Pit sludge at T Plant as CH TRU waste.
- The contractor commissioned an Expert Review Team to reassess sludge treatment technology selection conclusions:
  - *No technology different than the baseline process of hot water oxidation would provide any cost or scheduled advantage.*
  - *Technical approaches for sludge treatment exist that can reduce dose consequences and subsequent risks (e.g., reducing corrosion vessel pressure and temperature, may have schedule impacts).*

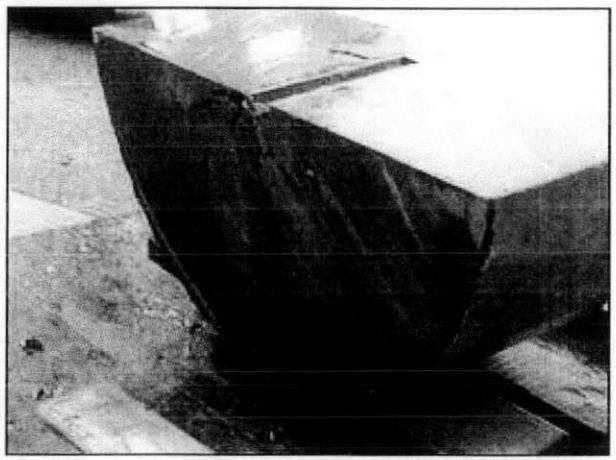
Significant Accomplishments and Status



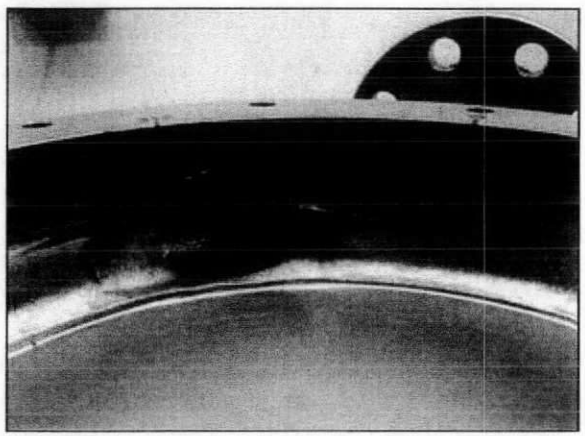
IP-2 Container holding K East racks and debris



