AGENDA
TRI-PARTY AGREEMENT MAJOR MILESTONE MANAGEMENT REVIEW
CHAIRPERSON: D. R. Sherwood

Tuesday, March 27, 2001 **712 Swift Blvd., Suite 5, EPA Conference Room**

TIME	MILESTONE	TITLE	RL DIVISION DIRECTOR	CONTRACTOR MANAGER	PRESENTER
9:00 am	M-13-00	Complete RI/FS Submittals	J. D. Goodenough	T. E. Logan	J. D. Goodenough
	M-15-00	RI/FS Process Completion	J. D. Goodenough	T. E. Logan	J. D. Goodenough
	M-16-00	Complete Remedial Actions	J. D. Goodenough	T. E. Logan	J. D. Goodenough
	M-24-00	RCRA Well Installation	J. D. Goodenough	T. E. Logan	J. D. Goodenough
	M-93-00	Disposition of Surplus Reactors	J. D. Goodenough	T. E. Logan	J. D. Goodenough
11:00 am	M-91-00	Acquisition of Facilities to TSD TRU/TRUM, LLMW and GTC3	G. H. Sanders	E. S. Aromi	T. A. Shrader
	M-26-01	Land Disposal Restrictions	G. H. Sanders	E. S. Aromi	G. L. Sinton
	M-26-05	Tritium Treatment Technology	G. H. Sanders	E. S. Aromi	G. Richardson
12:00 noon	Adjourn				

Richland Environmental Restoration Project

TPA Quarterly Review

Tri-Party Agreement

U.S. Department of Energy
U.S. Environmental Protection Agency
Washington State Department of Ecology

March 27, 2001

E0006019.1

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- Surveillance/Maintenance and Transition Projects
- Program Management and Support – ERC

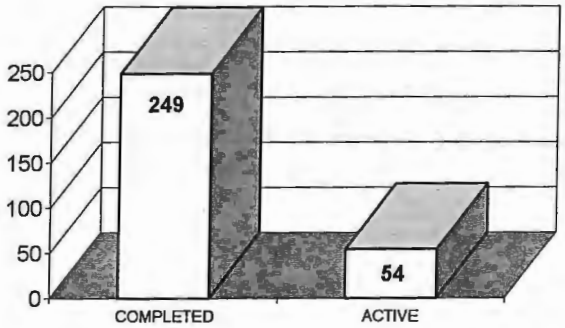
4. CURRENT ISSUES

5. COST / SCHEDULE STATUS

- Overview
- TPA Schedule
- Project Performance

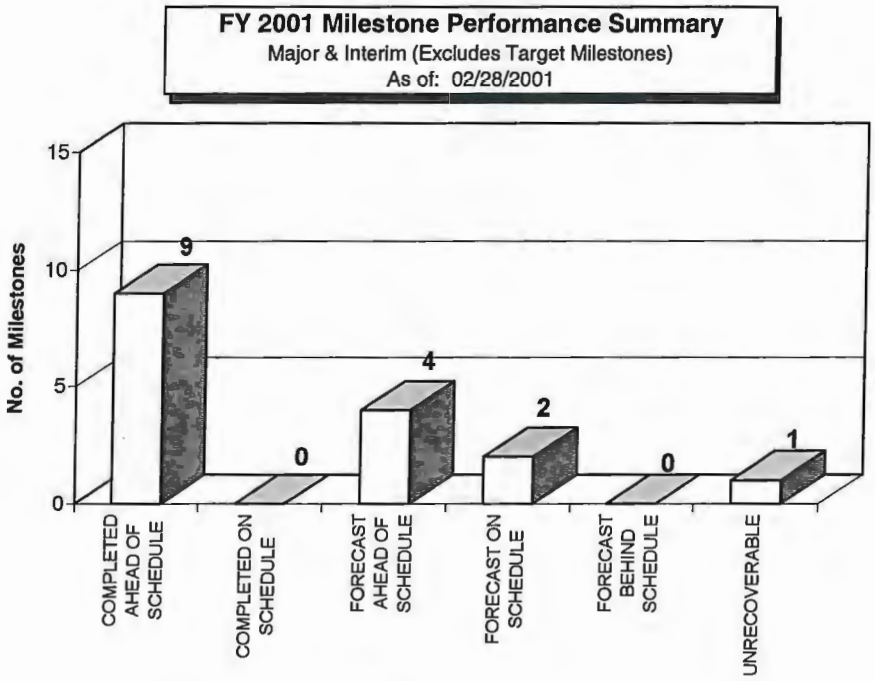
TPA Milestone Statistics

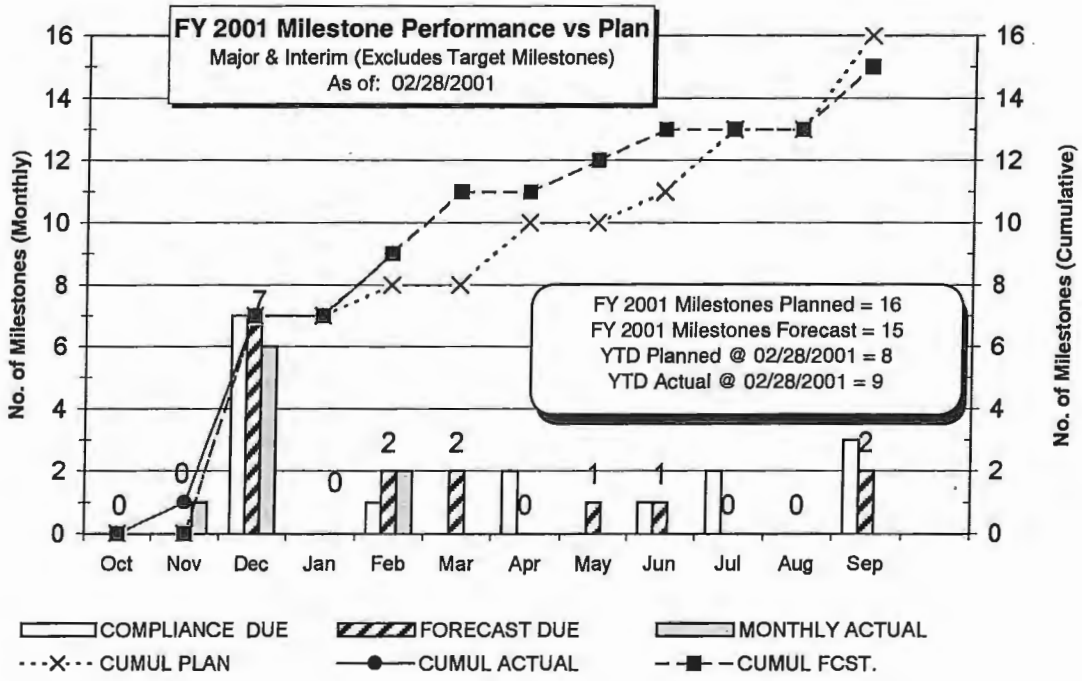
Major & Interim (Excludes Target Milestones)



	Compliance Due Date	Total Active @ 2/2001	Milestone Number	Compliance Due Date	Milestone Number	Compliance Due Date
M-13-00 Submit Work Plans for RFI/CMS or RI/FS Studies (Groundwater/Vadose)	**12/31/2005** (M-13-00P)	**6**	*M-13-25 (C)*	*12/31/00*	M-13-00O	12/31/04
			M-13-00K (C)	*12/31/00*	M-13-00P	12/31/05
			M-13-26	6/30/01		
			M-13-00L	12/31/01		
			M-13-00M	12/31/02		
			M-13-00N	12/31/03		
M-15-00 Site Investigations / Feasibility Studies (Groundwater/Vadose)	**12/31/2008** (M-15-00)	**9**	M-15-38A	11/30/01	M-15-39C	11/30/05
			M-15-40A	9/30/02	M-15-00C	12/31/08
			M-15-40B	5/31/03	M-15-00	12/31/08
			M-15-39A	9/30/03		
			M-15-39B	5/31/04		
			M-15-40C	10/31/04		
M-16-00 Remedial Design / Remedial Action (Remedial Action / Groundwater)	**9/30/2018** (M-16-00)	**20**	*M-16-27A (C)*	*12/31/00*	M-16-27C	9/30/02
			M-16-26D (C)	*2/28/01*	M-16-10A	8/1/03
			M-16-07B (C)	*7/31/01*	M-16-26E	9/30/04
			M-16-41A	7/31/01	M-16-13B	10/29/04
			M-16-26C	9/30/01	M-16-26F	2/28/05
			M-16-26G	9/30/01	M-16-00	9/30/18
			M-16-03E	9/30/01	M-16-01	TBD
			M-16-00F	12/31/01	M-16-03F	TBD
			M-16-27B	12/31/01	M-16-00A	TBD
			M-16-26B	3/31/02	M-16-00B	TBD
			M-16-41B	3/31/02	M-16-41C	TBD
			M-16-03A	6/30/02		
M-20-00 Submit Closure Plans for All RCRA TSD Units (Groundwater/Vadose)	(Shared with FH) **2/28/2004** (M-20-54)	**5**	M-20-39	2/28/03	M-20-53	12/31/03
			M-20-33	10/31/03	M-20-54	2/28/04
			M-20-52	12/31/03		
M-24-00 RCRA Groundwater Monitoring (Groundwater/Vadose)	**12/31/2006** (M-24-00R)	**8**	*M-24-46 (C)*	*12/31/00*	M-24-00O	12/31/03
			M-24-47 (C)	*12/31/00*	M-24-00P	12/31/04
			M-24-48 (C)	*12/31/00*	M-24-00Q	12/31/05
			M-24-00L (C)	*12/31/00*	M-24-00R	12/31/06
			M-24-49	4/30/01		
			M-24-50	4/30/01		
			M-24-00M	12/31/01		
			M-24-00N	12/31/02		
M-70-00 ERDF Operational	**7/01/1996A** (M-70-00)	**0**				
M-93-00 Reactors on River Final Disposition (Decommissioning)	**TBD** (M-93-00)	**6**	M-93-12	2/28/02	M-93-11	9/30/03
			M-93-14	6/30/03	M-93-15	12/31/03
			M-93-10	7/31/03	M-93-00	TBD
TOTAL ACTIVE MILESTONES		**54**	**9 --- FY01 MILESTONES COMPLETED *(C)***			

FY 2001 TPA MILESTONE PERFORMANCE METRIC





ENVIRONMENTAL RESTORATION PROJECT

FY 2001 TPA MILESTONE SUMMARY
(Excludes Target Milestones)

PBS	Milestone	Description	Compliance Date	Forecast/ Actual Date	Completed		Forecast			Unrecoverable	Deleted
					Ahead Schedule	On Schedule	Ahead Schedule	On Schedule	Behind Schedule		
ER02	M-13-00K	Submit 1 200 NPL RI/FS (RFI/CMS) Work Plan	12/31/2000	12/21/2000(A)	X						
ER02	M-13-25	Submit Uranium Rich Process Waste Group (200-PW-2) Work Plan	12/31/2000	12/21/2000(A)	X						
ER08	M-16-27A	Complete 100-HR-3 Phase I, ISRM Barrier Emplacement (Planning, Well Installation, and Barrier Emplacement)	12/31/2000	11/01/2000(A)	X						
ER08	M-24-46	Install Two Additional Wells at SST WMA S-SX	12/31/2000	12/27/2000(A)	X						
ER08	M-24-47	Install Four Additional Wells at SST WMA T	12/31/2000	12/27/2000(A)	X						
ER08	M-24-48	Install Four Additional Wells at SST WMA TX-TY	12/31/2000	12/27/2000(A)	X						
ER08	M-24-00L	Install RCRA Groundwater Monitoring Wells at Rate of up to 50 in CY00 if Required	12/31/2000	12/27/2000(A)	X						
ER10	C-10-08	Issue Hanford Site Waste Management Unit Report	01/31/2001	01/11/2001(A)	(TPA commitment milestone not included in total count)						
ER01	M-16-26D	Begin Excavation Activities at 100 B/C Process Effluent Pipelines	02/28/2001	02/26/2001(A)	X						
ER08	M-24-49	Install Three Additional Wells at SST WMA S-SX	04/30/2001	03/30/2001(F)			X				
ER08	M-24-50	Install Two Additional Wells at SST WMA TX-TY	04/30/2001	03/18/2001(F)			X				
ER02	M-13-26	Submit Plutonium/Organic-Rich Process Waste Group (200-PW-1) Work Plan	06/30/2001	*TBD				X			
ER01	M-16-07B	Complete Remediation and Backfill of 22 Liquid Waste Sites and Process Effluent Pipelines in the 100-DR-1 and 100-DR-2 Operable Units as Defined in Remedial Design Report/Remedial Action Work Plan for the 100 Area	07/31/2001	02/28/2001(A)	X						
ER01	M-16-41A	Complete Remedial Action Excavation for JA Jones 1 and 600-23 Waste Sites	07/31/2001	05/23/2001(F)			X				
ER01	M-16-26C	Complete Remediation and Backfill of 10 Liquid Waste Sites and Process Effluent Pipelines in the 100-HR-1 Operable Unit as Defined in Remedial Design Report/Remedial Action Work Plan for the 100 Area	09/30/2001	08/27/2001(F)			X				
ER01	M-16-26G	Remove Filter Boxes and Complete Verification Sampling for 100-B-12 Waste Site	09/30/2001					X			
ER03	M-16-03E	Complete Remediation of Waste Sites in 300-FF-1 Operable Unit (excluding 618-4 Burial Ground), to Include Excavation, Verification, and Backfilling	09/30/2001	09/30/2002(F)						X	
TOTAL FY 2001 TPA Milestones			**16**		**9**	**0**	**4**	**2**	**0**	**1**	**0**

M-16-26B completion date revised from 2/28/2001 to 3/31/2002 per CR M-16-00-05
*Additional workscope requested to be incorporated. Draft TPA change request has been submitted to regulators.

TPA Change Requests (December 2000 - February 2001)

found 60 Drums

M-16-01-01
100-IU-6 OU
Remedial Action
Approved - 1/4/01

This change request established three new interim milestones to complete remediation of the JA Jones 1 and 600-23 waste sites:

M-16-41A (7/31/01) - Complete Remedial Action Excavation for JA Jones 1 and 600-23 Waste Sites

M-16-41B (3/31/02) - Submit Closeout Verification Package for JA Jones 1 and 600-23 Waste Sites for EPA Approval

M-16-41C (TBD)* - Complete Backfill and Regrading of JA Jones 1 and 600-23 Waste Sites (Revegetation will occur during the following planting season.)

*Complete backfill and regrading will be determined with the proposed renegotiation of M-16-03E, "Complete Remediation of Waste Sites in 300-FF-1 OU (excluding the 618-4 Burial Ground) to Include Excavation, Verification, and Backfilling".

M-24-00-03
Modify RCRA Well Installation
Approved - 1/8/01

This change request modified the order of RCRA well installations identified in the interim milestones under **M-24-00L** and **M-24-00M**. The number of wells to be installed and milestone completion dates were not changed.

M-16-01-02
100 H Area
Remediation
Approved - 2/7/01

M-16-26C, "Complete Remediation and Backfill of 10 Liquid Waste Sites and Process Effluent Pipelines in the 100-HR-1 OU as Defined in the Remedial Design Report/Remedial Action Work Plan for the 100 Area", required extension due to elevated arsenic and chromium contamination levels encountered during closeout verification activities. This change request revised the milestone completion date from May 31 to September 30, 2001.

TPA Change Requests (December 2000 - February 2001)

M-16-00-05
100 B/C Pipeline Remediation
Approved - 2/13/01

M-16-26B, "Complete Remediation, Backfill, and Revegetation of 51 Liquid Waste Sites and Process Effluent Pipelines in the 100-BC-1, 100-BC-2, 100-DR-1, 100-DR-2, and 100-HR-1 Operable Units as Defined in Remedial Design Report/Remedial Action Work Plan for the 100 Area", due February 28, 2001, was impacted by contamination plumes and prior-year funding/priority limitations. The contract for the 100 B/C pipeline remediation was awarded on November 28. This change request revised the title and completion date for M-16-26B and established four new interim milestones that identify remedial action activities for 100 B/C pipeline workscope as follows:

M-16-26B (3/31/02) - Complete Remediation and Backfill of 51 Liquid Waste Sites in 100-BC-1, 100-BC-2, 100-DR-1, 100-DR-2, and 100-HR-1 Operable Units (OU) and Process Effluent Pipelines in the 100-DR-1, 100-DR-2, and 100-HR-1 OUs. Complete Revegetation of 36 Liquid Waste Sites in 100-BC-1, 100-DR-1, 100-DR-2, and 100-HR-1 OUs as Defined in RDR/RAWP for the 100 Area.

M-16-26D (2/28/01) - Begin Excavation Activities at 100 B/C Process Effluent Pipelines

M-16-26E (9/30/04) - Complete Excavation and Removal of 100 B/C Process Effluent Pipelines

M-16-26F (2/28/05) - Complete Backfill of 100 B/C Process Effluent Pipeline Excavations

M-16-26G (9/30/01) - Remove Filter Boxes and Complete Verification Sampling for 100-B-12 Waste Site

Proposed TPA Change Requests

M-16-01-XX

Proposed

M-16-03E, "Complete Remediation of Waste Sites in 300-FF-1 Operable Unit (excluding 618-4 Burial Ground), to Include Excavation, Verification, and Backfilling", due September 30, will be missed due to the decision to perform a Kd study on uranium leachability in the 300 Area. Backfill/regrading will be deferred until study results confirm no further excavation is required. A TPA change package will be prepared in the May timeframe.

M-15-00-04
200-TW-1 OU
Assessments
Proposed

This change request proposes adding three interim milestones to implement additional activities for the 200-TW-1 Operable Unit Remedial Investigation/Feasibility Study process:

M-15-41A (09/30/01) - Complete 200-TW-1 OU Field Work Through Drilling and Sample Collection

M-15-41B (10/30/02) - Submit 200-TW-1 OU Draft A Remedial Investigation Report to EPA

M-15-41C (03/31/04) - Submit 200-TW-1 OU Draft A Feasibility Study and Draft A Proposed Plan to EPA

M-15-00-05
200-TW-2 OU
Assessments
Proposed

This change request proposes adding three interim milestones to implement additional activities for the 200-TW-2 Operable Unit Remedial Investigation/Feasibility Study process:

M-15-42A (10/31/01) - Complete 200-TW-2 OU Field Work Through Drilling and Sample Collection

M-15-42B (09/30/02) - Submit 200-TW-2 OU Draft A Remedial Investigation Report to Ecology

M-15-42C (03/31/04) - Submit 200-TW-2 OU Draft A Feasibility Study and Draft A Proposed Plan/Proposed Permit Modification to Ecology

M-15-00-06
200-PW-2 OU
Assessments
Proposed

This change request proposes adding three interim milestones to implement additional activities for the 200-PW-2 Operable Unit Remedial Investigation/Feasibility Study process:

M-15-43A (09/30/02) - Complete 200-PW-2 OU Field Work Through Sample Collection and Analysis

M-15-43B (06/30/03) - Submit 200-PW-2 OU Draft A Remedial Investigation Report to Ecology

M-15-43C (12/31/04) - Submit 200-PW-2 OU Draft A Feasibility Study/Closure Plan and Draft A Proposed Plan/Permit Modification to Ecology

Proposed TPA Change Requests

M-15-38A

Proposed

The regulatory framework for completing the 200-CW-1 feasibility study is not yet established. This impacts the completion of TPA Milestone **M-15-38A**, "Submit Draft A Gable Mountain Pond/B Pond and Ditch Cooling Water Group FS and 216-B-3 Pond System RCRA TSD Unit Closure Plan and Submit Draft A Gable Mountain Pond/B Pond and Ditch Cooling Water Group Proposed Plan/Proposed RCRA Permit Modification" (due November 30, 2001). A recommended approach was transmitted to the regulators and received concurrence. A draft TPA change request will be prepared reflecting the recommended approach to complete the 200-CW-1 feasibility study.

M-13-01-01
200-PW-1
Work Plan
Proposed

EPA requested that the 200-PW-1 work plan incorporate all investigations needed to answer questions surrounding the source of carbon tetrachloride contamination in the vadose zone. This is a significant expansion of the workscope for completing the 200-PW-1 work plan, and a potential impact is that TPA Milestone **M-13-26**, "Submit Plutonium/Organic-Rich Process Waste Group (200-PW-1) Work Plan" (due June 29) will not be met. A draft TPA change request was transmitted to EPA on March 15 (107 days prior to the scheduled milestone completion date). Discussions are being scheduled in late March with EPA to resolve this issue.

M-13-XX
M-20-XX
Proposed

A streamlined approach has been developed for the remediation of the 200 Area non-tank farm related operable units. The improved, more focused approach calls for completion of the characterization of 12 representative analogous waste site operable units by 2008. The first TPA milestone that requires modification under the streamlined approach is M-13-00L (due December 31, 2001). In the March/April timeframe, RL will hold a workshop with the regulators to confirm revised interim M-13 and M-20 milestones based on the improved approach to 200 Area assessment. It is anticipated that M-13-00x major milestone adjustments can be addressed with the regulators once the revised FY02 DOE budget is approved in the Spring of FY01.

