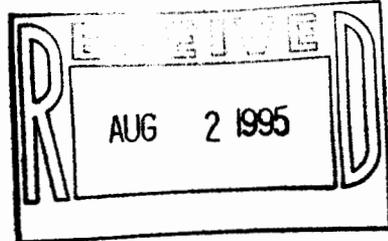


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# Los Alamos

NATIONAL LABORATORY  
Environmental Restoration Project  
EWER, MS M992  
Los Alamos, New Mexico 87545  
(505) 665-4557, FAX 665-4747

Date: July 24, 1995  
Refer to: EM/ER:95-356



Mr. Ted Taylor, Program Manager  
US Department of Energy  
Los Alamos Area Office, MS A316  
Los Alamos, NM 87545

**SUBJECT: ENVIRONMENTAL RESTORATION (ER) PROJECT  
PROGRESS TRACKING SYSTEM (PTS) MONTHLY REPORT  
FOR June 1995**

Dear Ted:

Enclosed is the PTS Report diskette for the Los Alamos National Laboratory's (Laboratory's) ER Project monthly report for June 1995, which includes all baseline change proposals through LANL-ER-95-012 approved by the Department of Energy-Albuquerque (DOE-AL) ER Division. We have addressed the May 1995 comments in the PTS report. General comments are addressed in this letter.

The Financial Information System (FIS) data contains several errors concerning actual costs contained in closed activity data sheets. These errors have been corrected in the COMACT file here at the Laboratory for the purposes of generating PTS reports that are accurate; however, once the PTS data is transmitted to DOE-Headquarters, the corrections are overwritten with the inaccurate data, creating mild artificial variances in the PTS information. Laboratory personnel are working with the FIS point-of-contact at DOE-AL to have the FIS data officially corrected.

On June 28, 1995 representatives from DOE-AL, LAAO, and LANL PP&C met to discuss reporting issues for the LANL ER Program. One action from this discussion was for LANL to propose revised variance thresholds for Current Period and Fiscal Year-to-Date performance reporting. Current variance thresholds are inappropriate for the following reasons:

- (1) The LANL ER Project was consolidated from 35 ADSs into 10 ADSs since the current thresholds were established ( $\pm 10\%$  and \$250K).
- (2) The current thresholds were developed for Project To Date reporting and we have transitioned to Current Period and Fiscal Year-To-Date variance reporting.
- (3) The current thresholds defeat the purpose of "management by exception" as they result in excessive variance analysis discussion with negligible value added.

*Handwritten mark resembling the number 2.*



We recommend +/-15% & \$500K for Current Period, and +/-20% & \$650K for Fiscal Year-to-Date cost and schedule variances. We look forward to completing discussions on this issue and instituting revised variance thresholds.

If you have any questions regarding this information, please call Jim Noel at 5-5737 or Michael Hatfield at 5-8910.

Sincerely,



Jorg Jansen, Project Manager  
Environmental Restoration Project

JJ/MH/am

Enclosure: PTS Report Diskette

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Reporting Period: 6/1995

ADS/TTP #: ALLA-2001- -

WBS #: 1.4.2.6.1.1

Title: FIELD UNIT 1 (ADSS 1071, 1078, 1079, 1106, 1114, and 1136)

Installation: LOS ALAMOS NATIONAL LABORATORY

Category: ER

Project Title: AL LAB ER (MSA)

Program Manager's-- FO: DEBORAH GRISMOLD

(505)845-4752

Start Date: 01/01/1995

HQ: BILL SPURGEON

(301)903-8187

Completion Date: 09/28/2006

B&R Code	ANNUAL TOTALS (\$000)											
	PY	PY	CY	CY	CY	CY	CY	CY	CY	PC	PC	
	End FY 94 Unobl. Bal.	FY 94 Tot. Uncost.Obl.	FY 95 New Obl. Auth.	Total Avail.	FIS Obl. YTD 6/95	Prelim. Obl YTD	FIS Cost YTD 6/95	Prelim. Cost YTD	Proj'd Cur. Yr-End EstCo	End FY 95 Unobl. Bal.	FY 95 Tot. Uncost.Obl.	
OE EW2010301	0	6,083	6,128	12,211	10,048	0	16,309	0	20,889	-1,838	-3,923	
OE EW2010302	0	130	-93	37	1,437	0	0	0	1,770	-113	-293	
Totals:	0	6,213	6,035	12,248	11,485	0	16,309	0	22,659	-1,951	-4,216	

(Preliminary actuals not available; Actuals as of June/95.)