Debris basket load out



Sludge Treatment Pump mixing test drum #3 quartered



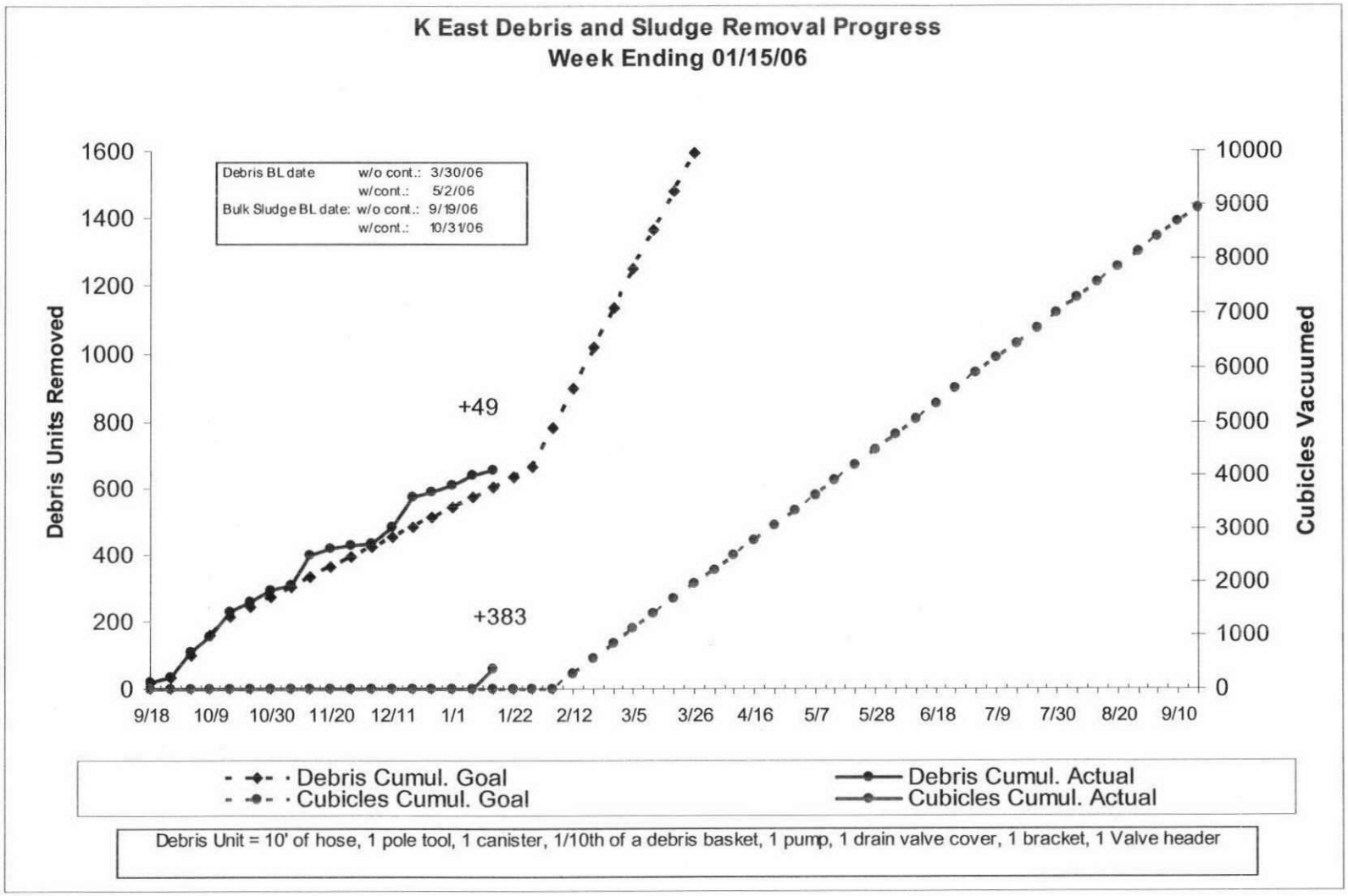
Sludge Transfer Pump erosion testing conducted to predict reuse for treatment