M-24-00-02
RCRA Well
Installation
Proposed

A draft TPA change package is being prepared that proposes a three-year RCRA monitoring well installation schedule. Interim milestones will be established in support of TPA major milestones **M-24-00M, M-24-00N**, and **M-24-00O**.

STATUS BY PROJECT

100 B/C Area Remediation (M-16-26D)

- On January 4, the 100 B/C pipeline remediation subcontractor was given notice to proceed with mobilization and site preparation. On February 26, excavation activities in support of the 100 B/C pipeline remediation were initiated satisfying TPA Milestone M-16-26D, "Begin Excavation Activities at 100 B/C Process Effluent Pipelines" (due February 28).

100 D Area Remediation (M-16-07B)

- The last waste container from 100 D Area was shipped to ERDF on January 17. Power was disconnected from the trailers, and demobilization activities are ongoing. On February 28, backfill activities in the 100 D Area were completed five months ahead of schedule satisfying TPA Milestone M-16-07B, "Complete Remediation and Backfill of 22 Liquid Waste Sites and Process Effluent Pipelines in the 100-DR-1 and 100-DR-2 Operable Units" (due July 31).

100 F Area Remediation

- In February, excavation of a large plume from the 116-F-14 retention basin was initiated. The plume is estimated to be approximately 36,400 tons. In-process samples taken from the retention basis indicated elevated hexavalent chromium and carbon-14 contamination. The hexavalent chromium contamination will be addressed as part of the 116-H-7 retention basin leachate study. A plan is currently being developed to address the carbon-14 contamination.
- Excavation and demolition activities progressed at the north Lewis Canal lateral. Representatives from the Wannapum and Nez Perce tribes participated in archeological excavations at the north end of Lewis Canal. Several artifacts were collected, and organic samples were also collected for radiocarbon dating.

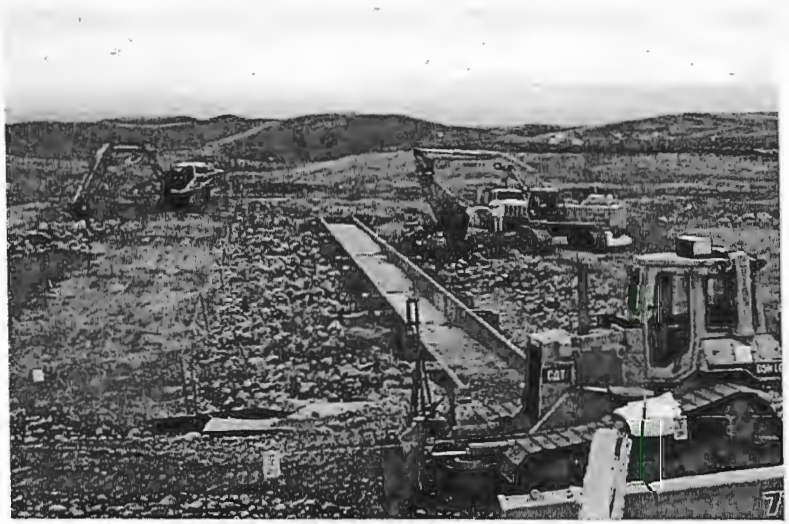
Demolishing Concrete Surge Blocks and Pipelines at 100-F-19 Pipelines

100 H Area Remediation (M-16-26C)

- During December, remediation was completed for the additional plumes that were encountered during verification sampling in the 100 H Area. Work is progressing on the remaining Cleanup Verification Packages.
- A BCP was approved for proceeding with the leachate study to resolve the elevated hexavalent chromium contamination in the 116-H-7 retention basin. An offsite laboratory currently utilized by ERC will perform the study.
- The lead brick survey was initiated in the 100 H Area during January and completed in February. 2,595 bricks were surveyed, and no contamination was encountered. The lead bricks will be diverted from the Hanford waste stream into the excess inventory program for donation to a local community organization for reuse. This effort supports the Supplemental Environmental Project resulting from the Multi-Media Inspection settlement.

100 N Area Remediation

- The last of the 420 cover panels was removed from the 116-N-3 crib on January 9. To reduce worker radiation exposure and alleviate contamination spread, panels and girders with high levels of contamination were size reduced into smaller pieces underneath slightly contaminated soil.
- The Safety Analysis Report for Packaging is being revised to address shipping issues regarding the 116-N-3 trough. Removal of the trough will be completed in May.
- Site preparation was initiated for remediation work on the 116-N-3 bypass and pipelines. Work is scheduled to begin in April, as well as preparations for placement of the export water line support bridge.
- The 100-NR-1 Auditable Safety Analysis/Final Hazard Classification document was approved by RL in December.



Size Reduction and Soil Mixing at the 116-N-3 Crib

Tramming Materials at the 600-23 Landfill

300 Area Remediation (M-16-03E)

- The South Process Pond fence construction was completed during January.
- On January 26, excavation and loadout activities were completed for 107 tons of contaminated soil and concrete from the manhole located in the process sewer line south of the North Process Pond.
- A BCP is being prepared to treat and dispose the 78 uranium oxide powder drums that are currently staged in the 618-4 Burial Ground in the 300 Area. This workscope is being performed in lieu of initiating treatment of the uranium metal/oil drums this fiscal year.

Thermal Treatment

62 DRUMS found

300/600 Area Remediation (M-16-41A)

- The remediation contract was awarded on December 11 for the J.A. Jones and 600-23 waste sites. Excavation activities were completed in February at the J.A. Jones site, and waste loadout is estimated for completion in March. The scales will then be demobilized and moved to support loadout operations at 600-23. During February, excavation and sorting of soil and debris at 600-23 site were completed except for two small areas pending analysis results.

Excavation and Tramming/Separating Materials at J. A. Jones 1

100/300 Area Design/Assessment

- The authorization basis strategy for the 100 and 300 Area burial grounds was finalized and issued on February 9. The strategy outlines the path forward for the burial grounds currently under design. The 100 Area burial ground design is in intermediate design phase. The intermediate design for 618-5 Burial Ground is currently in ERC review. The Remaining Sites design was completed in mid-February with the issuance of the design deliverables. All 100 and 300 Area designs are on schedule.
- Pothole excavation activities were performed at two locations in the 300 Area for collection of uranium-contaminated soil for the 300 Area Kd leachability study. No uranium-contaminated soil was found at these locations (uranium activity was at background levels). In coordination with Fluor Hanford, uranium-contaminated samples were successfully obtained near the 303 Building. These samples, along with the other samples collected earlier, will be provided to Pacific Northwest National Laboratory (PNNL) as soon as lab analyses identify the uranium activity level for the samples.

ERDF Operations

- During December, a shipment of asbestos-covered pipe from the Hanford Generating Plant (HGP) was received at ERDF for disposal. This was the first of several shipments that will be received from HGP demolition (non-ER demolition workscope).
- The ERDF queue was expanded approximately 200 feet to allow more flexibility in segregating the 100 N Area containers from the main container inventory.
- Since ERDF operations began in July 1996, ERDF Transportation has safely driven 4,789,676 miles without an at-fault vehicle accident (through February). Also, ERDF Disposal has worked 1,717 days (since Project inception) without a lost-time accident.
- Through February, 184,229 metric tons (203,079 tons) of waste have been received in FY01. To date, a total of 2,490,991 metric tons (2,745,862 tons) of material have been received and placed in the disposal facility.

Groundwater/Vadose Zone (GW/VZ) Integration Project

- GW/VZ Project personnel met with Ecology staff on December 20 to brief them on the current status of the development of the System Assessment Capability (SAC) and the attributes of the initial assessment. This meeting set the stage for discussing assessment results later this year, and for obtaining Ecology input to requirements development in early FY02.
- History matching was completed for vadose zone, groundwater, and Columbia River technical elements in preparation for running the entire SAC model for the period from 1944 to 2000 to test SAC's integrated performance.
- An update of science and technology (S&T) applications was provided to the National Academy of Sciences (NAS) Committee during a January 19 teleconference. A NAS report summarizing their evaluation of GW/VZ S&T activities will be released in June 2001.

Directing Drilling Derrick Placement at 100 Area ISRM Project

Groundwater Management (M-16-27, M-24-00L, M-24-00M, M-24-46 through M-24-50)

- In December, the drilling subcontract was awarded for the In Situ Redox Manipulation (ISRM) well drilling workscope (Phase II and Phase III). In January, Phase II was initiated. Phase II consists of installing 28 barrier wells and 4 compliance monitoring wells parallel to the Columbia River. These well installations will extend the current 640-foot chromium-contaminated groundwater barrier by approximately 930 feet (for a total of approximately 1,570 feet).

ISRM Well Completion

- In December, decommissioning of the planned Phase 1A north wells was completed which met an established end-of-year commitment. In January, a walkdown for Phase 1A and 1B well decommissioning was completed. During February, PNNL completed the analysis of 115 proposed wells for decommissioning in support of the superstretch performance incentive to decommission 90 wells.

- A total of 10 RCRA wells were installed by December 27 meeting TPA Milestones M-24-00L, M-24-46, M-24-47, and M-24-48. Installation of five additional RCRA wells remains on schedule for completion by the end of April to satisfy TPA Milestones M-24-49 and M-24-50 (part of M-24-00M). Three of the five remaining RCRA wells have been installed through February.

Unloading Purgewater Truck Contents at 600 Area Storage and Treatment Facility

- All groundwater pump and treat systems operated above the planned 90% availability levels in February. Since system inception, the five pump and treat systems have processed over 4.8 billion liters of groundwater, removing approximately 5,131 kilograms of carbon tetrachloride, 227 kilograms of chromium, and 0.97 curies of strontium. Approximately 495 million liters of groundwater have been processed in FY01, removing approximately 549 kilograms of carbon tetrachloride, 33 kilograms of chromium, and 0.082 curies of strontium.

- **100-HR-3 Pump and Treat System.** Approximately 21.1 million liters of groundwater were processed in February, removing approximately 2.4 kilograms of chromium. 119.9 million liters have been processed in FY01, with 16.2 kilograms of chromium removed. Approximately 1,063 million liters of groundwater have been processed from inception to date, with 107.7 kilograms of chromium removed.
- **100-KR-4 Pump and Treat System.** Approximately 25.8 million liters of groundwater were processed in February, removing approximately 3.0 kilograms of chromium. 142.2 million liters have been processed in FY01, with 17.1 kilograms of chromium removed. Approximately 951.4 million liters of groundwater have been processed from inception to date, with 119.2 kilograms of chromium removed.

Monthly Resin Changeout at 100-NR-2 Pump & Treat

- **100-NR-2 Pump and Treat System.** Approximately 7.0 million liters of groundwater were processed in February, removing approximately 0.012 curies of strontium. 46 million liters have been processed in FY01, with 0.082

curies of strontium removed. Approximately 570.6 million liters have been processed from inception to date, with 0.970 curies of strontium removed.

- **200-UP-1 Pump and Treat System.** Approximately 6.8 million liters of groundwater were processed in February, with approximately 39.1 million liters processed in FY01. From inception to date, approximately 476 million liters have been transported to the Effluent Treatment Facility (ETF) for processing. 343.0 million liters were previously processed prior to utilizing the ETF.
- **200-ZP-1 Pump and Treat System.** Approximately 18.2 million liters of groundwater were processed during February, removing 66.9 kilograms of carbon tetrachloride. 148.1 million liters have been processed in FY01, with 548.9 kilograms of carbon tetrachloride removed. From inception to date, approximately 1.4 billion liters have been processed, with 5,131 kilograms of carbon tetrachloride removed.
- **200-ZP-2 Vapor Extraction System.** The 200-ZP-2 soil vapor extraction system was placed off-line in FY00, in order to monitor and evaluate any rebounding of contaminant to static conditions. The resulting data will be used to evaluate the effectiveness of remediation on contaminants within the vadose zone. The passive vapor extraction system (installed in selected vadose zone wells) is performing as designed. Monthly sampling will continue. A meeting was held on November 7 with the regulators, RL, and contractors to discuss a path forward on Dense Non-Aqueous Phase Liquid (DNAPL) investigation. It was agreed that the Partitioning Interwell Tracer Test (PITT) was too expensive for a speculative location of the test. The PITT test was placed on hold while further conventional characterization is performed. A BCP was approved in January to authorize obtaining additional characterization data during the well deepening effort at the Z-9 Crib. Current activities include the preparation of BCPs to resume 200-ZP-2 operations. Planning is underway for the construction of a new groundwater well at the Plutonium Finishing Plant (PFP). These actions will close all outstanding issues between RL, the regulators, and contractors.

Vapor Extraction System Calibration at 200-ZP-2

200 Area Assessment (M-13-00K, M-13-25, M-13-26, M-15-38, M-15-39)

- The 200-PW-2 Draft A Work Plan was transmitted to the regulators on December 21 which satisfies two TPA milestones: M-13-25 and M-13-00K (both due on December 31).
- Approval was received from Ecology for the 200-CW-1 (Gable Mountain/B Pond) Rev. 0 Work Plan in December.
- Due to funding reductions, 200-CS-1 Operable Unit field workscope was deferred into FY02. No FY01 TPA milestones are affected.

F and DR Reactors ISS (M-93)

- On January 31, the upper fill removal was completed in the F Reactor fuel storage basin (FSB). Sample results from the removed fill material indicate that the soil is suitable for backfill use. During February, the initial Laser-Assisted Ranging and Data System (LARADS) survey was completed for the FSB lower fill material. The survey results showed only one area with higher dose rates than the rest of the basin, and a few areas of slightly elevated dose rates. Dose rate modeling calculations are being revised using these new measurements to determine the likely dose at the bottom of the remaining fill material.
- Installation of the dewatering system in the FSB was completed, and water is being pumped out at a rate of approximately 50 gallons per day. Samples were taken from the pumped water for analysis.

Demolition of Supply Fan Rooms at D Reactor

- In February, mapping of the F Reactor FSB was completed using the In Situ Object Counting System (ISOCS) and gamma camera. Preliminary data was inconclusive as to whether any fuel remains in the FSB. LARADS mapping will continue into March.
- A kick-off meeting was held on January 9 for updating the F and DR Reactor's safe storage enclosure bid package. During February, all remaining DR Reactor concrete pourbacks were completed.

D and H Reactors ISS

- The D and H Reactor Waste Designation SAP Rev. 0 was approved by the regulators on January 2.
- At D Reactor, asbestos abatement was completed in several areas during January and February. Oil and lead were also removed from the exhaust plenum and south reactor area. During February, demolition and loadout activities were started in the miscellaneous storage, lunchroom, and valve pit areas.
- At H Reactor, oil and lead were removed from the operation gallery and surrounding area. Hazardous material and oil were also removed from the FSB area. Asbestos removal was also completed in the FSB.

233-S Plutonium Concentration Facility Decommissioning

- Substantial progress continues to be made at the 233-S facility even with the confined workspace environment and contamination hazards that are encountered during each entry. Between November 2000 and March 2001 (3.5 months), the project made over 800 entries without an injury or contamination event. Through November 2000, the Project had worked over three years (37.5 months/1,142 days) without a lost-time accident.
- During December, the loadout hood sump was placed into a transuranic (TRU) standard waste box for disposal in the Central Waste Complex.

DECOMMISSIONING PROJECTS

- Neutron monitors were removed from the viewing room first, second, and fourth floors.
- Nondestructive assays were completed on the L-4, L-14, L-16, and L-18 process hood vessels.
- Removal of the L-18 vessel was successfully completed on February 23, 11 days ahead of schedule. This vessel was the first of 15 vessels that are scheduled for removal by June 2002. The L-1 vessel is planned for the next removal.

Final Piece of L-18 Vessel Being Removed

Original Installation of L-18 Vessel

SURVEILLANCE/MAINTENANCE AND TRANSITION PROJECTS

S&M Activities

- In December, contaminated scaffolding was successfully transferred from the PUREX facility to Fluor Hanford for decontamination and redeployment to other Hanford Site projects.
- The Sampling Analysis Plan was approved for the hexone tank sampling. In December, site excavation and crossover piping removal was completed for the hexone tanks, and in-tank sampling was initiated to support an interim stabilization decision planned later this calendar year.

276-S Manway Removal

- Interim stabilization and work package closeout were completed for the 218-W-2A waste burial site. Interim stabilization consisted of stabilizing the soil site with gravel and applying a sterilant to prevent weed growth.
- 24 large aluminum filter frames were shipped offsite for recycling. The filter frames were fabricated in support of N Reactor operations and equate to approximately 12.5 tons that will not require disposal in the Hanford Site landfill.
- Mobilization and pre-job briefing activities were completed for the 216-B-24 retention basin interim stabilization effort.
- The subcontract was awarded for the removal of asbestos-containing materials at the 181-N pump house adjacent to the Columbia River and the 224-U UO_3 Plant Concentration Facility located in the 200 West Area.

Canyon Disposition Initiative (CDI)

- Sampling activities were completed for three U Plant canyon tanks in support of CDI characterization efforts. These sampling activities included substantial radiological risk and were performed without incident and well under the projected personnel dose estimates.

B Reactor

- A BCP was approved to provide additional EE/CA funding to include a more complete hazard mitigation evaluation.
- Asbestos abatement and cleanup were completed on the B Reactor exhaust fan room roof.
- Tours continued to be conducted at B Reactor. Reactor visitors included representatives from the arms control community, DOE-HQ, nonproliferation group, and the State Department technical analysts.

COMPLIANCE, QUALITY, SAFETY & HEALTH

- BHI actively supported the national-level DOE Integrated Environmental, Safety, and Health Management System (ISMS) Workshop that was hosted by RL in Pasco, Washington on December 5-6. BHI participated in planning the workshop, coordinating breakout sessions, providing presentations, and developing a poster display.
- BHI support to the Hanford Site multi-contractor technical exchange group continued for the reuse, recycle, and release issues, including proposed modifications to DOE 5400.5, Radiation Protection of the Public and the Environment. Several meetings have been held to integrate site application requirements.

ENGINEERING AND TECHNOLOGY

Technology Applications

- Additional FY01 funding ($700K) was received from the Office of Science and Technology that will support CDI.
- During January, BHI Technology Applications personnel organized and hosted a week-long review of National Energy Technology Laboratory (NETL) proposals that addressed subsurface access and in situ carbon tetrachloride characterization. RL and NETL personnel also participated in the reviews.
- The Ultrasonic Liquid Level Detection System was deployed at the Reactor ISS Project. This technology was originally deployed for the Canyon Disposition Initiative (CDI) Project.

Environmental Technologies (C-10-08)

- A subcontract to plant 2,600 sagebrush tublings on waste sites remediated by the ERC was awarded on December 8. These sites were hydroseeded with native grasses, forbs, and shrubs in December 1999. The sagebrush planting completes the final phase of revegetation for these remediated sites. In January, approximately 900 sagebrush tublings were planted on the bioremediated site on the North Slope. These tublings will enhance the 1997 initial native grass and forbs site revegetation. The revegetation activities are part of the ERC's ongoing efforts to mitigate habitat damaged from past Hanford operations.
- The annual Hanford Site Waste Management Units Report was placed on the Internet on January 11, which satisfies completion of TPA Commitment Milestone C-10-08 (due January 31).
- ERC's nomination of the Small Diameter Geophysical Logging System in the "Return on Investment" category of the DOE National Pollution Prevention Award Program was selected as a winning entry. A second nomination for the successful implementation of Value Methodology in waste minimization was chosen as runner-up in the "Waste/Pollution Prevention" category.
- ERC worked with FH to establish a recycling credit for the Hanford Site's sanitary waste stream. The sanitary waste is hauled to the Roosevelt Landfill where it is used to generate electricity from the methane gas produced. A 70% recycling credit was given for the Site's sanitary waste. This recycling effort will exceed the Secretary of Energy's goal to reduce sanitary waste by 50% before 2006.

PROGRAM AND PROJECT SUPPORT

External Affairs

- Support was provided to EPA for their Five-Year Review of Hanford Superfund Sites document. Support activities included providing Hanford Site maps and completing a fact sheet and newspaper advertisement that announced a 30-day public comment period from January 29 to February 27.
- On February 15, the president of BHI presented a $13,000 contribution to the Richland Seniors Association. The

contribution helped the Association to meet its commitment to the City of Richland to raise $100,000 for the new Richland Community Center.

Property Management

- The radiation survey documentation for the disposition of 1,400 yards of rail from 100 D Area was completed in December. The rail is expected to be removed for salvage to aid in local economic transition activities.

PLANNING AND CONTROLS

Strategic Planning/Baseline

- On January 10, the ER FY01 Baseline Updates for River Corridor Restoration (Vol. 1) and River Corridor Final Closure and Spent Nuclear Fuel (Vol. 2) were submitted to RL per the BUG II requirements. These volumes contain ER Project data that have been recast to the new PBS/WBS for FY02 and beyond. In addition, a set of three volumes (Vol. 3-5) reflecting the ER Baseline by the current PBS structure was also delivered to RL.
- Several planning meetings and reviews were attended and supported during February. On February 7, a review of the Site Strategic Plan Master Logic for the GW/VZ Projects was chaired by FH. ERC provided updates to the Plan, which was prepared by Pacific Northwest National Laboratory (PNNL), to reflect the recent ER Baseline Update. On February 13, the Central Plateau planning meeting was chaired by RL and was supported by ERC, FH, PNNL. These meetings were held in preparation for the HAB meeting held on March 6.
- ERC continued ongoing coordination activities with RL, PNNL, and FH to develop a Hanford Cleanup Summary Schedule. This schedule is to display key areas of River Corridor, Central Plateau, and Office of River Protection workscope for FY02 through FY46.
- Several fields within the Integrated Priority List (IPL) database was updated with data from the recent ER Baseline Update in support of Hanford Site IPL activities.
- The Long Range Plan (LRP) graphical wall charts were distributed during February. The LRP contains both the current (FY01) and new (FY02) work breakdown structures.