MONTH	MONTHLY						CUMULATIVE				
	BCWS	BCWP	Prelim	ACWP	SCHED VAR	COST VAR	BCWS	BCWP	ACWP	SCHED VAR	COST VAR
10	2,440	2,440	0	2,981	0	-541	2,440	2,440	2,981	0	-541
11	2,227	2,227	0	2,039	0	188	4,667	4,667	5,020	0	-353
12	1,396	1,396	0	1,044	0	352	6,063	6,063	6,064	0	-1
1	2,038	678	0	1,274	-1,360	-596	8,101	6,741	7,338	-1,360	-597
2	2,097	2,725	0	2,016	628	709	10,198	9,466	9,354	-732	112
3	2,361	1,234	0	1,167	-1,127	67	12,559	10,700	10,521	-1,859	179
4	626	589	0	1,755	-37	-1,166	13,185	11,289	12,276	-1,896	-987
5	2,431	1,578	0	2,403	-853	-825	15,616	12,867	14,679	-2,749	-1,812
6	1,356	592	0	1,630	-764	-1,038	16,972	13,459	16,309	-3,513	-2,850
7	1,146	---	---	---	---	---	---	---	---	---	---
8	1,801	---	---	---	---	---	---	---	---	---	---
9	886	---	---	---	---	---	---	---	---	---	---
	<u>20,805</u>	<u>13,459</u>	<u>0</u>	<u>16,309</u>	<u>-3,513</u>	<u>-2,850</u>					

Reporting Period: 6/1995

ADS/TTP #: ALLA-2001- -

WBS #: 1.4.2.6.1.1

-----PRIOR YEARS COSTS-----

ACWP	BCWP	BCWS
39,903	39,903	39,903

-----OUT YEAR COSTS-----

FY96	FY97	FY98	FY99	FY00
18,779	22,005	12,757	24,328	16,995

TOTAL PROJECT PLAN

BAC	177,474	Budgeted Mgmt Reserve	0
EAC	177,474	Remaining Mgmt Reserve	0
TEC	0	Planning Contingency	0
TPC	177,474	Remaining Contingency	0
		Planned R & U	0
		Remaining R & U	0

MILESTONE REPORT

LEV	TITLE	STATUS	PLANNED	FORECAST	ACTUAL	MILE CATEGORY	FLOAT
1	EPA DRAFT OF TA-21 RFI REPORT 1C ADDENDUM COMPLETE (PHASE I)	Completed	01/31/1995	/ /	01/31/1995	CAT3	0

COMMENT:

1	EPA DRAFT OF TA-31 PHASE I RFI REPORT COMPLETE	Completed	03/29/1995	/ /	04/24/1995	CAT1	0
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COMMENT:

1	EPA DRAFT OF TA-45 PHASE I RFI REPORT COMPLETE	Completed	05/03/1995	/ /	06/14/1995	CAT1	0
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COMMENT:

Receipt of analytical data was behind schedule due to a temporary overload of the validation team.

Reporting Period: 6/1995

ADS/TTP #: ALLA-2001- -

WBS #: 1.4.2.6.1.1

## MILESTONE REPORT Continued

LEV	TITLE	STATUS	PLANNED	FORECAST	ACTUAL	MILE CATEGORY	FLOAT
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COMMENT (cont.)

1	EPA DRAFT OF TA-0 ZIA MOTOR POOL FACILITY RFI REPORT COMPLETE	Completed	05/04/1995	/ /	05/03/1995	CAT3	0
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COMMENT:

1	EPA DRFT OF TA-1 [AGGREGATE (A-J)] RFI REPORT COMPLETE	Overdue	05/15/1995	08/24/1995	/ /	CAT1	0
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COMMENT:

The volume and complexity of this report requires that it be split into 4 reports. The first is anticipated to be delivered in mid-July.