Significant Accomplishments and Status

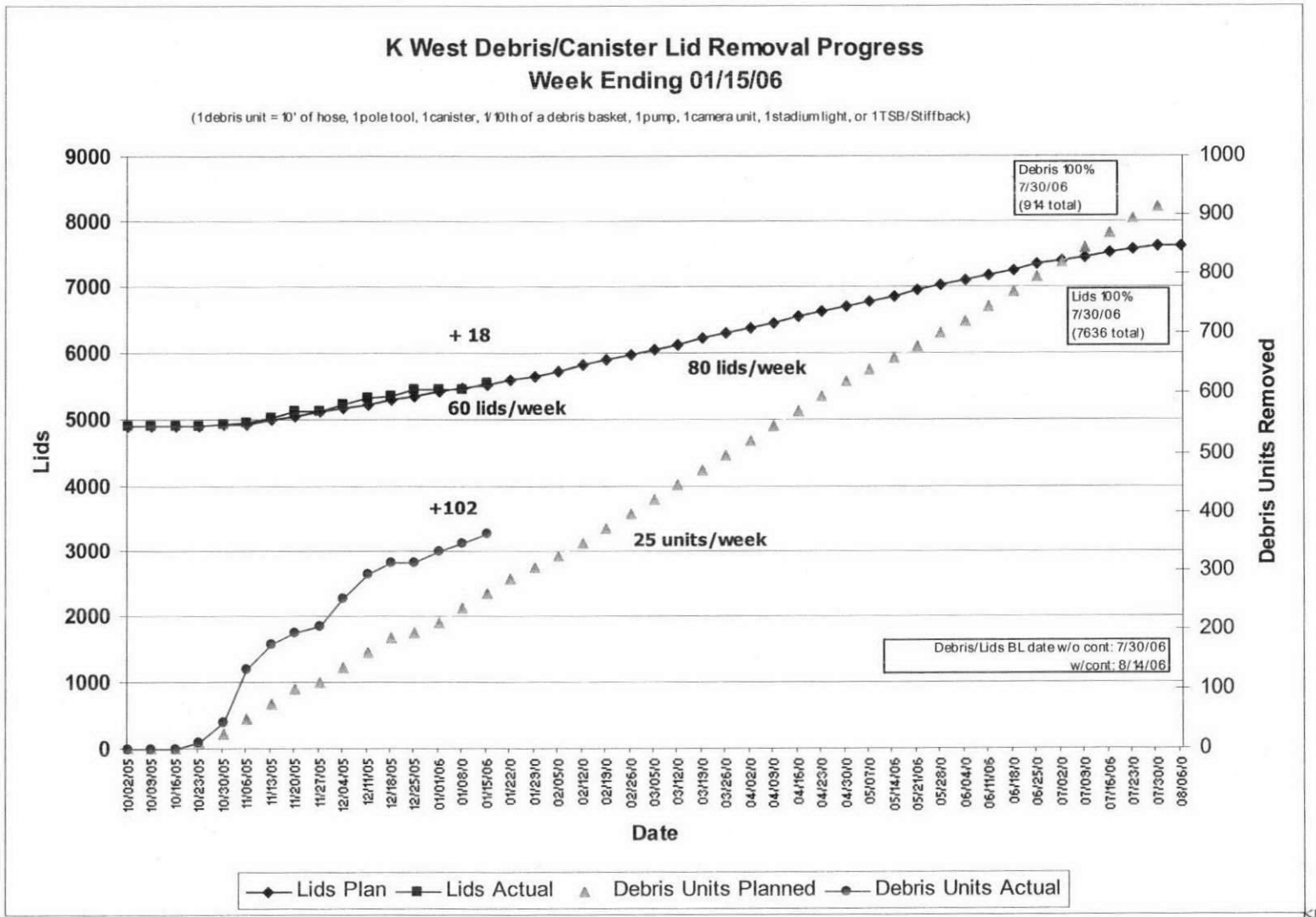
Debris Removal and Disposition

- General
  - *Developed metric, described as "debris unit", to track debris removal progress (debris unit is defined as: 10 feet of hose, 1 pole tool, 1 canister, 1/10th of debris basket, 1 pump, 1 drain valve cover, 1 bracket, 1 valve header, etc.)*
- K East Basin
  - *Completed the removal of 198 fuel canister storage racks (6 racks remain for storage of canisters that will remain in the basin).*
  - *Removing debris from KE Basin, slightly ahead of schedule.*
  - *Resumed limited sludge containerization. Will ramp up to full time as debris removal moves towards completion. Baseline start date for sludge containerization is February 9, 2006.*
- K West Basin
  - *Removing debris from KW Basin, ahead of baseline schedule by approx. 4 wks.*

K East Metrics



K West Metrics



Significant Accomplishments and Status

Legacy Fuel Management

- Shipped 10 debris canisters from K East Basin to K West Basin for sorting and segregation of fuel fragments.
- Prepared a One-Time Request for Shipment (OTRS) for the return of K Basin fuel from PNNL (325 Building)

K Basin Deactivation and Demolition

- Completed implementation of the Hydrolasing Authorization Basis (i.e., Safety Analysis Report)
- Issued draft OTRS for K East Basin monolith for review.

Upcoming Activities (next 3 months)

Project-wide

- Manage current and emerging risks.

Fuel Removal

- Collect and stage "Found Fuel" and scrap fuel for removal.
- Retrieve fuel fragments from 325 building.
- Ship suspect fuel found in K East Basin to 325 Building for characterization.
- Work with Washington Closure Hanford (WCH) to receive fuel fragments of questionable enrichment from remedial action operations associated with burial grounds.

Debris Removal

- Complete removal of debris in the K East Basin.
- Continue removal of debris in K West Basin.
- Continue to ship debris waste to the Environmental Restoration Disposal Facility (ERDF) for disposal.