ISSUES

REMEDIAL ACTION AND WASTE DISPOSAL PROJECT

- **M-16-03E**: M-16-03E, "Complete Remediation of Waste Sites in 300-FF-1 Operable Unit (excluding the 618-4 Burial Ground), to Include Excavation, Verification, and Backfilling", due 9/30/2001 will be missed due to the EPA requirement to perform a Kd study on uranium leachability. The regrades will not be completed until study results confirm that no further excavations will be required.

  Strategy/Status: EPA requested a Kd study be performed to address uranium mobility in the 300 Area. This study consists of obtaining uranium-contaminated samples and performing leach rates with follow-on absorption tests resulting in a Kd value. A data quality objective (DQO) was completed, and a baseline change proposal (BCP) prepared to secure funding for the study. The study began in March and is expected to be complete in FY02. Preliminary results should be available at the end of FY01. A TPA change package will be prepared in the May timeframe.

- **M-16-03F - 618-4 Burial Ground:** It is unlikely that treatment of the 618-4 Burial Ground uranium metal/oil drummed waste can be performed this fiscal year. The treatment technology has been identified, however, the treatment facility startup process is proceeding slower than planned. Currently, it appears that the treatment facility may be able to receive the uranium metal/oil drummed waste for treatment early next fiscal year. EPA has indicated a need to show continuous progress at 300-FF-1 in FY01.

  Strategy/Status: In lieu of the above treatment this fiscal year, a suggested alternative is to plan for and dispose of the 618-4 Burial Ground uranium oxide powder drums to ERDF. A BCP is being prepared for this workscope.

- **M-16-00F - Establish Date for Completion of All 100 Area Remedial Actions:** This milestone is due on December 31, 2001 and will develop the dates and workscope for any remaining remedial actions in the 100 Area. Currently, most of these remedial actions are in the 100 Area Long Range Plan (miscellaneous pipelines are still being developed). TPA Major Milestone M-16-00 compliance date is September 30, 2018. In addition, TPA Milestones M-93-14 / M-93-15 (Initiate / Complete Negotiation of Remaining Surplus Reactor Disposition Schedules) and potentially M-16-03A (Establish Date for Completion of 300 Area Remedial Actions) will also be addressed in these negotiations. At the February 22 TPA 100 Area Unit Managers Meeting, the regulators indicated that there is a need to begin TPA negotiations in April on the possible milestones needed to meet M-16-00F.

  Strategy/Status: RL has initiated development of a strategy for negotiation of M-16-00F that includes the River Corridor outcome and anticipates negotiations to begin in April.

GROUNDWATER/VADOSE ZONE INTEGRATION PROJECT

- **M-15-38A - 200-CW-1 Gable Mountain/B Pond and Ditches Feasibility Study (FS):** The regulatory framework for completing the FS is not yet established. This impacts the completion of TPA Milestone M-15-38A, "Submit Draft A Gable Mountain Pond/ B Pond and Ditch Cooling Water Group Feasibility Study and 216-B-3 Pond System RCRA TSD Unit Closure Plan and Submit Draft A Gable Mountain Pond/B Pond and Ditch Cooling Water Group Proposed Plan/Proposed RCRA Permit Modification" (due November 30, 2001).

  Strategy/Status: A detailed path forward for addressing regulator issues on (1) the adequacy of ecological data, (2) the application of new MTCA requirements, and (3) land-use scenario development was developed and transmitted to the regulators. The regulators have concurred with the recommended approach. A draft TPA change request will be prepared reflecting the recommended approach to complete the 200-CW-1 feasibility study.

- **M-13-26 - 200-PW-1 Plutonium/Organic-Rich Process Remedial Investigation/Feasibility Study Work Plan:** EPA has stated their intention to have the 200-PW-1 work plan incorporate all investigations needed to answer questions surrounding the source of carbon tetrachloride contamination in the vadose zone. EPA will not approve the 200-PW-1 work plan until all scope is covered. This is a significant expansion of the workscope for completing the 200-PW-1 work plan, and a potential impact is that TPA Milestone M-13-26, "Submit Plutonium/Organic-Rich Process Waste Group (200-PW-1) Work Plan" (due June 29) will not be met.

  Status: Options analysis is being performed. A draft TPA change request was transmitted to EPA on March 15 (107 days prior to the scheduled milestone completion date). Discussions are being scheduled in late March with EPA to resolve this issue.

- **M-13-00x and M-20-xx Series:** RL management, working closely with the EPA, Ecology, and the HAB, has developed a more streamlined approach for the remediation of the 200 Area non-tank farm related operable units on the Hanford Site. The existing baseline for soil characterization in the 200 Area Remedial Action Project shows a completion of the characterization of 23 operable units by the year 2008. The improved, more focused approach calls for completion of the characterization of 12 representative analogous waste site operable units by 2008. The first TPA milestone that requires modification under the streamlined approach is M-13-00L (due December 31, 2001).

  Strategy/Status: In the March/April timeframe, RL will hold a workshop with the regulators to confirm revised interim M-13 and M-20 milestones based on the improved approach to 200 Area assessment which supports the Hanford Site outcomes. It is anticipated that M-13-00x major milestone adjustments can be addressed with the regulators once the revised FY02 DOE budget is approved in the Spring of FY01.

DECOMMISSIONING PROJECTS

- **D and H Reactor Impacts of TPA Milestones:** The acceleration of the reactor ISS projects is no longer consistent with the existing M-93 milestones, especially the competitive procurement and renegotiating milestone (M-93-12) for DR Reactor.

  Strategy/Status: Initial discussions with the regulators have started which may lead to resolution in the near future. This will need to be discussed as part of RL's 100 Area acceleration vision.

PROGRAM MANAGEMENT AND SUPPORT

- **Budgets Do Not Support Compliance Milestones:** FY02 ER funding (target) levels are below minimum compliance requirements. The initial submitted Budget Update (target) for FY02 reflected the ER scope within the revised Hanford Site PBS/WBS at a level significantly short of supporting minimum compliance requirements, as well as accelerated River Corridor completion goals, for FY02 and beyond.

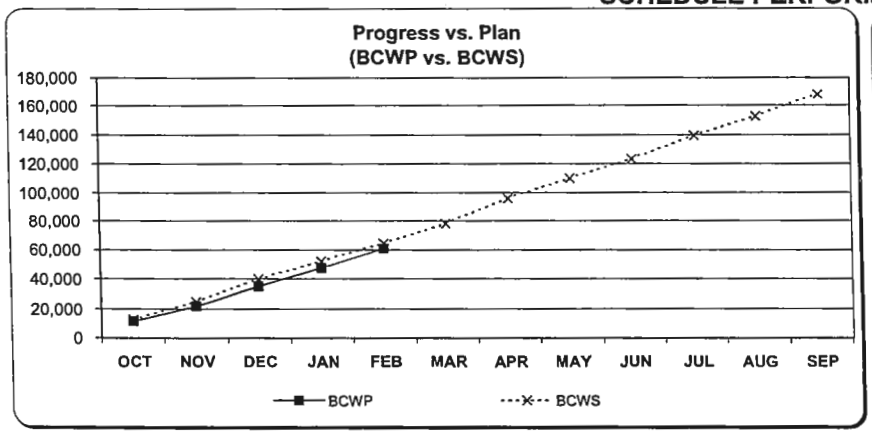
  Strategy/Status: Within the new PBS/WBS ER scope, budget requirements for FY02 (based on the Baseline Preferred Schedule Option Case (PSOC) for FY02 and beyond) are $167.0M ($190.6M including transfers from FH). Preliminary FY02 impacts for ER/River Corridor completion have been developed for anticipated target case exercises, pending final DOE guidance for FY02 funding that is expected by early April.

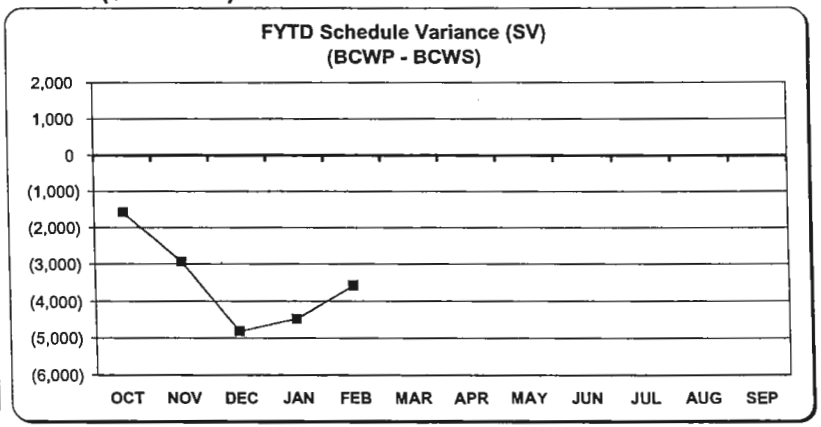
  NOTE: The PSOC funding requirements, including transfers from FH, reflect the revised PBS/WBS in FY02. This revised structure includes potential scope reassignments (based on the PSOC), the recently renegotiated FH contract, and completion of the ER contract in June 2002. The budget requirement for FY02, based on the current PBS/WBS and ER scope, is $182.3M. This amount is reflected in the recent ER Baseline Update and excludes adjustments based on the new PBS/WBS and associated scope transfers.

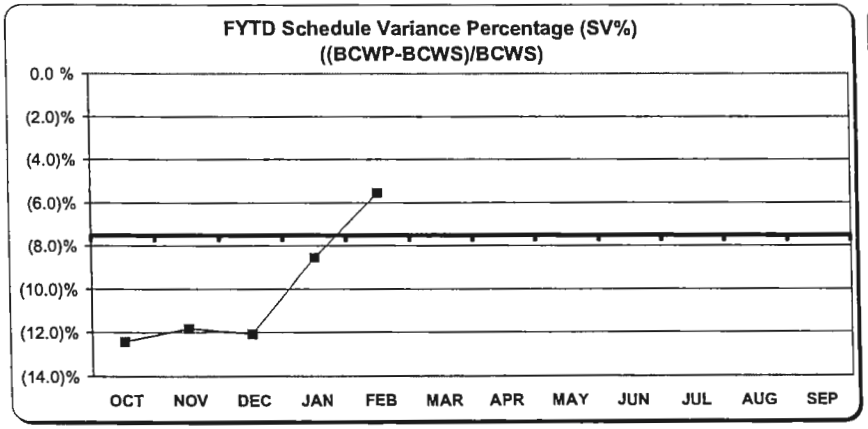
COST/SCHEDULE STATUS

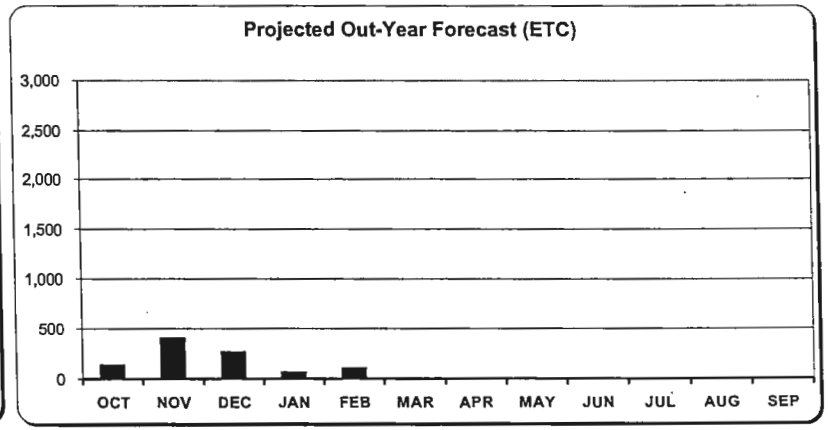
A. PROJECT OVERVIEW

SCHEDULE PERFORMANCE ($'s in 000)





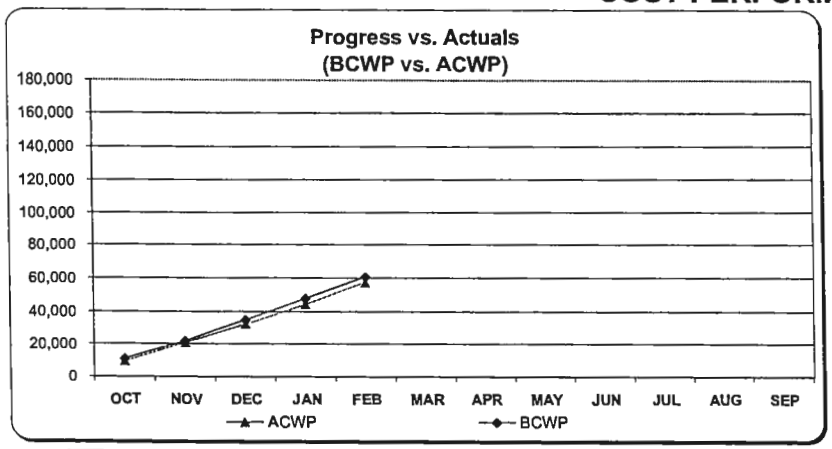


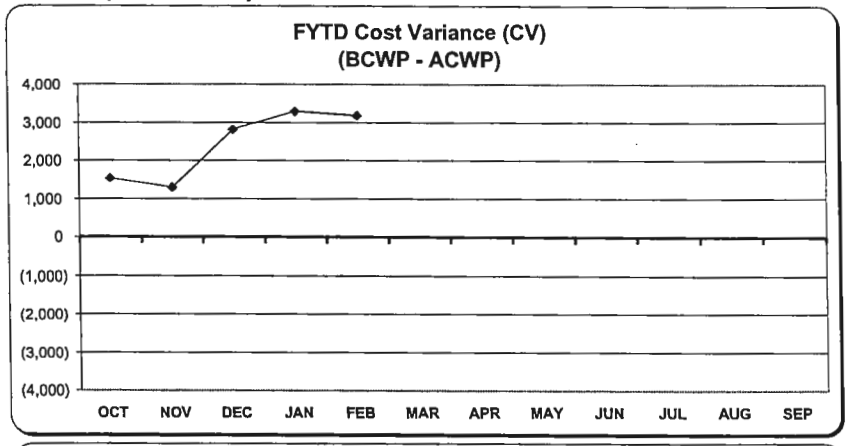


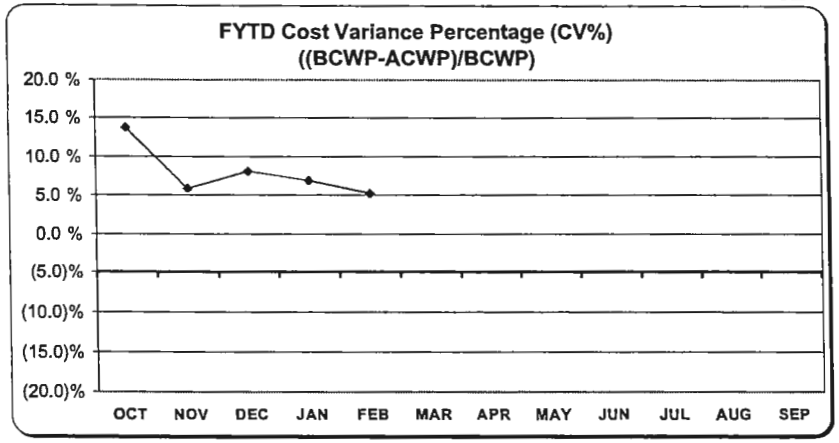
-	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
DWP	11,110	10,286	12,233	10,282	10,058	11,813	14,703	11,619	11,559	13,381	11,497	13,404
DWP (Cumulative)	11,110	21,396	33,629	43,911	53,968	65,781	80,484	92,103	103,662	117,043	128,540	141,944
CURRENT PERIOD												
BCWS	12,782	12,103	15,015	12,418	12,003	13,912	17,714	13,919	13,696	15,778	13,826	15,225
BCWP	11,195	10,749	13,140	12,755	12,916	-	-	-	-	-	-	-
FISCAL YEAR TO DATE												
BCWS	12,782	24,885	39,900	52,318	64,322	78,234	95,948	109,866	123,563	139,340	153,166	168,391
BCWP	11,195	21,944	35,085	47,839	60,755	-	-	-	-	-	-	-
SV	(1,587)	(2,940)	(4,815)	(4,479)	(3,566)	-	-	-	-	-	-	-
SV%	-12.4%	-11.8%	-12.1%	-8.6%	-5.5%							
Projected Out-Year	133	413	272	69	106	-	-	-	-	-	-	-

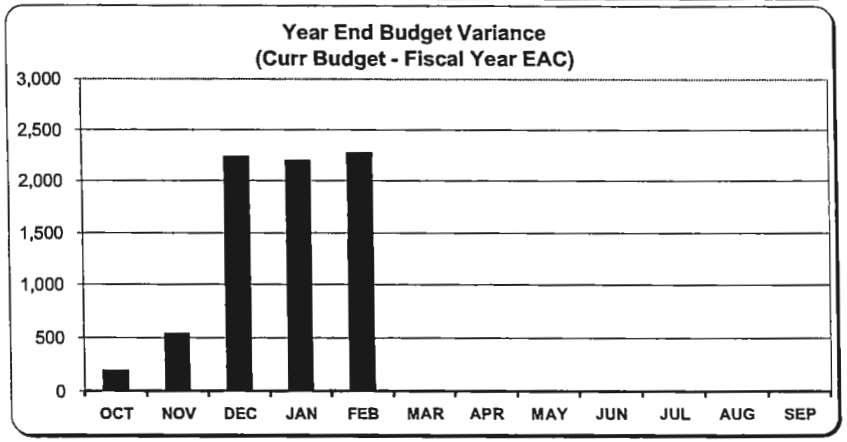
A. PROJECT OVERVIEW

COST PERFORMANCE ($'s in 000)









	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	Out-Year FCST
CURRENT PERIOD													
ACWP	9,656	10,998	11,610	12,274	13,040	-	-	-	-	-	-	-	
BCWP	11,195	10,749	13,140	12,755	12,916	-	-	-	-	-	-	-	
FISCAL YEAR TO DATE													
ACWP	9,656	20,654	32,264	44,538	57,578	-	-	-	-	-	-	-	
BCWP	11,195	21,944	35,085	47,839	60,755	-	-	-	-	-	-	-	
CV	1,539	1,290	2,820	3,301	3,177	-	-	-	-	-	-	-	
CV%	13.7%	5.9%	8.0%	6.9%	5.2%								
EAC (Cumulative)	9,656	20,654	32,264	44,538	57,578	72,601	90,396	105,746	120,586	137,212	151,030	166,012	166,118
Yr End Budget Var	195	544	2,241	2,200	2,274	-	-	-	-	-	-	-	106

Schedule Variance Report

Project	Variance	Reason	Impact	Corrective Actions
ER01 – 100 Area Remedial Action	**$300K**	Backfill activities at 100-DR-1 and remedial actions at 100-IU-6 waste sites are proceeding ahead of schedule.	None	
ER02 - 200 Area Remedial Action	**($178K)**	200-CW-1 Feasibility Study and Proposed Plan have been deferred to address land use and ecological data requirements.	Document submittals will not occur as planned.	A BCP was prepared to defer the FS and PP to FY02-04 so that ecological information can be obtained and included.
ER03 - 300 Area Remedial Action	**($255K)**	Delays in 300-FF-1 remediation contract closeout and North Process Pond well decommissioning.	None	Contract closeout issues being addressed; and well decommissioning is currently scheduled to occur in April.
ER04 – Environmental Restoration Waste Disposal	**$212K**	Ahead of schedule; ERDF received nearly 1600 tons more waste than planned due to additional remediation at soil sites.	None	
ER05 – Surveillance/ Maintenance & Transition	**($743K)**	Additional time was needed to evaluate new sampling and video equipment on the Hexone tank project; and combining the 100 and 200 Area asbestos abatement work into a single contract delayed start of work from November to April.	No long term impact. Work will be completed this fiscal year.	Sampling and video taping of the Hexone tanks will occur simultaneously, compressing the schedule. A subcontract has been placed for asbestos work with completion scheduled for August.
ER06 – Decommissioning Projects	**($284K)**	The Brokk equipment delivery time was understated in the baseline.	No milestone impact.	Development of training procedures was accelerated to help recover the extended delivery schedule.
ER07 - Long-Term SM&T	**$0K**	N/A. Total FY01 BCWS is $59K.		
ER08 - Groundwater Management	**($744K)**	RCRA well drilling delayed due to contaminated soil encountered; waste shipments were placed on hold to pursue regulator recommended approach; sample collection also delayed.	Minimal.	TPA milestones are not in jeopardy from this delay; schedule has been revised to show more aggressive plan.

Schedule Variance Report

Project	Variance	Reason	Impact	Corrective Actions
VZ01- Site-Wide Groundwater/Vadose Zone Integration Project	**($601K)**	Additional time required to solicit potential bidders and to implement DOE-directed guidance for virtual library software methodology.	Three of the six modules may be carried over into FY02.	Project team has tailored new software engineering methodology requirements to documentation.
ER10 - Program Management and Support	**($1,272K)**	HEIS/HGIS/WIDS and project-specific database staffs are working on higher priority direct project scope; and late billings for site-wide assessments.	Temporary schedule delay.	Subcontractor and temporary labor onboard, and new-hire requisition being processed; RL is discussing billing/timing with other site contractors/government agencies.
Total	**($3,565K)**			

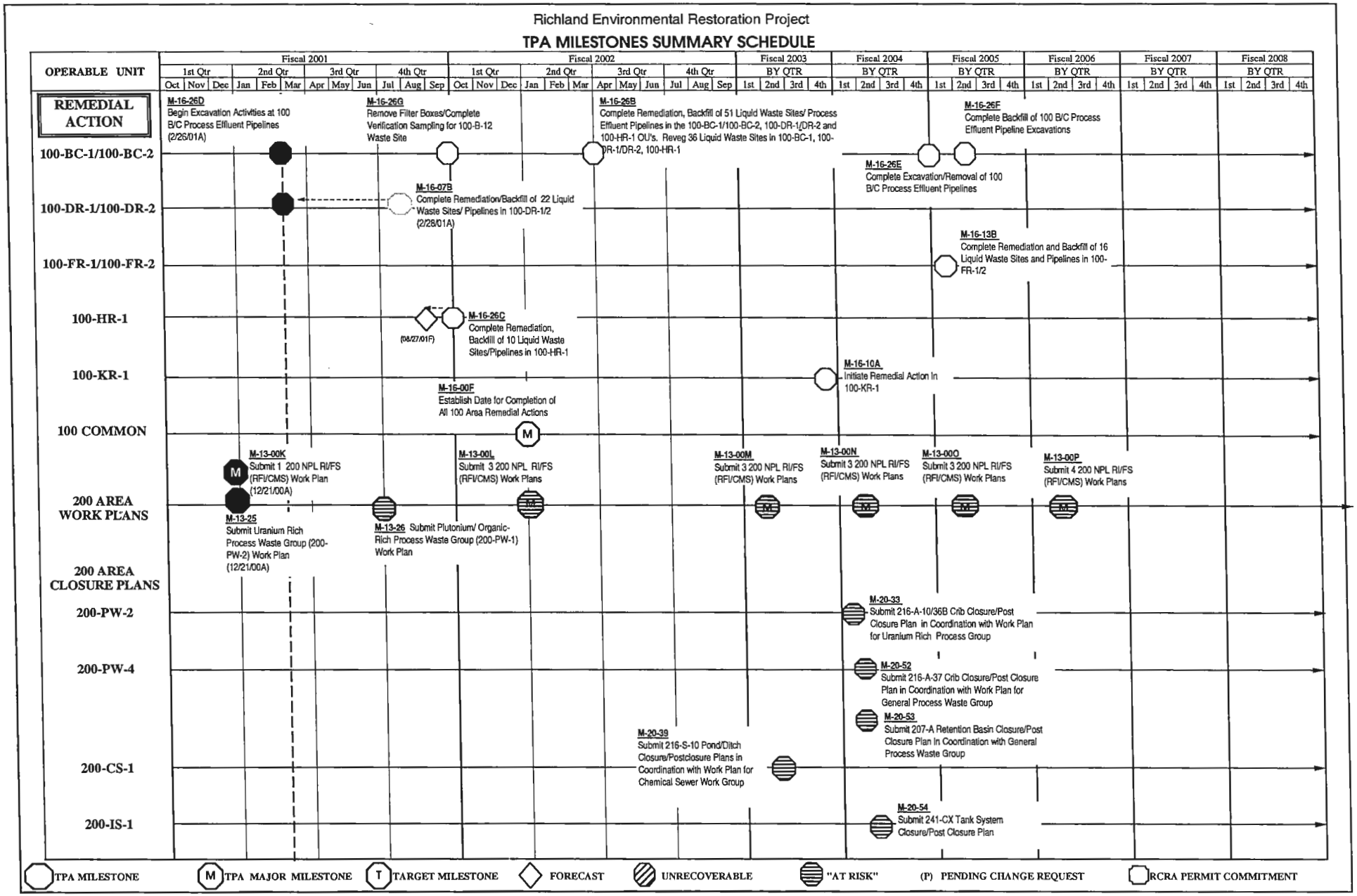
Cost Variance Report

Project	Variance	Reason	Impact	Corrective Actions
ER01 – 100 Area Remedial Action	**$1,651K**	Less labor was required due to sharing non-manual resources with the 100-BC workscope, shifting of personnel to other waste sites, less design and supervision required, and backfill completed six weeks early. Subcontract costs were decreased due to no longer needing subcontract support.	Cost underrun	Savings will be used to perform other remediation work.
ER02 – 200 Area Remedial Action	**$72K**	Public review of the 200-TW-1/-2 work plan was not required, thus eliminating the need for a revision of the Draft B work plan.	Cost underrun	Savings will be used to perform other remediation work.
ER03 - 300 Area Remedial Action	**$38K**	Coordinating 300-FF-2 design efforts with 100 Area Burial Grounds resulted in savings.	Cost underrun	Savings will be used to perform other remediation work.
ER04 - Environmental Restoration Waste Disposal	**$696K**	Driver overtime has not been required as planned to stay on schedule.	Cost underrun	Driver overtime may be required during the summer months to meet demands.
ER05 - Surveillance/ Maintenance & Transition	**$5K**	Underruns in 200 Area S&M work using fewer resources than planned; offset by Hexone tank sampling cost overruns due to additional engineering and job hazard analysis, and CDI sample preparation costs greater than planned.	Cost underrun	Offsets are expected when work on passive vent sealing is initiated in last half of the year. CDI samples shipped offsite for lab analysis expected to result in lower sampling cost.
ER06 - Decommissioning Projects	**$343K**	Less effort than planned on D and H Reactors ISS mobilization/demobilization, sampling and analysis, asbestos removal, hazardous material removal, and demolition. Underrun is partially offset by purchase of additional tools needed for 233-S process hood pipe and vessel removal.	Cost underrun	Savings will be used to perform additional remediation/demolition work.
ER07 - Long-Term SM&T	**$4K**	N/A. Total FY01 BCWS is $59K.		

Cost Variance Report

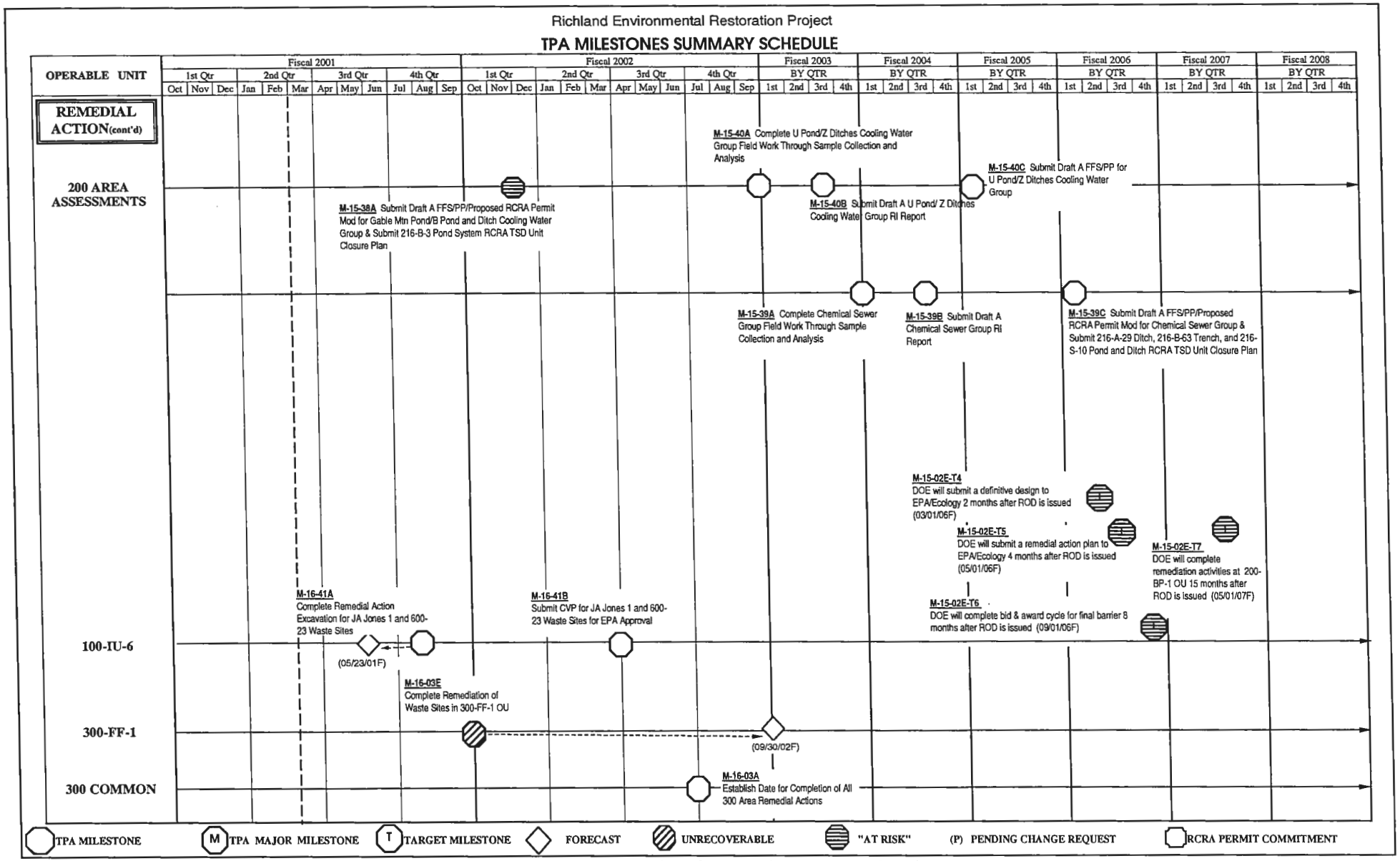
Project	Variance	Reason	Impact	Corrective Actions
ER08 - Groundwater Management	**($156K)**	Increase in PNNL scope supporting the RCRA Ecology Comprehensive Groundwater Monitoring Evaluation (CME) at T, TX-TY tank farms, and Purgewater Strategy revisions; and a cost increase due to PNNL rate increases. Overrun is offset by sample collection/analysis underruns due to canceling some well trips/analyses; other contractor's costs being less than planned.	Cost overrun	Cost overrun has been trended.
VZ01 – Site-Wide Groundwater /Vadose Zone Integration Project	**$64K**	Phase I FEPs review required fewer resources than planned; offsetting accrual in SAC historical matching related to system enhancements.	Cost underrun	Savings will be used to perform other activities. SAC is investigating ways to streamline the overall history matching and initial assessment runs.
ER10 - Program Management and Support	**$462K**	Direct charge material purchase was transferred to a distributable account.	Cost underrun	A BCP is in process to transfer budget.
Total	**$3,179K**			

ENVIRONMENTAL RESTORATION PROJECT



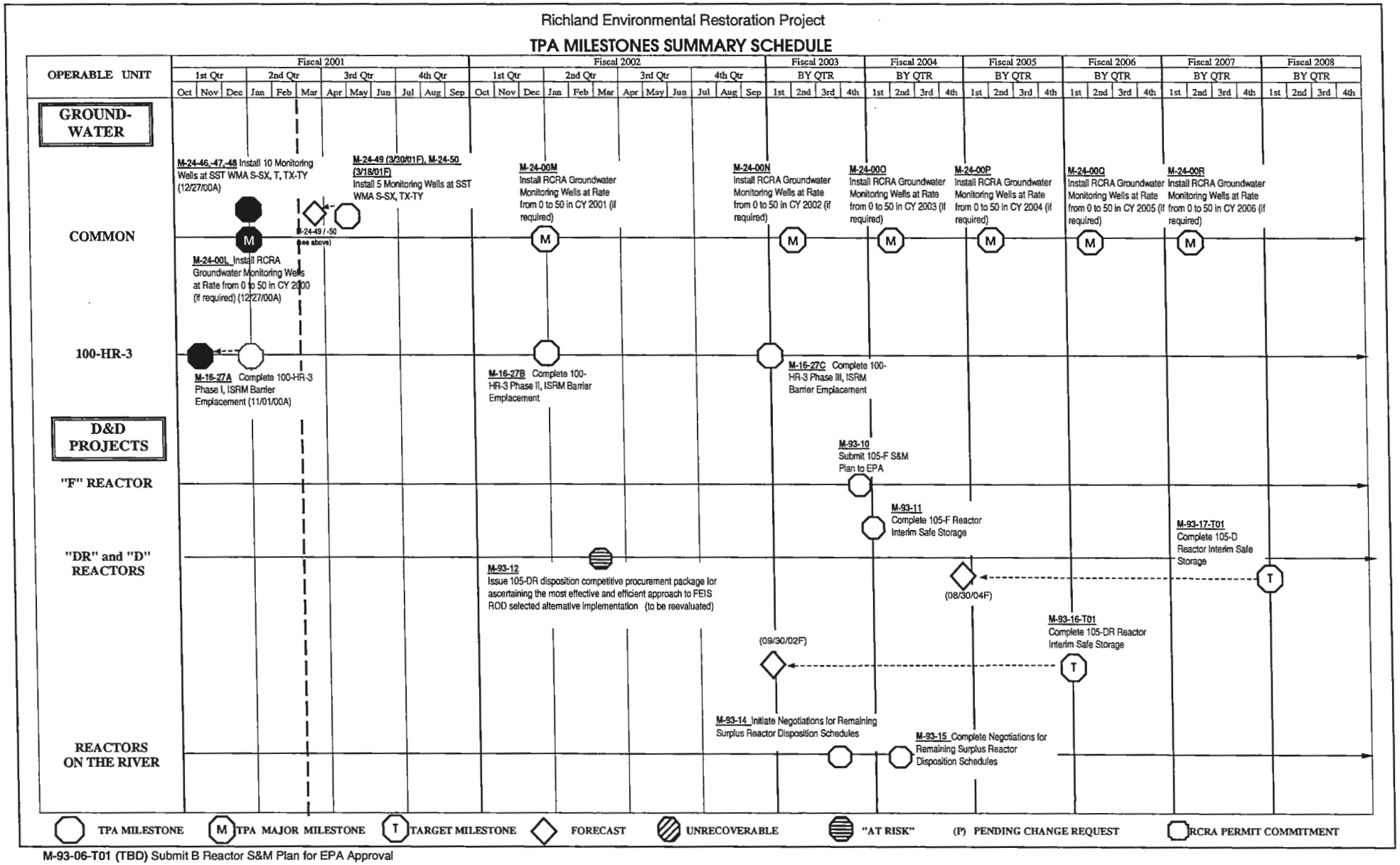
M-13-00 / M-20-xx series milestones shown 'at risk' due to streamlined approach to 200 Area assessment

ENVIRONMENTAL RESTORATION PROJECT



M-16-03F (TBD) "Complete Excavation, Verification, Soil and Drummed Waste Treatment and Disposal, and Backfilling of the 618-4 Burial Ground"
M-16-41C (TBD) "Complete Backfill and Regrading of JA Jones 1 and 600-23". (to be determined with renegotiation of M-16-03E)

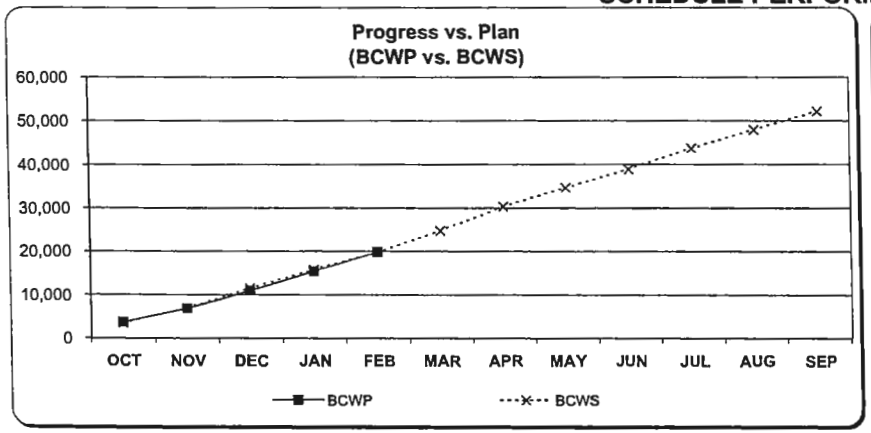
ENVIRONMENTAL RESTORATION PROJECT

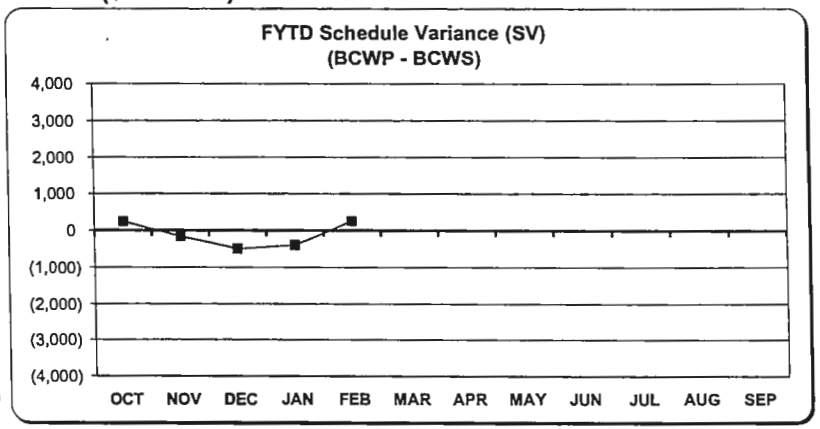


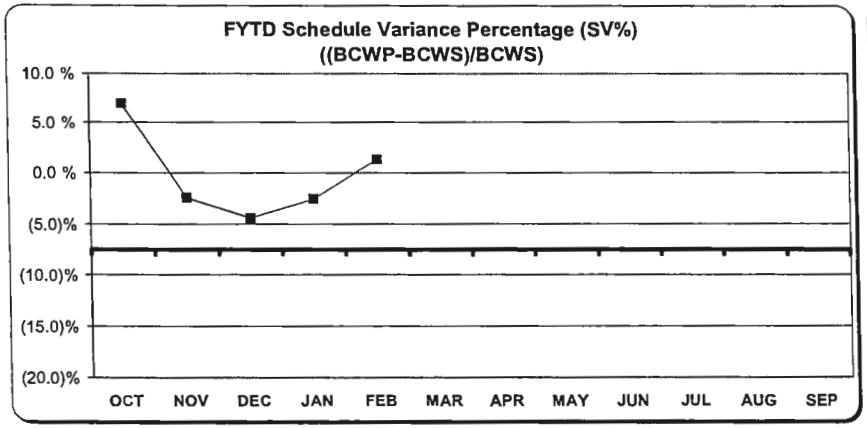
M-93-06-T01 (TBD) Submit B Reactor S&M Plan for EPA Approval

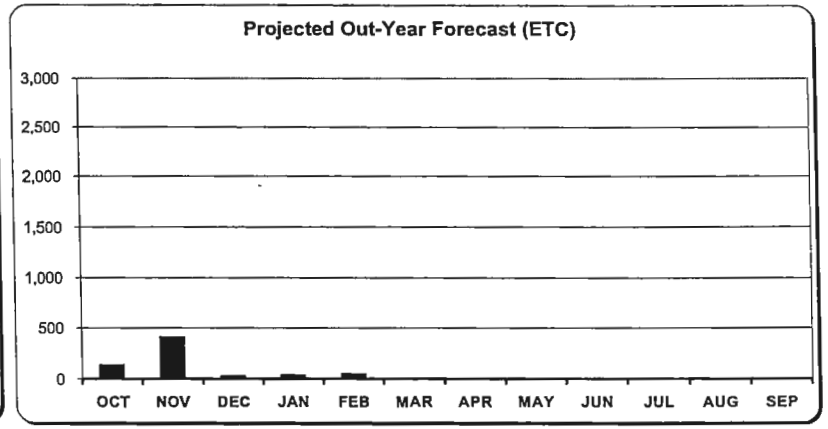
B. REMEDIAL ACTION AND WASTE DISPOSAL PROJECT

SCHEDULE PERFORMANCE ($'s in 000)