Upcoming Activities (next 3 months)

Sludge Retrieval and Disposition

- Continue sludge pumping and containerization in the K East Basin. Ramp up to full vacuuming over the next 60 days.
- Continue pumping floor and pit sludge in K West Basin to the Tech View Pit.
- Complete K West floor and pit sludge retrieval system installation
- Complete Hose-in-Hose sludge transfer system Integrated Acceptance Test.
- Complete 90% design of K West Basin sludge retrieval and transfer system.
- Conduct preparations for the Operational Readiness Review of the K East Basin to K West Basin Hose-in-Hose sludge transfer system.

K East Basin Deactivation and Demolition

- Initiate testing and vibration analysis to support monolith OTRS.
- Complete memorandum of understanding between FH and WCH for transport and disposal of K East monolith sections at ERDF.

KBC Project Risk Status

Risks are those factors associated with the Project, both existing and emerging, that can result in cost and schedule impacts. These risks are being managed by a Risk Mitigation Plan with the objective of minimizing cost and schedule impacts.

Subproject	Major Risks	Emerging Risks
K East Basin	1. Re-deposition of sludge will necessitate additional vacuuming. 2. Basin water clarity decreases productivity of debris removal and sludge containerization. 3. Quantity of debris in basin is greater than originally estimated. 4. Uncertain enrichment of discovered fuel requiring transport to PNNL for assay.	1. The waste designation and disposal pathway of approximately 100 boron trifluoride neutron detectors recently discovered in the K East Basin.
K West Basin	1. Hose-in-Hose integrated testing identifies additional concerns that requires rework, procurement and/or retest.	
Sludge Treatment	1. Hazards associated with treatment process force redesign. 2. Existing Hose-in-Hose transfer equipment will not work for balance of sludge at higher solids ratios.	1. Change in seismic criteria to that which has been recently identified for the Waste Treatment Plant. 2. Ability to maintain Sludge Treatment and Packaging System Equipment. 3. Increased complexity of CVDF modifications.

Performance Measurement Terminology

BCWS (Budgeted Cost of Work Scheduled)

- BCWS represents the baseline budget for a scope of work over time. BCWS is normally combined with a term such as "Current Period" or "Fiscal Year to Date (FYTD)" to identify the time period the BCWS is associated with. BCWS is created by spreading the baseline cost estimate for a scope of work across its schedule activity duration based on the expected monthly level of activity. BCWS is the basis for the funding requested to perform a scope of work and is maintained through a documented change control process

BCWP (Budgeted Cost of Work Performed)

- BCWP represents the value of the work actually accomplished during a period based upon its budgeted value or BCWS. BCWP is a measure of the value of work based upon the physical work reported complete per the baseline schedule status update

ACWP (Actual Cost of Work Performed)

- ACWP represents the actual costs incurred to perform the work that was completed during a period and recorded as BCWP. For any particular period, ACWP includes accruals for costs not invoiced or booked associated with work that was performed during the period

SCHEDULE VARIANCE (SV)

- SV represents the difference between the work actually accomplished and the work planned or scheduled during any particular time period. (SV= BCWP-BCWS) A positive SV reflects an ahead of schedule situation while a negative SV reflects that work is behind the scheduled plan

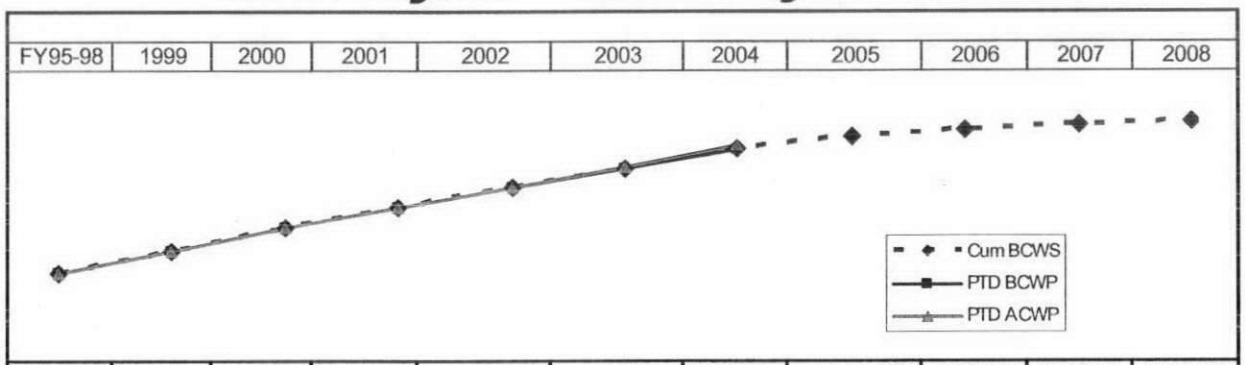
COST VARIANCE (CV)

- CV represents the difference between the budgeted value of the work actually accomplished and the actual costs incurred to perform the work. (CV=BCWP-ACWP) A positive CV reflects the work being accomplished for less than its budgeted value and a negative CV reflects the work costing more to complete than planned

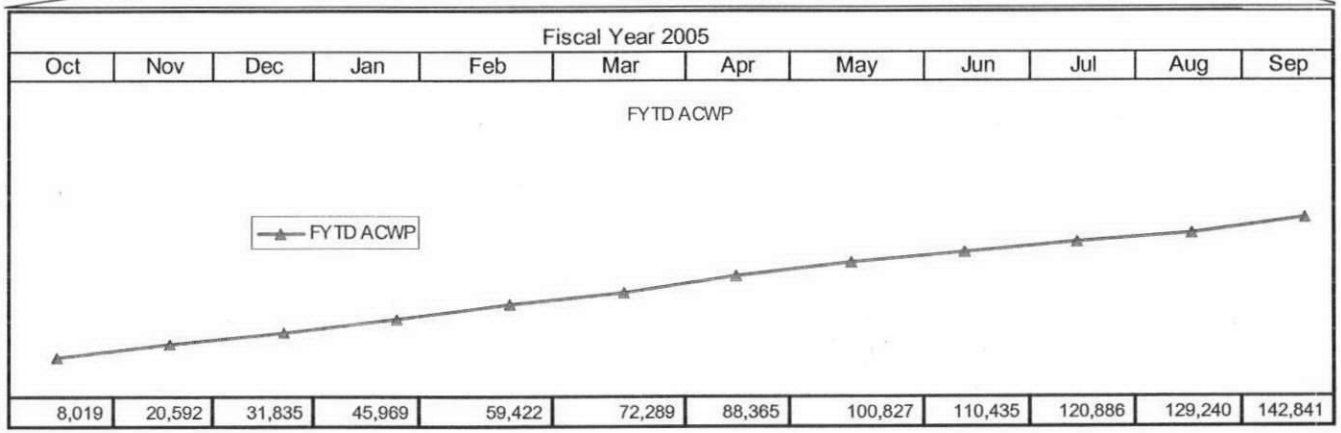
BAC (Budget at Completion)

- BAC represents the total baseline budget for a scope of work associated with either a fiscal year or life cycle. BAC is the summary of all monthly BCWS values for a scope of work within the fiscal year or life cycle. On a fiscal year end report the FYTD BCWS will equal the FY BAC

KBC Project – Total Project Baseline



	FY95-98	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
Cum BCWS	533,003	718,798	920,091	1,086,852	1,268,535	1,424,719	1,584,317	1,690,538	1,747,871	1,793,376	1,810,604
PTD BCWS	533,003	718,798	920,091	1,086,852	1,268,535	1,424,719	1,584,317	1,690,538			
PTD BCWP	533,003	718,798	920,091	1,086,852	1,268,535	1,419,776	1,579,222	1,680,821			
PTD ACWP	533,003	718,798	920,091	1,086,852	1,268,535	1,431,581	1,623,358	1,766,199			
% Sch	29.4%	39.7%	50.8%	60.0%	70.1%	78.7%	87.5%	93.4%	96.5%	99.0%	100.0%
% Cmpl	29.4%	39.7%	50.8%	60.0%	70.1%	78.4%	87.2%	92.8%			
SPI	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.99			
CPI	1.00	1.00	1.00	1.00	1.00	0.99	0.97	0.95			