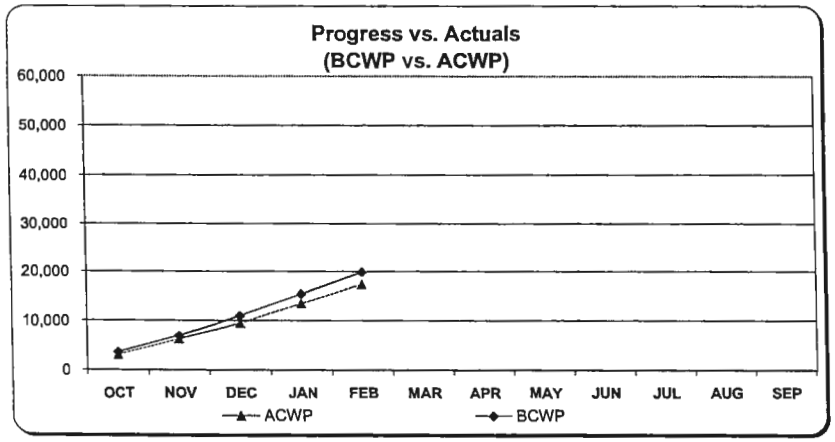


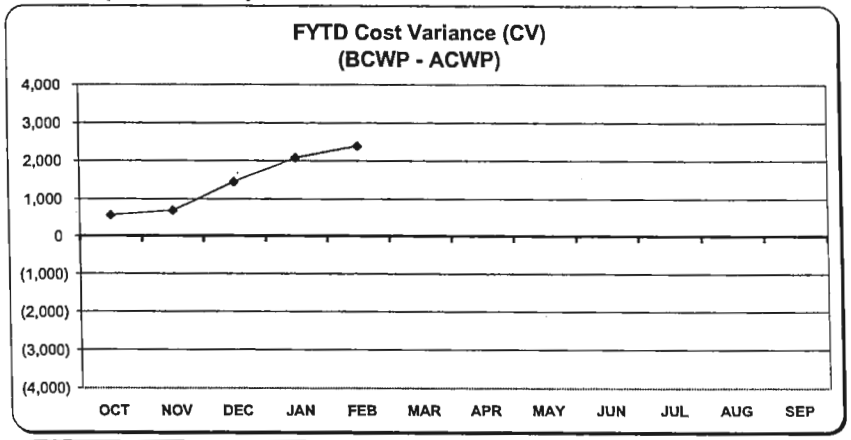


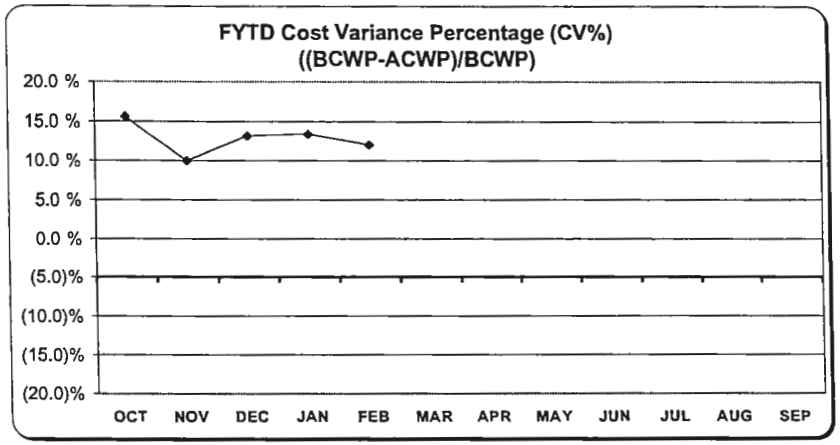
-	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
DWP	3,327	3,457	4,151	3,419	3,559	4,482	5,149	4,211	4,475	5,250	4,522	5,160
DWP (Cumulative)	3,327	6,785	10,936	14,355	17,914	22,396	27,545	31,756	36,231	41,482	46,004	51,164
CURRENT PERIOD												
BCWS	3,387	3,656	4,428	4,443	3,694	5,114	5,591	4,355	4,324	4,859	4,266	4,202
BCWP	3,623	3,253	4,092	4,542	4,354	-	-	-	-	-	-	-
FISCAL YEAR TO DATE												
BCWS	3,387	7,043	11,471	15,914	19,608	24,721	30,312	34,667	38,991	43,850	48,116	52,319
BCWP	3,623	6,876	10,968	15,511	19,864	-	-	-	-	-	-	-
SV	235	(167)	(503)	(403)	257	-	-	-	-	-	-	-
SV%	7.0%	-2.4%	-4.4%	-2.5%	1.3%							
Projected Out-Year	133	413	33	34	48	-	-	-	-	-	-	-

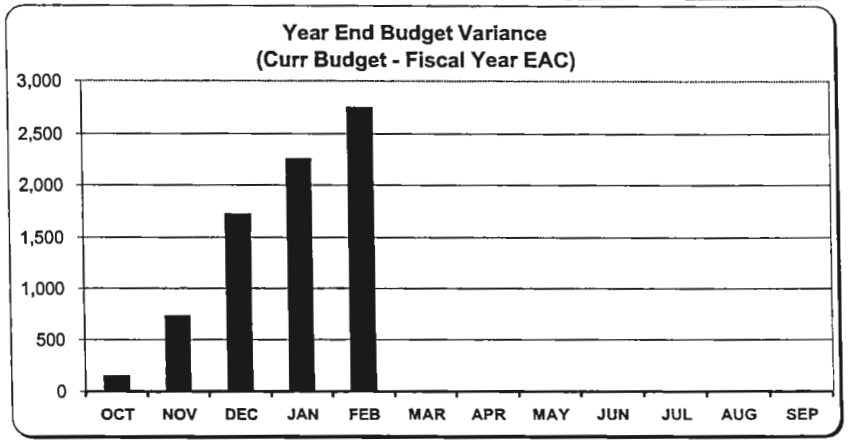
B. REMEDIAL ACTION AND WASTE DISPOSAL PROJECT

COST PERFORMANCE ($'s in 000)





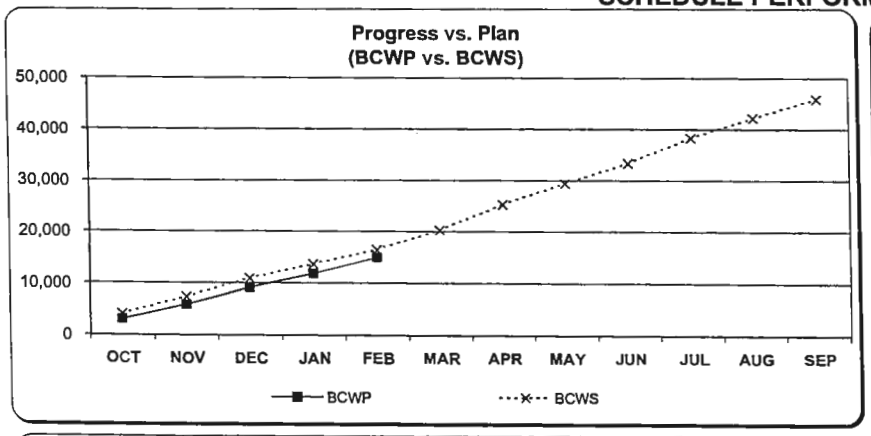


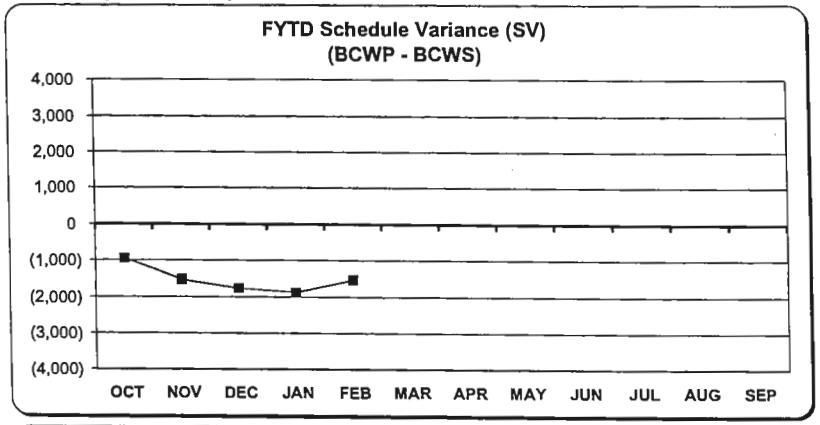


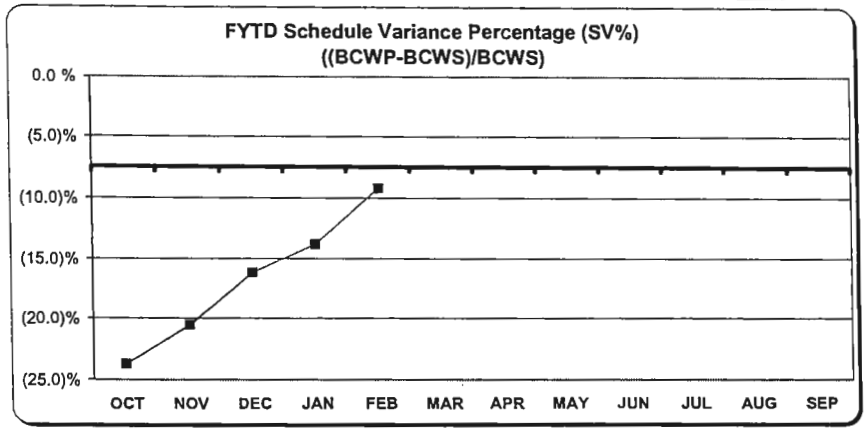
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	Out-Year FCST
CURRENT PERIOD													
ACWP	3,055	3,137	3,332	3,904	4,053	-	-	-	-	-	-	-	
BCWP	3,623	3,253	4,092	4,542	4,354	-	-	-	-	-	-	-	
FISCAL YEAR TO DATE													
ACWP	3,055	6,192	9,524	13,427	17,480	-	-	-	-	-	-	-	
BCWP	3,623	6,876	10,968	15,511	19,864	-	-	-	-	-	-	-	
CV	568	684	1,444	2,083	2,384	-	-	-	-	-	-	-	
CV%	15.7%	9.9%	13.2%	13.4%	12.0%								
EAC (Cumulative)	3,055	6,192	9,524	13,427	17,480	21,964	27,329	31,948	36,193	41,007	45,336	49,519	49,568
Yr End Budget Var	150	733	1,725	2,257	2,751	-	-	-	-	-	-	-	48

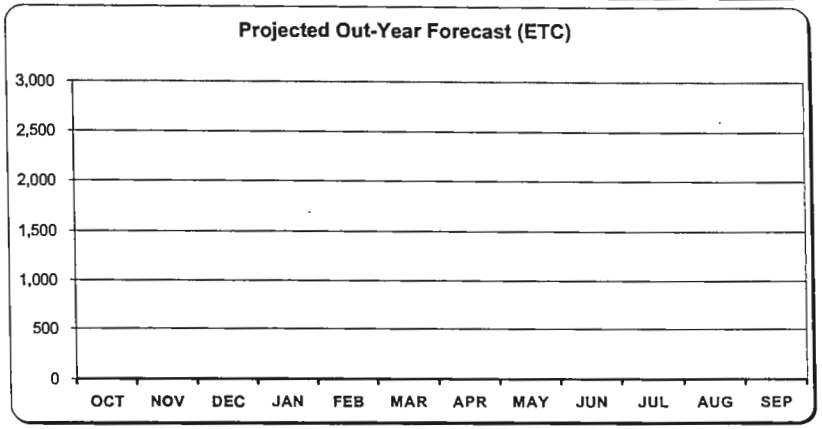
C. GROUNDWATER/VADOSE ZONE INTEGRATION PROJECT

SCHEDULE PERFORMANCE ($'s in 000)





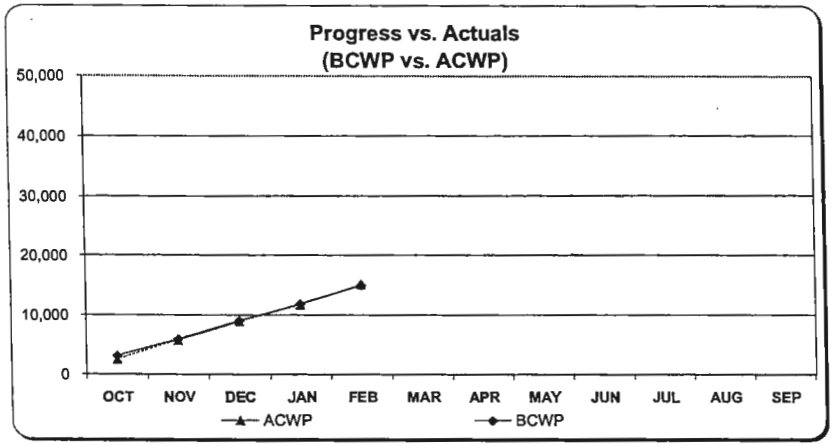


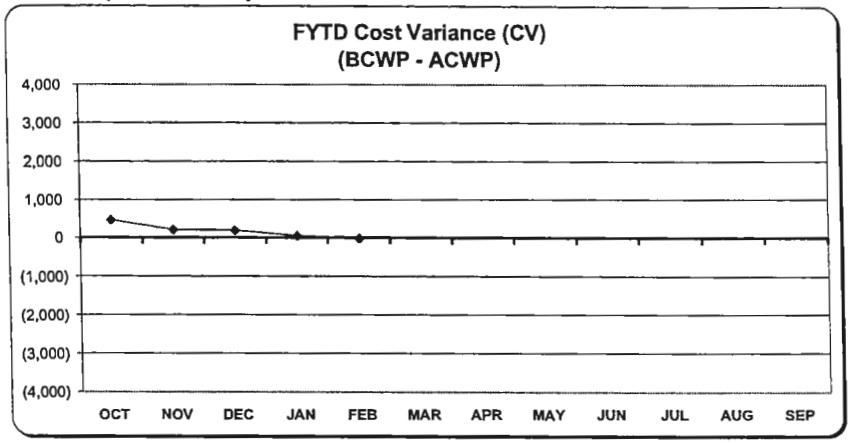


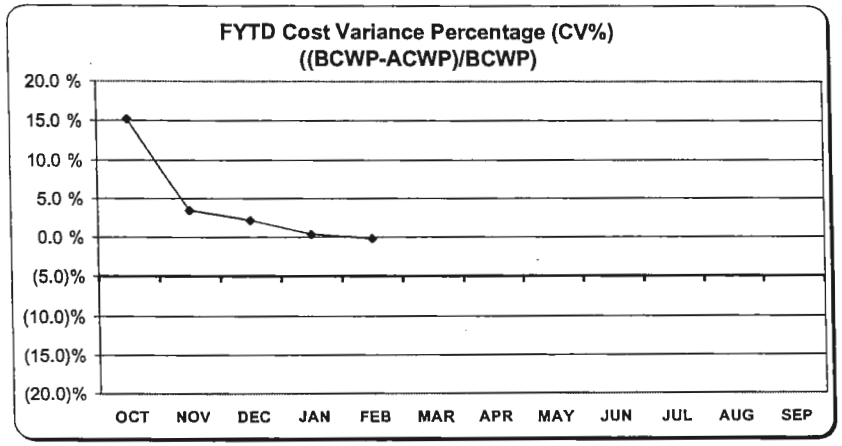
-	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
DWP	2,692	2,464	2,667	2,692	2,515	3,192	3,995	3,332	3,184	3,734	3,027	2,724
DWP (Cumulative)	2,692	5,155	7,822	10,515	13,030	16,222	20,216	23,549	26,733	30,467	33,494	36,218
CURRENT PERIOD												
BCWS	4,041	3,392	3,407	2,849	2,828	3,798	4,924	4,177	3,965	5,012	3,905	3,607
BCWP	3,083	2,822	3,183	2,720	3,186	-	-	-	-	-	-	-
FISCAL YEAR TO DATE												
BCWS	4,041	7,433	10,840	13,688	16,516	20,314	25,239	29,416	33,381	38,394	42,299	45,906
BCWP	3,083	5,905	9,088	11,807	14,994	-	-	-	-	-	-	-
SV	(958)	(1,528)	(1,752)	(1,881)	(1,523)	-	-	-	-	-	-	-
SV%	-23.7%	-20.6%	-16.2%	-13.7%	-9.2%							
Projected Out-Year	-	-	-	-	-	-	-	-	-	-	-	-

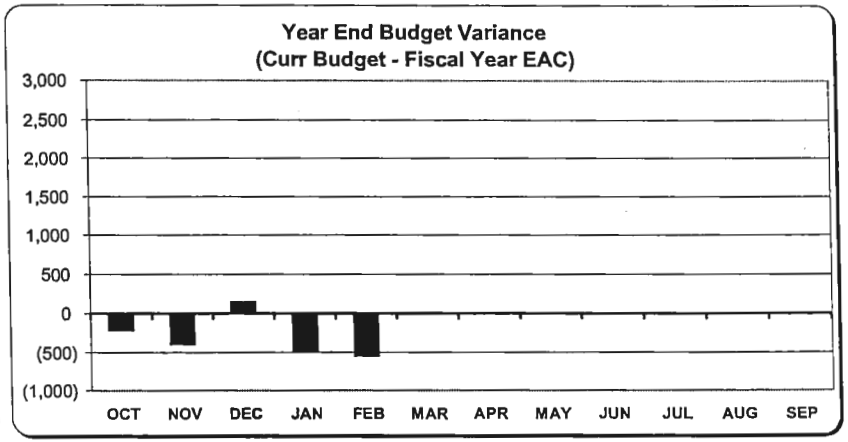
C. GROUNDWATER/VADOSE ZONE INTEGRATION PROJECT

COST PERFORMANCE ($'s in 000)





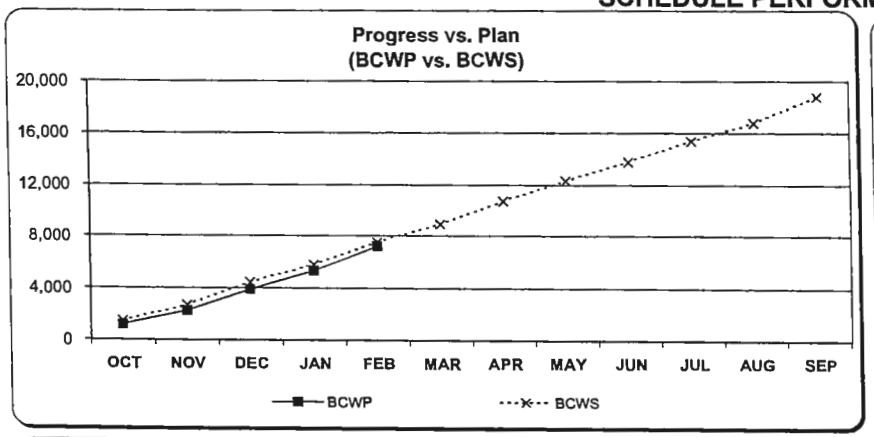


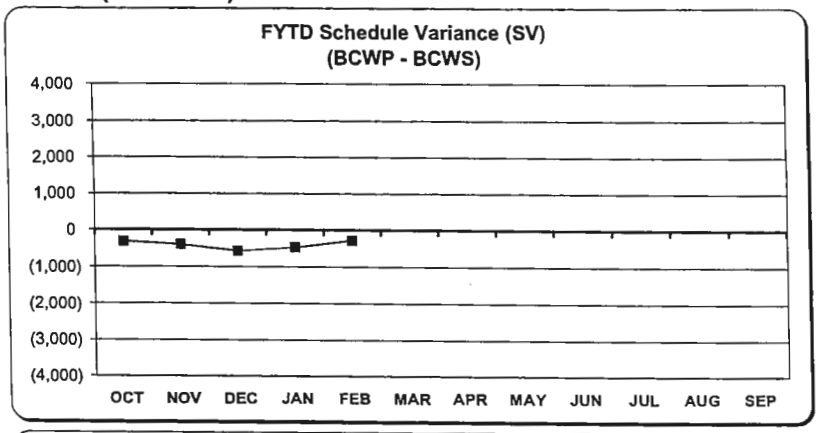


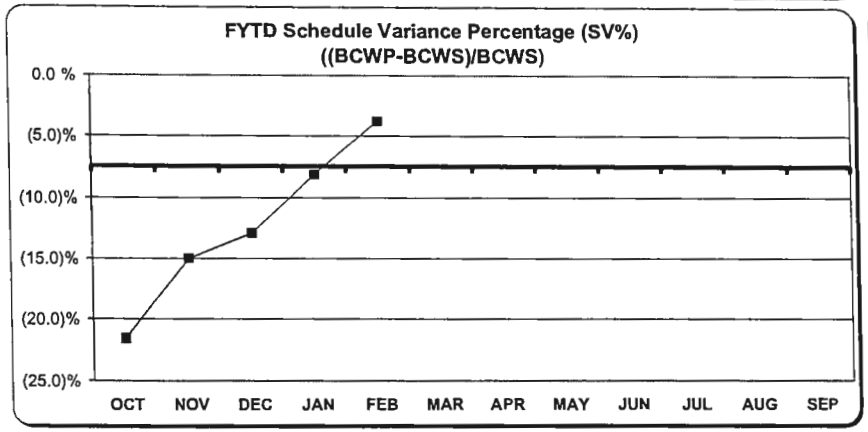
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	Out-Year FCST
CURRENT PERIOD													
ACWP	2,613	3,085	3,190	2,876	3,250	-	-	-	-	-	-	-	
BCWP	3,083	2,822	3,183	2,720	3,186	-	-	-	-	-	-	-	
FISCAL YEAR TO DATE													
ACWP	2,613	5,698	8,888	11,765	15,015	-	-	-	-	-	-	-	
BCWP	3,083	5,905	9,088	11,807	14,994	-	-	-	-	-	-	-	
CV	470	207	199	43	(21)	-	-	-	-	-	-	-	
CV%	15.2%	3.5%	2.2%	0.4%	-0.1%								
EAC (Cumulative)	2,613	5,698	8,888	11,765	15,015	19,155	24,595	29,377	33,734	39,167	42,938	46,450	46,450
Yr End Budget Var	(209)	(393)	138	(478)	(544)	-	-	-	-	-	-	-	-