	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
FYTD ACWP	8,019	20,592	31,835	45,969	59,422	72,289	88,365	100,827	110,435	120,886	129,240	142,841

KBC Stabilization and Disposition Project Performance through First Quarter FY 2006

	($ in thousands) By PBS	FYTD ACWP
PBS RL-0012	Safe and Compliant	$ 5,399.5
PBS RL-0012	Sludge Retrieval and Disposition	$ 16,763.2
PBS RL-0012	D&D Deactivation	$ 1,918.8
PBS RL-0012	Closure Services	$ 3,697.5
	TOTAL	$ 27,778.9

Tri-Party Agreement Major Milestone Management Review

January 24, 2006

Name	Organization	Mail Stop	Attachments Yes/No
KEN QUIGLEY	FH		
Dale McKenney	FH		
STACY CHARBONEAU	DOE		Yes
Andrea Hopkins	FH		
RON MORRISON	FH	HB-12	yes
ELLEN Mattson	DOE		
Jeannette Hyatt	FH	HB-40	
Jim Rasmussen	DOE/ORP		
Steve Chalk	DOE/RL		YES
Rick Bond	Ecology		No
ROB PIPP	FH	HB-12	YES
Deborah Singleton	Ecology		Yes
Laura Cusack	Ecology		yes
Harold Tilden	PNNL	K3-75	No
Eric Van Mason	Ecy	HO-57	No
Frank Roddy	DOE	A6-38	No
D Faulk	EPA		
J. Hebdon	DOE		Yes
C. SINTON	DOE		
Suzette Thompson	FH		No
Tim Simmons	FH		
Tony Mishko	FH		NO
Larry Gadbois	EPA		
John Price	Ecy		NO
Lanny Dusek	FH		NO
Craig Cameron	EPA		No

Tri-Party Agreement Major Milestone Management Review

January 24, 2006

Name	Organization	Mail Stop	Attachments Yes/No
Jennie Shults	Ecology		NO
Tulanda Brown	FH		NO
Janice Williams	FH		No
R D Hildebrand	DOE-RL		Yes
D E Faulkner	DOE-RL		NO
Frank Roddy	DOE		no
Briant Charboneau	DOE		yes
Nicky Cata	EPA		NO
Ellen Dagan	DOE		NO

Meeting Summary
January 24, 2006
Location: Ecology Offices, Room 3b (Yakima River)
3100 Port of Benton Way
Richland, Washington

Meeting	**Time**
Milestone Review	9:00 a.m. to 11:00 a.m.
IAMIT Meeting	11:00 a.m. to 11:40 a.m.

Central Plateau Milestone Review
Chairman: Matt McCormick

9:00 a.m.	M-35-09	Data Management Enhancements
9:05 a.m.	M-83-00	PFP Transition
9:25 a.m.	M-26-01	Land Disposal Restrictions Report
	M-91-00	Acquisition of Facilities to TSD TRU/TRUM and LLMW
	M-92-05	Facilities for Cesium/Strontium
9:40 a.m.	M-20-00	Permitting/Closure Plans
10:00 a.m.	M-15-00	RI/FS Process Completion
	M-16-00	Complete Remedial Actions
	M-24-00	Groundwater Well Installation
10:35 a.m.	M-34-00	K Basins Closure Project
11:00 a.m.	Adjourn Milestone Review	

Inter-Agency Management Integration Team Meeting
Chairman: Matt McCormick
Location: Ecology Offices, Room 3b (Yakima River)
3100 Port of Benton Way
Richland, Washington

11:00 a.m.	Nick Ceto	Discuss the role of the IAMIT with regard to the role of the Tri-Party Executive Committee
11:20 a.m.	John Sands	MP-14 Procedure discussion
11:40 a.m.	Adjourn IAMIT	