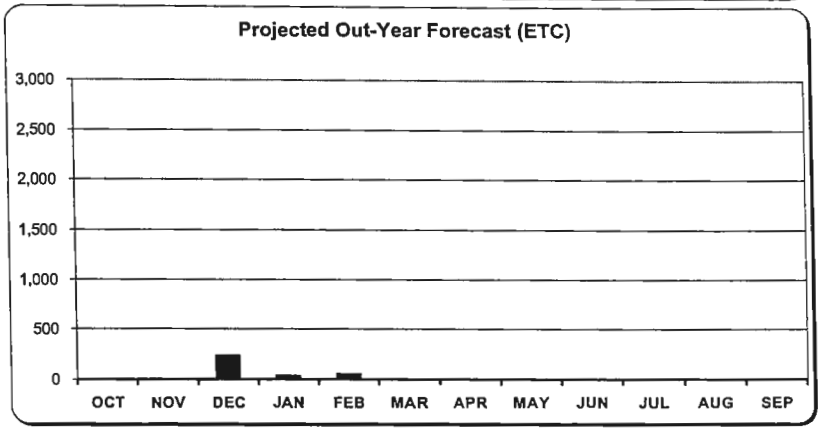
D. DECOMMISSIONING PROJECTS

SCHEDULE PERFORMANCE ($'s in 000)





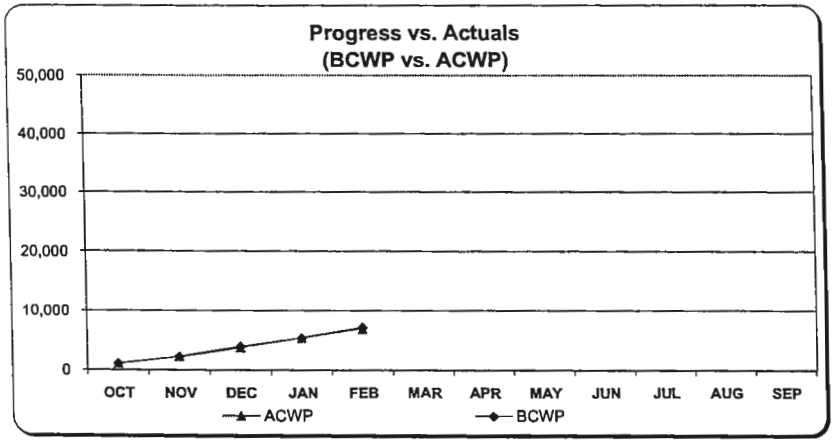


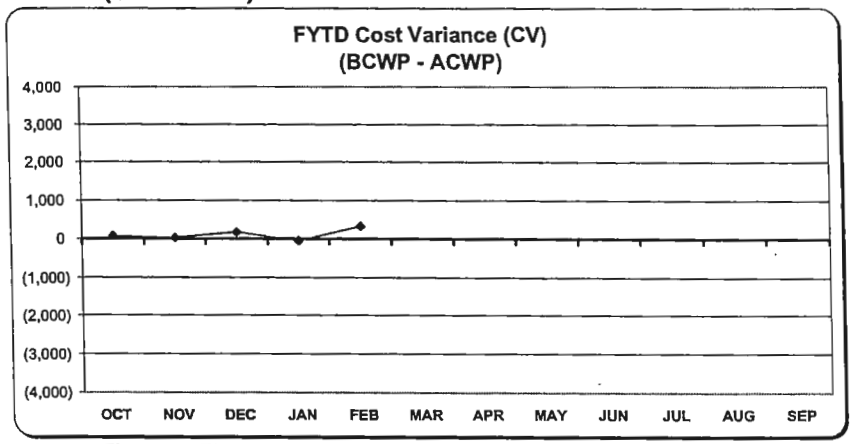


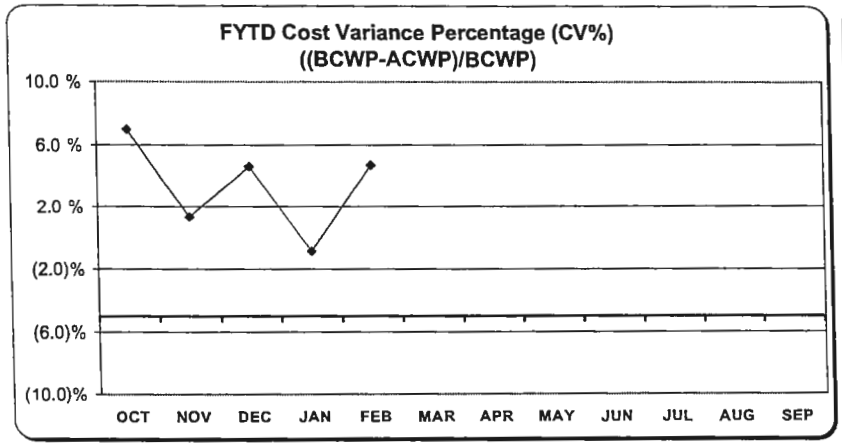
-	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
DWP	1,045	1,000	1,281	390	398	464	515	383	367	464	400	488
DWP (Cumulative)	1,045	2,045	3,326	3,717	4,114	4,579	5,093	5,476	5,843	6,307	6,707	7,195
CURRENT PERIOD												
BCWS	1,474	1,194	1,779	1,383	1,688	1,442	1,778	1,565	1,467	1,625	1,409	1,991
BCWP	1,156	1,111	1,605	1,483	1,878	-	-	-	-	-	-	-
FISCAL YEAR TO DATE												
BCWS	1,474	2,667	4,447	5,830	7,518	8,959	10,737	12,302	13,769	15,394	16,803	18,794
BCWP	1,156	2,267	3,872	5,355	7,233	-	-	-	-	-	-	-
SV	(318)	(400)	(575)	(474)	(285)	-	-	-	-	-	-	-
SV%	-21.6%	-15.0%	-12.9%	-8.1%	-3.8%							
Projected Out-Year	-	-	239	35	57	-	-	-	-	-	-	-

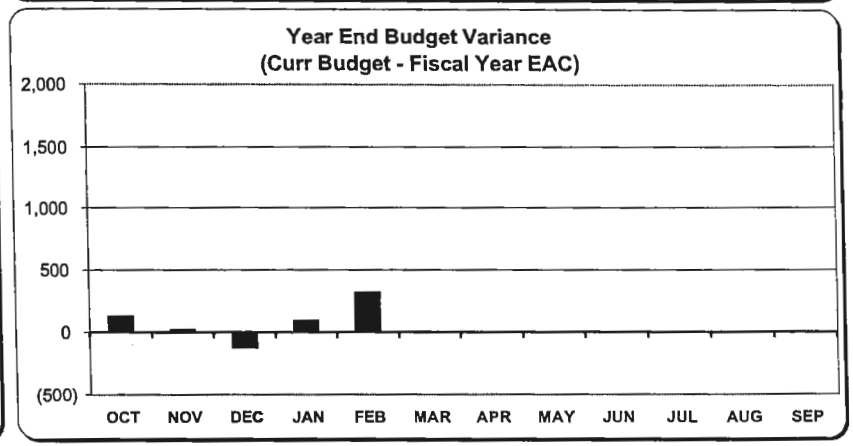
D. DECOMMISSIONING PROJECTS

COST PERFORMANCE ($'s in 000)





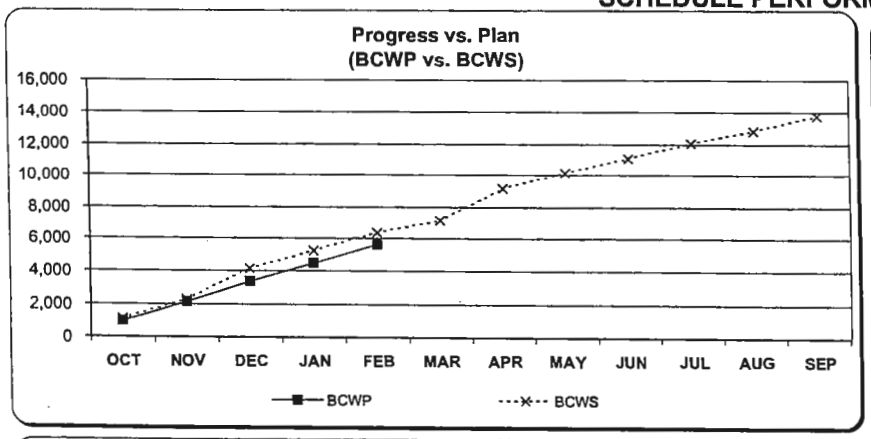


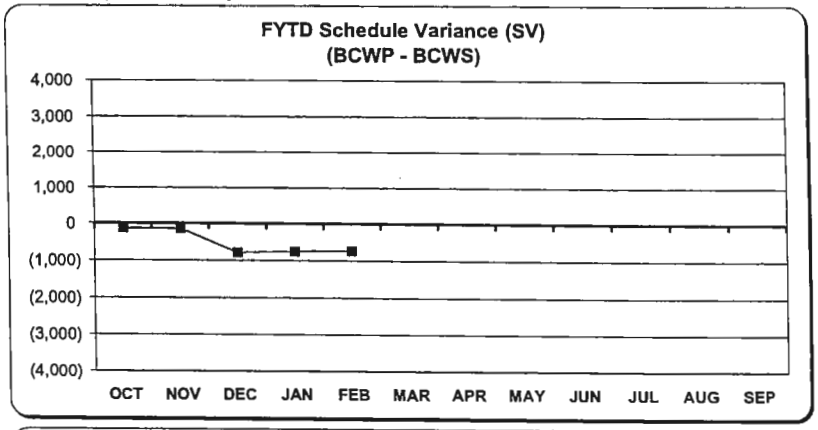


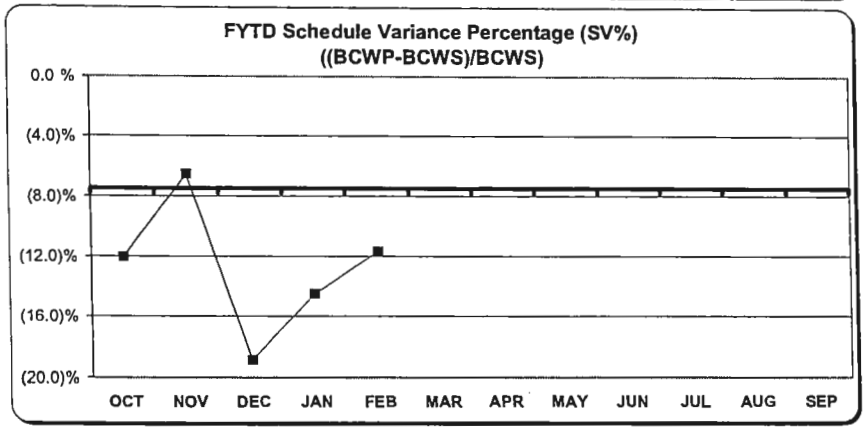
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	Out-Year FCST
CURRENT PERIOD													
ACWP	1,075	1,161	1,456	1,709	1,488	-	-	-	-	-	-	-	
BCWP	1,156	1,111	1,605	1,483	1,878	-	-	-	-	-	-	-	
FISCAL YEAR TO DATE													
ACWP	1,075	2,236	3,692	5,402	6,890	-	-	-	-	-	-	-	
BCWP	1,156	2,267	3,872	5,355	7,233	-	-	-	-	-	-	-	
CV	82	31	180	(46)	343	-	-	-	-	-	-	-	
CV%	7.1%	1.4%	4.6%	-0.9%	4.7%								
EAC (Cumulative)	1,075	2,236	3,692	5,402	6,890	9,059	10,735	12,163	13,687	15,353	16,729	18,421	18,479
Yr End Budget Var	129	25	(119)	93	315	-	-	-	-	-	-	-	57

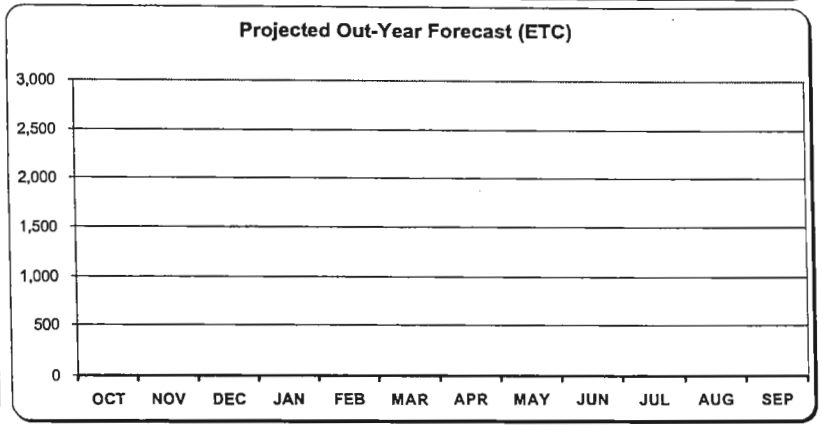
E. SURVEILLANCE/MAINTENANCE AND TRANSITION PROJECTS

SCHEDULE PERFORMANCE ($'s in 000)





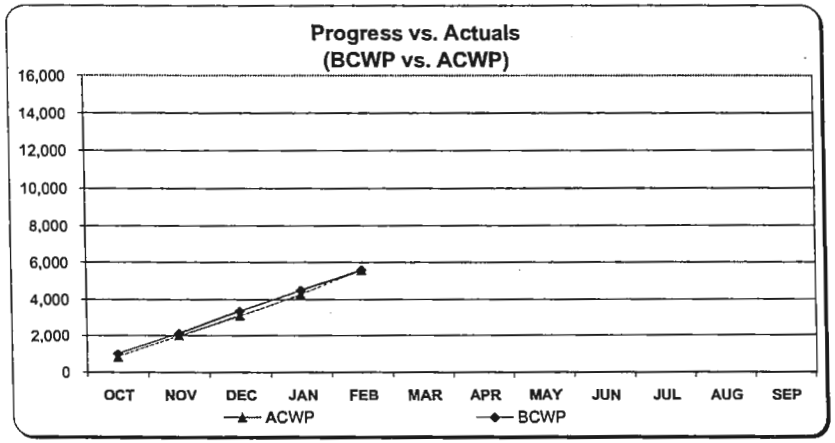


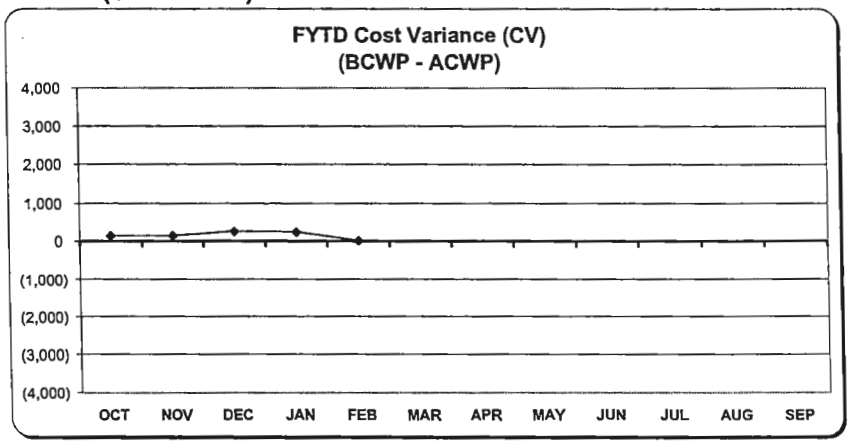


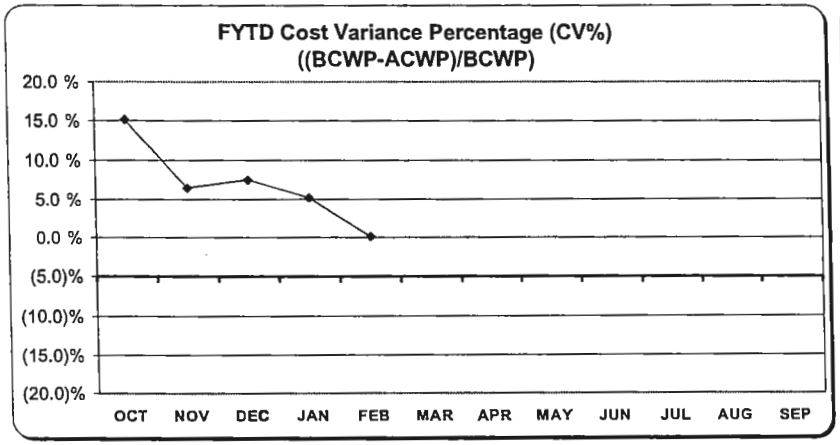
-	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
DWP	1,373	837	1,285	1,202	1,006	970	1,971	975	897	950	765	851
DWP (Cumulative)	1,373	2,210	3,495	4,698	5,704	6,674	8,645	9,620	10,516	11,467	12,232	13,083
CURRENT PERIOD												
BCWS	1,114	1,176	1,859	1,088	1,128	781	2,027	995	936	972	769	926
BCWP	981	1,160	1,226	1,113	1,144	-	-	-	-	-	-	-
FISCAL YEAR TO DATE												
BCWS	1,114	2,291	4,150	5,238	6,366	7,147	9,174	10,169	11,104	12,076	12,845	13,771
BCWP	981	2,140	3,366	4,480	5,623	-	-	-	-	-	-	-
SV	(134)	(150)	(783)	(758)	(743)	-	-	-	-	-	-	-
SV%	-12.0%	-6.6%	-18.9%	-14.5%	-11.7%							
Projected Out-Year	-	-	-	-	-	-	-	-	-	-	-	-

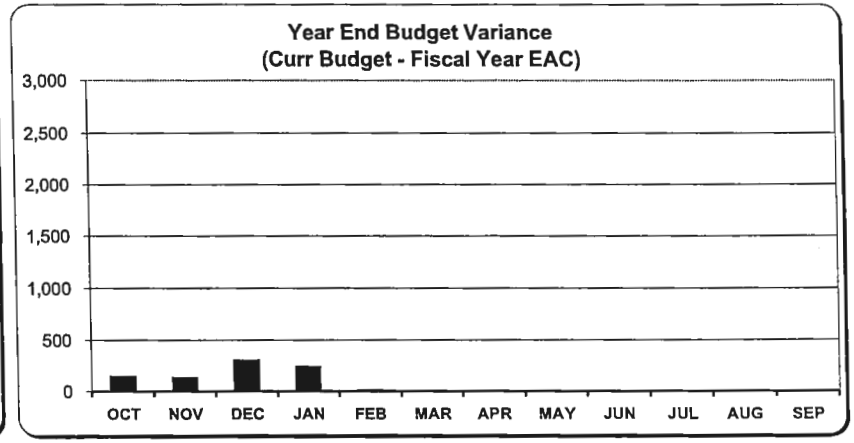
E. SURVEILLANCE/MAINTENANCE AND TRANSITION PROJECTS

COST PERFORMANCE ($'s in 000)





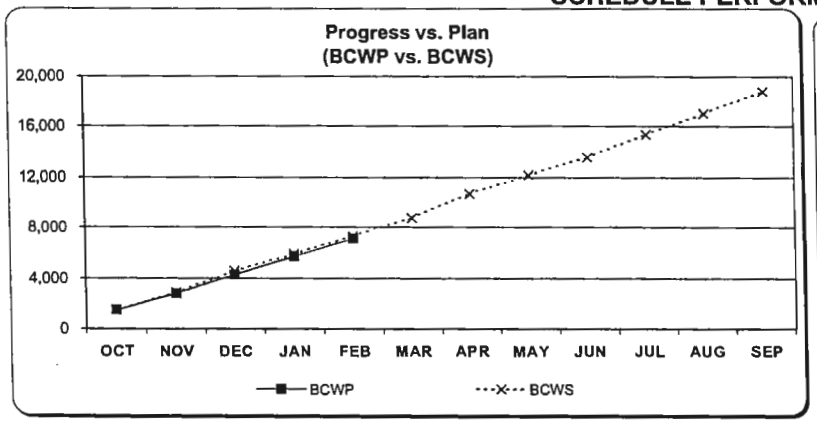


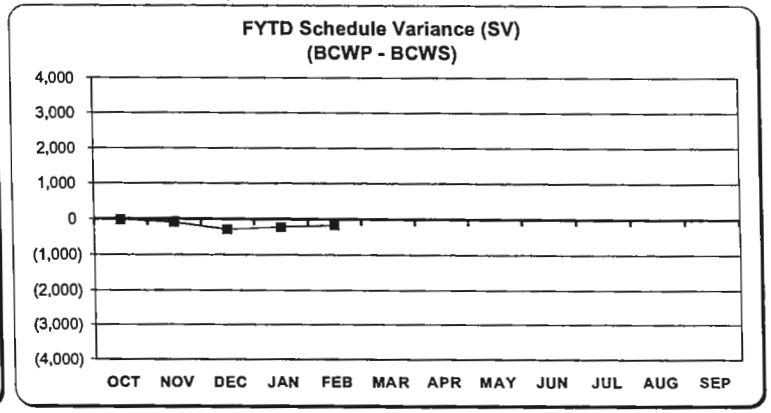


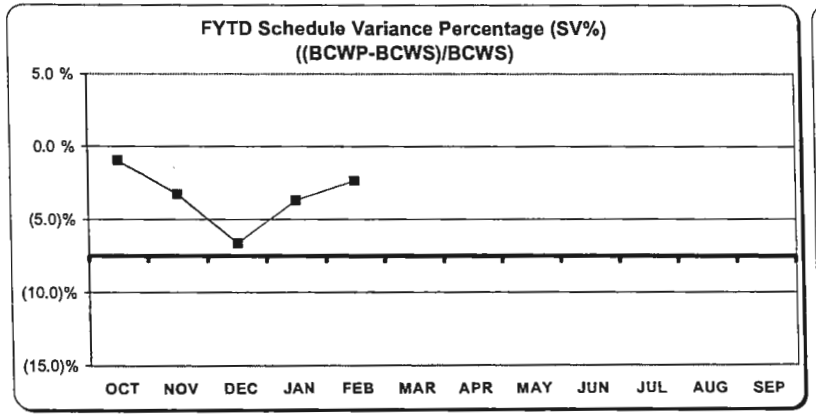
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	Out-Year FCST
CURRENT PERIOD													
ACWP	832	1,171	1,110	1,134	1,368	-	-	-	-	-	-	-	
BCWP	981	1,160	1,226	1,113	1,144	-	-	-	-	-	-	-	
FISCAL YEAR TO DATE													
ACWP	832	2,002	3,113	4,246	5,614	-	-	-	-	-	-	-	
BCWP	981	2,140	3,366	4,480	5,623	-	-	-	-	-	-	-	
CV	149	138	254	233	9	-	-	-	-	-	-	-	
CV%	15.2%	6.4%	7.5%	5.2%	0.2%								
EAC (Cumulative)	832	2,002	3,113	4,246	5,614	6,587	8,121	9,468	10,744	11,899	12,815	13,762	13,762
Yr End Budget Var	149	138	305	244	9	-	-	-	-	-	-	-	-

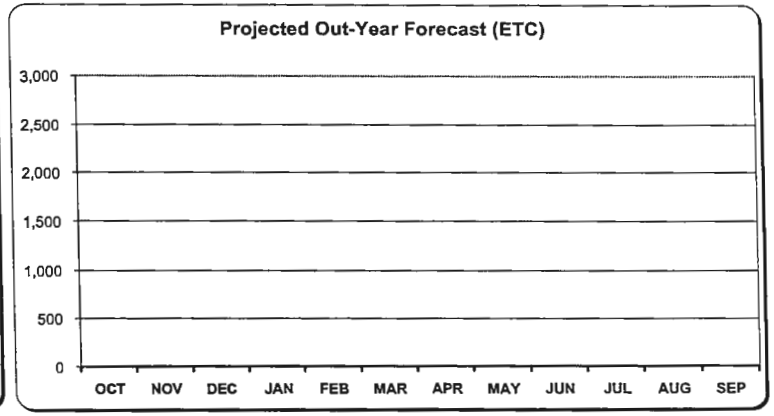
F. PROGRAM MANAGEMENT AND SUPPORT - ERC

SCHEDULE PERFORMANCE ($'s in 000)





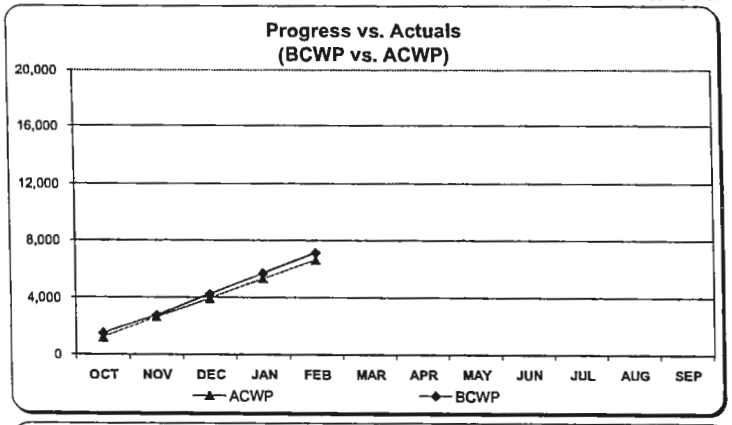


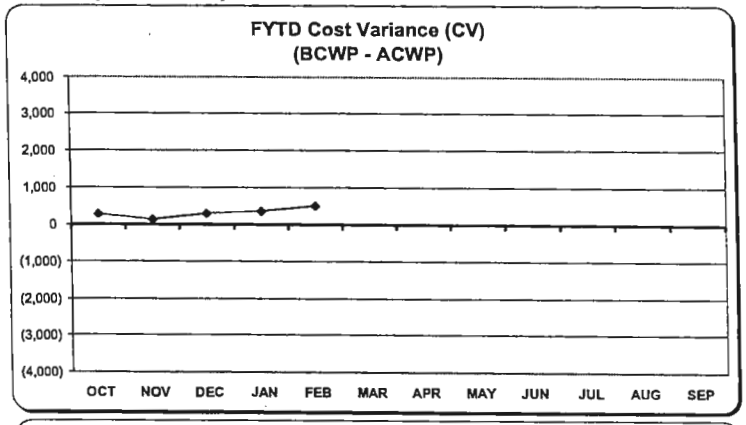


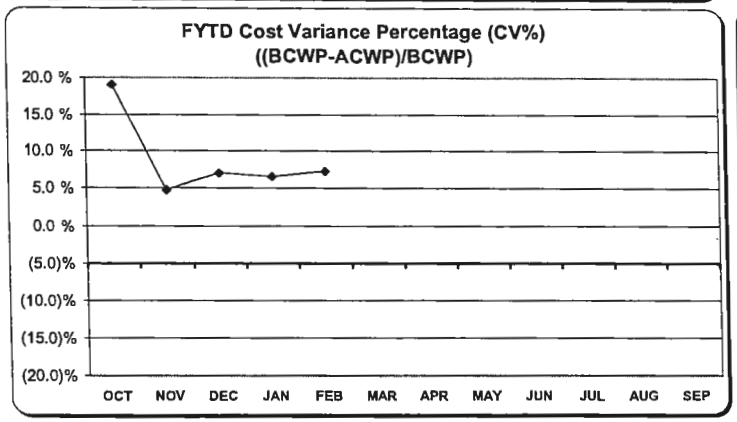
-	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
DWP	1,434	1,288	1,610	1,338	1,340	1,453	1,835	1,478	1,397	1,742	1,544	1,863
DWP (Cumulative)	1,434	2,722	4,332	5,670	7,010	8,463	10,298	11,776	13,173	14,915	16,459	18,323
CURRENT PERIOD **** Excluding costs associated with Fee or Special Billings ****												
BCWS	1,527	1,344	1,693	1,363	1,380	1,490	1,870	1,504	1,421	1,773	1,682	1,784
BCWP	1,512	1,264	1,486	1,444	1,428	-	-	-	-	-	-	-
FISCAL YEAR TO DATE **** Excluding costs associated with Fee or Special Billings ****												
BCWS	1,527	2,871	4,564	5,927	7,307	8,797	10,667	12,172	13,593	15,366	17,048	18,831
BCWP	1,512	2,777	4,263	5,707	7,135	-	-	-	-	-	-	-
SV	(14)	(94)	(301)	(220)	(173)	-	-	-	-	-	-	-
SV%	-0.9%	-3.3%	-6.6%	-3.7%	-2.4%							
FCST	-	-	-	-	-	-	-	-	-	-	-	-
FISCAL YEAR TO DATE **** Total costs ****												
DWP (Cumulative)	2,233	4,321	6,731	8,869	11,008	13,261	15,895	18,173	20,370	22,911	25,255	28,985
BCWS	2,326	4,538	7,614	9,811	12,025	14,353	17,271	19,613	22,131	24,756	27,549	31,221
BCWP	2,312	4,447	7,313	9,591	11,848	-	-	-	-	-	-	-
SV	(14)	(91)	(301)	(220)	(178)	-	-	-	-	-	-	-
SV%	-0.6%	-2.0%	-4.0%	-2.2%	-1.5%							

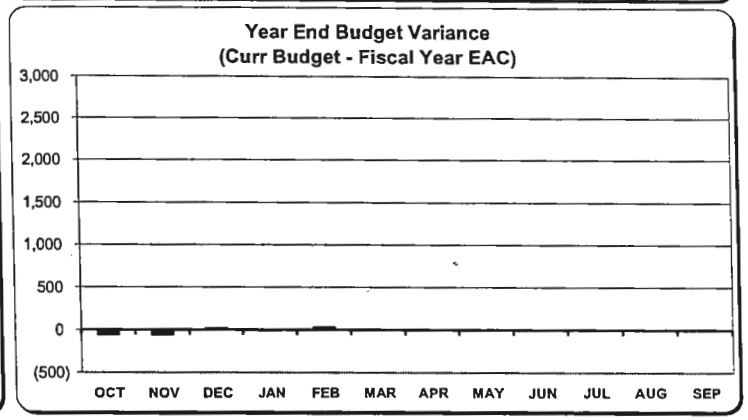
F. PROGRAM MANAGEMENT AND SUPPORT - ERC

COST PERFORMANCE ($'s in 000)





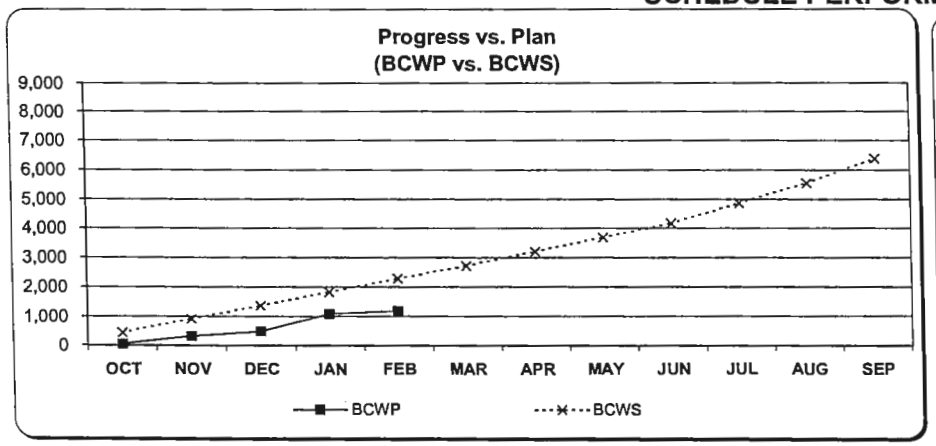


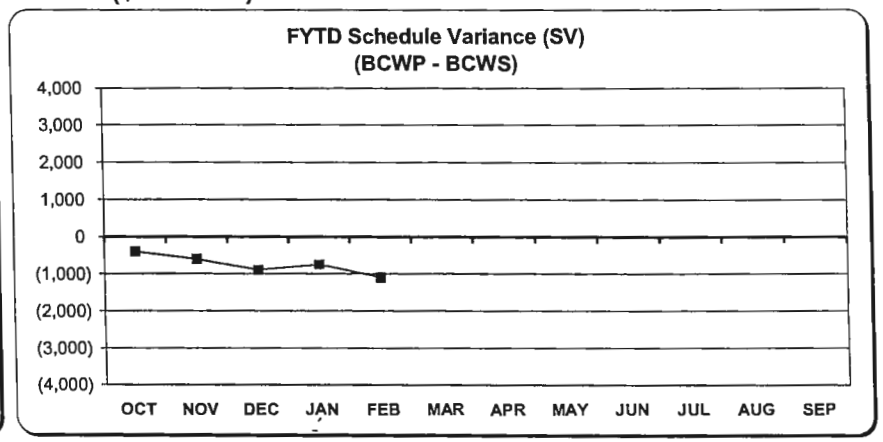


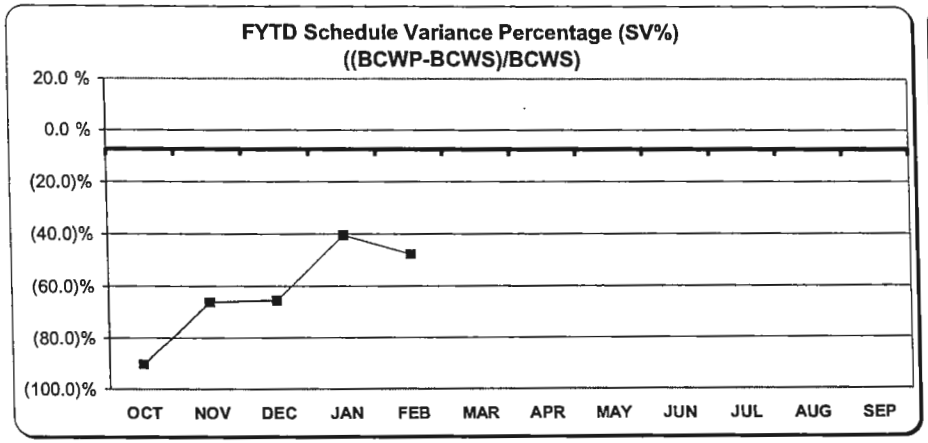
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	Out-Year FCST
CURRENT PERIOD **** Excluding costs associated with Fee or Special Billings ****													
ACWP	1,223	1,422	1,318	1,370	1,282	-	-	-	-	-	-	-	
BCWP	1,512	1,264	1,486	1,444	1,428	-	-	-	-	-	-	-	
FISCAL YEAR TO DATE **** Excluding costs associated with Fee or Special Billings ****													
ACWP	1,223	2,645	3,964	5,334	6,616	-	-	-	-	-	-	-	
BCWP	1,512	2,777	4,263	5,707	7,135	-	-	-	-	-	-	-	
CV	289	131	299	373	519	-	-	-	-	-	-	-	
CV%	19.1%	4.7%	7.0%	6.5%	7.3%								
EAC (Cumulative)	1,223	2,645	3,964	5,334	6,616	8,272	10,250	11,822	13,396	15,346	16,898	18,803	18,803
Yr End Budget Var	(52)	(55)	28	(5)	28	-	-	-	-	-	-	-	-
FISCAL YEAR TO DATE **** Total costs ****													
ACWP	1,995	4,217	6,570	8,603	11,386	-	-	-	-	-	-	-	
BCWP	2,312	4,447	7,313	9,591	11,848	-	-	-	-	-	-	-	
CV	317	230	743	988	462	-	-	-	-	-	-	-	
CV%	13.7%	5.2%	10.2%	10.3%	3.9%								
EAC (Cumulative)	1,995	4,217	6,570	8,603	11,386	13,905	16,948	19,384	22,083	24,903	27,592	31,478	31,478
YE Budget Var BYR	(24)	41	192	83	(257)	-	-	-	-	-	-	-	-

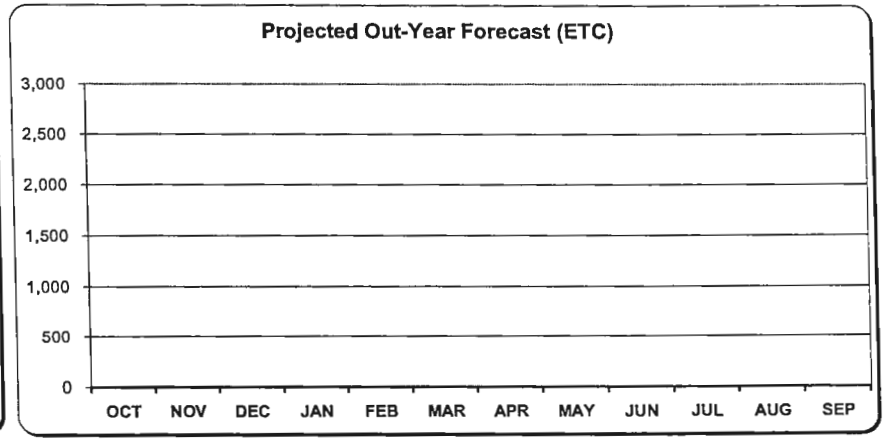
G. PROGRAM MANAGEMENT AND SUPPORT - RL

SCHEDULE PERFORMANCE ($'s in 000)





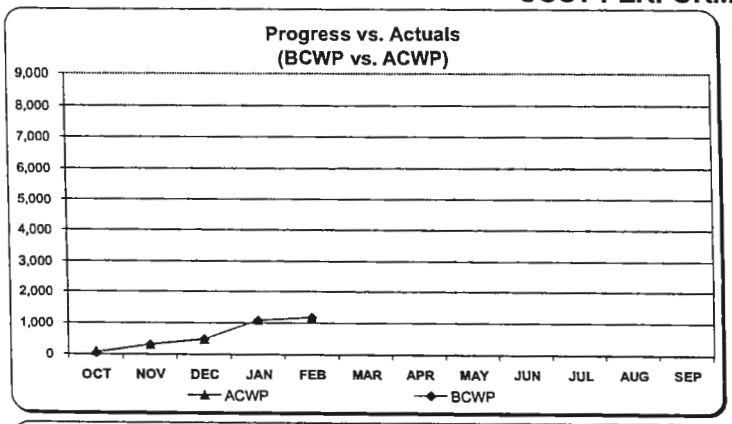


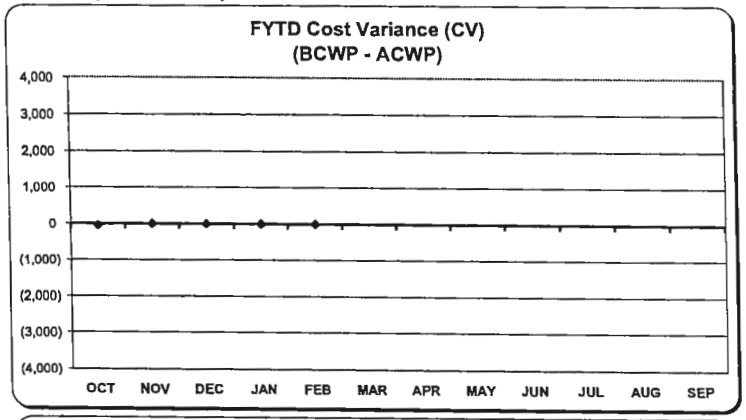


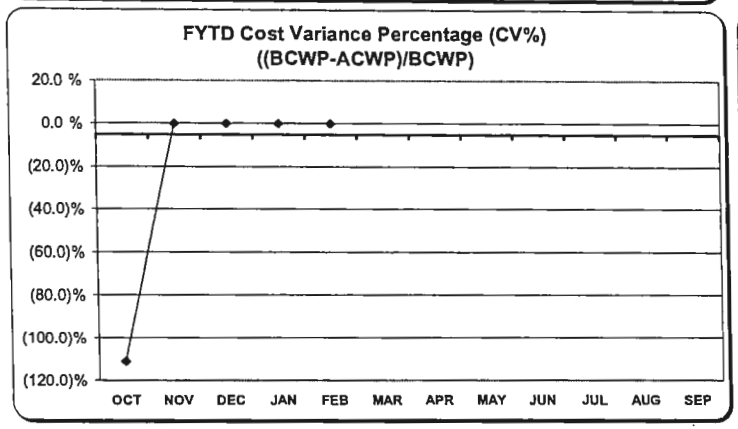
-	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
DWP	440	440	440	440	440	453	440	440	440	440	440	452
DWP (Cumulative)	440	879	1,319	1,758	2,198	2,650	3,090	3,529	3,969	4,408	4,848	5,300
CURRENT PERIOD												
BCWS	440	474	465	459	451	451	475	485	485	685	685	827
BCWP	41	267	168	618	99	-	-	-	-	-	-	-
FISCAL YEAR TO DATE												
BCWS	440	913	1,378	1,837	2,288	2,740	3,215	3,700	4,185	4,870	5,555	6,381
BCWP	41	309	477	1,095	1,194	-	-	-	-	-	-	-
SV	(398)	(604)	(901)	(742)	(1,095)	-	-	-	-	-	-	-
SV%	-90.6%	-66.2%	-65.4%	-40.4%	-47.8%							
Projected Out-Year FCST	-	-	-	-	-	-	-	-	-	-	-	-

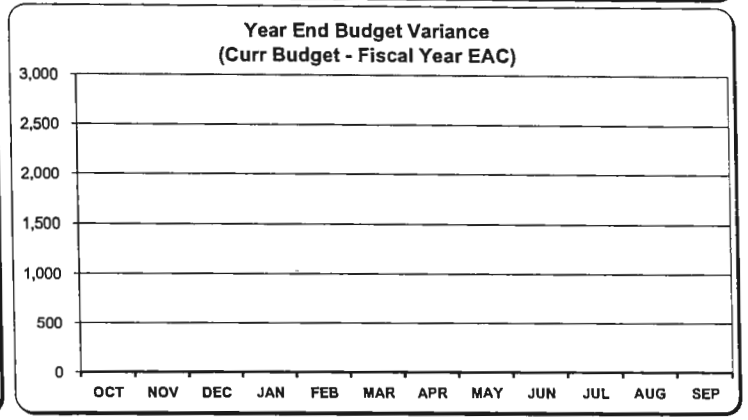
G. PROGRAM MANAGEMENT AND SUPPORT - RL

COST PERFORMANCE ($'s in 000)



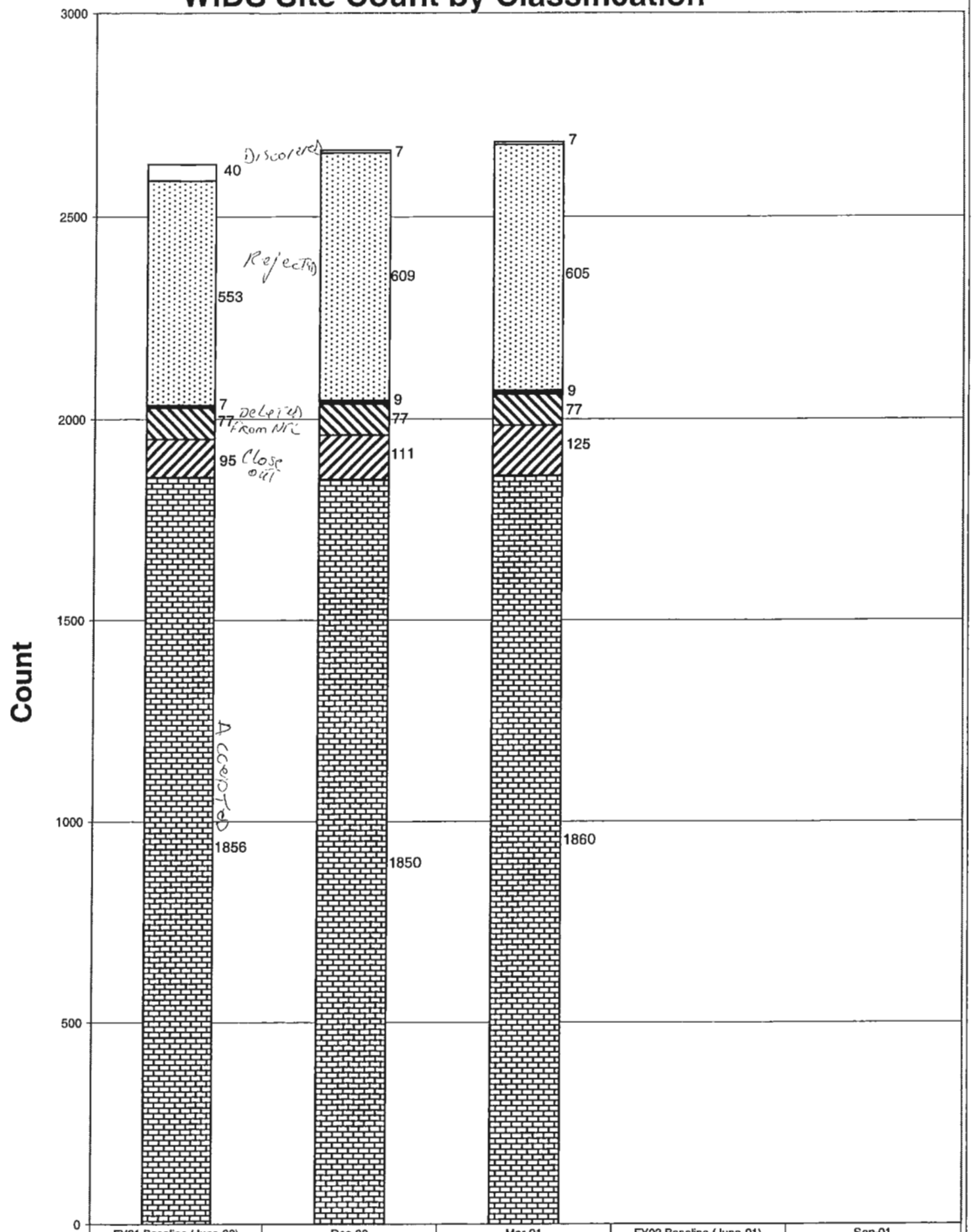






	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	Out-Year FCST
CURRENT PERIOD													
ACWP	87	221	168	618	99	-	-	-	-	-	-	-	
BCWP	41	267	168	618	99	-	-	-	-	-	-	-	
FISCAL YEAR TO DATE													
ACWP	87	309	477	1,095	1,194	-	-	-	-	-	-	-	
BCWP	41	309	477	1,095	1,194	-	-	-	-	-	-	-	
CV	(46)	-	-	-	-	-	-	-	-	-	-	-	
CV%	-111.1%												
EAC (Cumulative)	87	309	477	1,095	1,194	1,931	2,669	3,407	4,144	4,882	5,620	6,382	6,382
Yr End Budget Var	-	-	-	-	-	-	-	-	-	-	-	-	-

WIDS Site Count by Classification



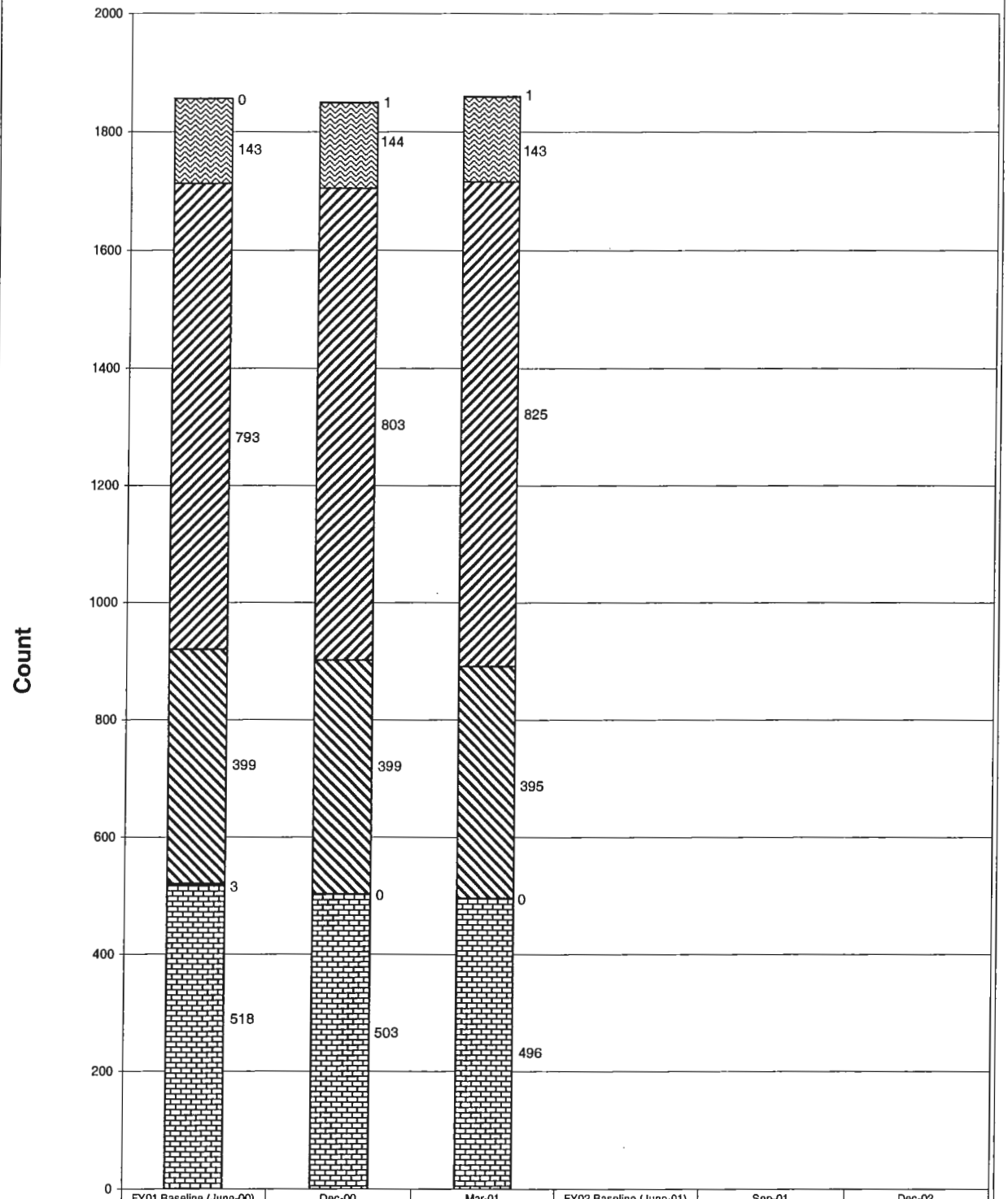
	FY01 Baseline (June-00)	Dec-00	Mar-01	FY02 Baseline (June-01)	Sep-01
Discovery	40	7	7		
Rejected	553	609	605		
No Action	7	9	9		
Deleted From NPL (Closed Out)	77	77	77		
Closed Out	95	111	125		
Accepted	1856	1850	1860		

Notes: 1. The above WIDS counts are continuously changing and **do not represent the ERC Life Cycle Baseline**. The ERC Life Cycle Baseline is based on an annual download/picture in time of WIDS (every June) and the incorporation of BCP's through the annual DWP/Baseline update process. The projects may re-classify sites (e.g., Future Reject, Future No Action, etc.), or re-assign Operable Units to represent the future status of the site. Also, not all WIDS sites are ERC work scope (e.g., 200 Area Tank Farms, Work by Others, etc.).

2. WIDS June-00 is the basis for the ERC Life Cycle Baseline issued on January 10, 2001 excluding changes by ERC (see note 1).
3. The latest month (above) includes 200 Area Tank Farm sites of which 395 are accepted and 1 is rejected.
4. The counts in the latest month are from WIDS downloaded 3/21/01.

File: P:\LAPIERRE\WIDS Monthly Counts\[Quarterly Charts of WIDS Counts w BL Comparison.xls]Classif Chart

Acceptable Site Count by Area



	FY01 Baseline (June-00)	Dec-00	Mar-01	FY02 Baseline (June-01)	Sep-01	Dec-02
None	0	1	1			
300 OU Area	143	144	143			
200 OU Area	793	803	825			
200 Area Tank Farm	399	399	395			
1100 OU Area	3	0	0			
100 OU Area	518	503	496			

Notes:
1. OU Area is the area based on first 3 characters of the operable unit.
2. WIDS June-00 is the basis for the ERC Life Cycle Baseline issued on January 10, 2001 excluding changes by ERC (see note 3).
3. The above WIDS counts are continuously changing and **do not represent the ERC Life Cycle Baseline**. The ERC Life Cycle Baseline is based on an annual download/picture in time of WIDS (every June) and the incorporation of BCP's through the annual DWP/Baseline update process. The projects may re-classify sites (e.g., Future Reject, Future No Action, etc.), or re-assign Operable Units to represent the future status of the site. Also, not all WIDS sites are ERC work scope (e.g., 200 Area Tank Farms, Work by Others, etc.).
4. The counts in the latest month are from WIDS downloaded 3/21/01.

File: P:\LAPIERRE\WIDS Monthly Counts\[Quarterly Charts of WIDS Counts w BL Comparison.xls]Area Chart of Accptd

Tritium Treatment Technology Evaluation

Tri-Party Agreement Milestone M-26-05H

March 27, 2001

Glenn Richardson

DOE Waste Management Division

Tritium Treatment Technology Evaluation
(Tri-Party Agreement Milestone M-26-05H)
March 27, 2001

- Report due August 31, 2001 is on schedule
  - Draft report due from subcontractor May 24, 2001
  - Anticipate submittal to Ecology ahead of schedule

Tritium Treatment Technology Evaluation
(Tri-Party Agreement Milestone M-26-05H)
March 27, 2001

- The need to report and evaluate tritium treatment technology on an annual basis was identified
  - August 1994, the report was incorporated into the Tri-Party Agreement
  - April 1996, the reporting frequency was modified to biennial
- Report would evaluate and status the development of tritium treatment technology and its application for cleanup and management of tritiated waste water (e.g., 242-A Evaporator process condensate liquid effluent) and tritium contaminated groundwater

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

G. L. Sinton
DOE Waste Management Division

Land Disposal Restrictions Report
(Tri-Party Agreement Milestone M-26-01)
March 27, 2001

- Tri-Party Agreement requires that a Hanford Site Land Disposal Restrictions (LDR) Report be submitted annually

- Background events include:
  - Ecology issued a Notice of Correction (NOC) in June 1999 following LDR compliance inspection
  - Ecology Director's Final Determination issued March 29, 2000; DOE appealed the Determination to the PCHB
  - DOE and Ecology entered into a series of negotiation meetings
  - DOE withdrew the LDR related portions of the appeal on December 29, 2000, and January 19, 2001.
  - Ecology approved the 2000 LDR report (CY 1999) in accordance with DOE's letter of 2/14/01.

Land Disposal Restrictions Report
(Tri-Party Agreement Milestone M-26-01)
March 27, 2001

- Ecology and DOE worked collaboratively to resolve issues associated with preparation and submittal of the annual LDR report.

  DATES TO COME NEGOTIATE A PATH FORWARD

  - Potential Mixed Waste Table (PMWT) will be included in annual reports, beginning with the 2001 LDR report (CY 2000)
  - Ecology participated in consistency reviews (five Ecology checkpoints) and provided guidance on datasheet and PMWT format
  - Report will contain Primary Document Statement and signature blocks
  - Report will include schedules/proposed milestone packages for characterization, storage, treatment and disposal, as needed
  - Report will reference storage assessments and provide assessment schedules
  - Storage Report is a snapshot in time from the generator's perspective

Land Disposal Restrictions Report
(Tri-Party Agreement Milestone M-26-01)
March 27, 2001

- Two month extension was proposed by DOE and approved by Ecology on January 29, 2001 (Tri-Party Agreement Change Request M-26-00-01).
  - Changed the time period covered from the report from April 1-March 31 to January 1-December 31
  - Extended the due date for the 2001 deliverable (M-26-01K) to June 30, 2001
  - Subsequent reports (2002, 2003, etc.) are due by April 30.

Land Disposal Restrictions Report
(Tri-Party Agreement Milestone M-26-01)
March 27, 2001

Actions Planned for Next Six Months

- Conduct assessments
- Ecology final checkpoint - review draft data sheets and draft PMWT
- Address Ecology comments on draft datasheets and draft PMWT
- LDR negotiation group to meet again to discuss report status
- Submit final 2001 LDR report (CY 2000) to Ecology by June 30, 2001

Land Disposal Restrictions Report
(Tri-Party Agreement Milestone M-26-01)
March 27, 2001

Issue

Close out of 2000 Interim LDR Report

- Submitted a letter with signed Primary Document Statement to Ecology for signature on February 14, 2001 to close out the 2000 Interim LDR Report
- Formalizes agreements reached between the agencies
- Issues resolved to all parties' satisfaction
- RL has not received return copy of the signed Primary Document Statement, but understands it to be in process

Impact

- Preparation guidance for the CY 2000 LDR Report based on the Director's Determination as well as the agreements reached and documented in DOE's February 14, 2001 letter; formal response needed

M-91-00

WASTE MANAGEMENT DIVISION

Todd Shrader

March 2001

TPA MILESTONE REVIEW	WASTE MANAGEMENT PROJECT	MARCH 2001

MILESTONE SCHEDULE

WBS (ADS)	BASELINE DATE	FISCAL YEAR 2001 (OCT, NOV, DEC, JAN, FEB, MAR, APR, MAY, JUN, JUL, AUG, SEP)	Status
1.2.2 (RL-WM04) Solid Waste Treatment	12/31/00	(M-91-01) Commitment to establish a date for: "Complete acquisition of TRU/TRUM Facilities" (I)	Change Request prepared – currently in dispute resolution; to be resolved with M-91-03 Dispute Resolution, April 24, 2001.
	12/31/02 12/31/05	(M-91-12) Initiate Thermal Treatment of LLMW.	Dispute Resolved and New Completion Dates Set.
	6/29/01	(M-91-18) Transmit T Plant Sludge Storage CDD to Ecology. (I)	On Schedule.
	6/30/01	(M-91-13) Initiate Disposal of LLMW. (I)	Trench 34 in Disposal Mode September 15, 1999.

MILESTONE TYPES:

- M TPA MILESTONE
- I TPA INTERIM
- DOE-HQ
- DOE-RL
- FORECAST
- Treatment Rate

TPA MILESTONE REVIEW	WASTE MANAGEMENT PROJECT	MARCH 2001

MILESTONE SCHEDULE

WBS (ADS)	BASELINE DATE	FISCAL YEAR 2002												Status
		OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
1.2.2 (RL-WM04) Solid Waste Treatment	9/30/02						(M-91-19-T01) Complete Physical Activities at T Plant Necessary to Store Floor and Pit Sludge							On Schedule.

MILESTONE TYPES:

- M TPA MILESTONE
- I TPA INTERIM
- DOE-HQ
- DOE-RL
- FORECAST
- Treatment Rate

MILESTONE EXCEPTION REPORT

TPA MILESTONE	FUTURE MILESTONES IN JEOPARDY
M-91-07	"Complete Project W-113 for Post 1970 CH TRU/TRUM retrieval" by September 2004.

TPA MILESTONE REVIEW	WASTE MANAGEMENT PROJECT	MARCH 2001

MILESTONE EXCEPTION REPORT

TPA MILESTONE	MILESTONES IN DISPUTE
M-91-01	Commitment to establish a date for: "Complete acquisition of new facilities, modification of existing facilities, and/or modification of planned facilities necessary for storage, and treatment/processing prior to disposal of all Hanford Site post-1970 TRU/TRUM."
M-91-03	Submit TRU/TRUM PMP. (In Dispute at the PMM level until April 24, 2001)
M-91-12	Thermally Treat 240 m^3 of MLLW by December 2002, Thermally Treat 600m^3 by December 2005. (Dispute Resolved)

TPA MILESTONE REVIEW	WASTE MANAGEMENT PROJECT	MARCH 2001

M-91 ACCOMPLISHMENTS

WBS	M-91
1.2.2.3	**LLMW and TRU Waste Facilities** Have formulated Waste Management Program strategic plan logic diagrams. Currently developing TRU Waste Project Management Plan for submittal to Ecology by March 27, 2001. Initiated thermal treatment at ATG on schedule and have processed ~15,000 lbs. ≈ 10 m^3 Shipped 56.5 m^3 of waste in preparation for thermal treatment to ATG.

TPA MILESTONE REVIEW	WASTE MANAGEMENT PROJECT	MARCH 2001

PLANNED ACTIONS

TPA MILESTONE SUPPORTED	DESCRIPTION	SCHEDULED COMPLETION DATE
M-91-12	Treat MLLW in FY2001 using the thermal treatment contract with ATG.	9/30/2001
M-91-07	Authorized the initiation of the update to the Solid Waste Burial Ground Interim Safety Basis and SARP to support TRU retrieval, complete drum movements for the drums retrieved in FY 00, retrieve uncovered drums in FY01. 600 uncovered Drums This year	9/30/2004

PLANNED ACTIONS (continued)

TPA MILESTONE SUPPORTED	DESCRIPTION	SCHEDULED COMPLETION DATE
M-91-18	Transmit T Plant Sludge Storage CDD to Ecology	6/29/2001
M-19-15	Technology deployment of size reduction for RH TRU and RH MLLW large items.	6/30/2008

M-91-12 SCORECARD

"Initiate thermal treatment of currently stored and newly generated CH LLMW. At least 600 cubic meters will be provided for treatment by December 2005."	**Quantity in cubic meters**
– WERF Incineration (2000)	20
– ATG	~ 10
TOTAL M-91-12 WASTE	**30**

M-91 ISSUES

TPA MILESTONE	DATE IDENT	ISSUE	IMPACT	STATUS
M-91-07	6/99	Milestone cannot be accomplished as written due to funding limitations.	Replacement milestone will need to be renegotiated.	Resolution is preliminarily being discussed as part of the resolution to the M-91-03 PMP dispute.

TPA MILESTONE REVIEW	WASTE MANAGEMENT PROJECT	MARCH 2001

EXPENSE COST PERFORMANCE

($ in Millions)

WBS	BUDGETED COST		ACTUAL CST	VARIANCE		BAC	FYSF	EXPECTED FUNDS FY 2001	PROJECTED CARRYOVER WORK	COMMENTS
	WORK SCHED	WORK PERF	WORK PERF	SCHED	COST	BCWS				
1.2.2.3 M-91 TREATMENT	1.4	1.4	1.2	0.0	0.2	5.8	6.8	6.8	0	Change Request: WM-2001-013 adds $1.2M to TRU Retrieval (complete uncovered drums, get ready for covered drums.

EXPENSE COST VARIANCE ANALYSIS

WBS	COST VARIANCE $226K	
	(Description and Cause:)	(Impacts and Corrective Action:)
1.2.2.3	• Efficiencies are being realized on processing in the areas of operations labor, shipper support, and fewer than planned containers have required overpacking. .	• Cost savings will be used to address additional work. Senior management will be determining whether to process additional waste volumes, perform more characterization, or use the savings to perform other workscope.