1	EPA DRAFT OF TA-32 PHASE I RFI REPORT COMPLETE	Completed	05/17/1995	/ /	06/30/1995	CAT1	0
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COMMENT:

This report was delayed due to slipped field work. The SWMU was incorrectly located and sampled, revealing an unknown SWMU which must now be dealt with.

1	EPA DRAFT OF TA-0 SEPTIC SYSTEM 0-030(C) RFI REPORT COMPLETE	Completed	05/17/1995	/ /	06/13/1995	CAT1	0
---	--	-----------	------------	-----	------------	------	---

COMMENT:

Receipt of analytical data was behind schedule due to a temporary overload of the validation team. There were additional delays in the eco-screening process.

1	EPA DRAFT OF TA-0 SEPTIC SYSTEM 0-030(G) RFI REPORT COMPLETE	Overdue	05/25/1995	07/11/1995	/ /	CAT1	0
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COMMENT:

Reporting Period: 6/1995

ADS/TTP #: ALLA-2001- -

WBS #: 1.4.2.6.1.1

## MILESTONE REPORT Continued

LEV	TITLE	STATUS	PLANNED	FORECAST	ACTUAL	MILE CATEGORY	FLOAT
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## COMMENT (cont.)

This report is behind schedule because the staff must complete 030(c) and 030(g) first. This is a temporary overload on the resources.

1	EPA DRAFT OF TA-0 SEPTIC SYSTEM 0-030(Q) RFI REPORT COMPLETE	Completed	05/25/1995	/ /	06/13/1995	CAT1	0
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## COMMENT:

Delayed due to temporary overload of validation team. This report was done in conjunction with RFI report 030(c) and was experiencing delays with the eco-screening.

1	EPA DRAFT OF TA-3 PRS 3-010(A) PHASE II RFI REPORT COMPLETE	Completed	07/07/1995	/ /	04/04/1995	CAT3	0
---	---	-----------	------------	-----	------------	------	---

## COMMENT:

1	EPA DRAFT OF TA-21 16.7 [21-018(B)] RFI REPORT COMPLETE	On Schedule	07/11/1995	07/11/1995	/ /	CAT3	0
---	---	-------------	------------	------------	-----	------	---

## COMMENT:

1	EP TA-3: DRAFT WORK PLAN 2 TO EPA	On Schedule	07/24/1995	07/24/1995	/ /	CAT3	0
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## COMMENT:

1	EPA DRAFT OF TA-10 PHASE I SURFACE RFI REPORT COMPLETE	On Schedule	07/28/1995	07/28/1995	/ /	CAT3	0
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## COMMENT:

1	EPA DRAFT OF TA-0 SOLVENT UST RFI REPORT COMPLETE	Forecast Delay	07/28/1995	11/20/1995	/ /	CAT2	0
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Reporting Period: 6/1995

ADS/TTP #: ALLA-2001- -

WBS #: 1.4.2.6.1.1

LEV	TITLE	STATUS	PLANNED	FORECAST	ACTUAL	MILE CATEGORY	FLOAT
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## COMMENT:

Field work has been delayed, and an extension is currently being negotiated.

1	EPA DRAFT OF TA-21 16.2 PHASE I RFI REPORT COMPLETE	Forecast Delay	08/17/1995	11/29/1995	/ /	CAT2	0
---	---	----------------	------------	------------	-----	------	---

## COMMENT:

The forecast completion date for this milestone is being driven by a delay in receipt and validation of the field work data. The continuing effort to meet the original planned date of 8/17/95 by use of additional staff/resources has been reflected in the 2 week improvement of the target date from the May submission.

1	EPA DRAFT OF TA-10 BAYO CANYON SHRAPNEL REMOVAL REPORT COMPLETE	On Schedule	09/25/1995	/ /	/ /	CAT3	0
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## COMMENT:

1	EPA DRAFT OF TA-1 [AGGREGATE (K-P)] RFI REPORT COMPLETE	Forecast Delay	10/05/1995	01/22/1996	/ /	CAT2	0
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## COMMENT:

The forecast completion date for this milestone is being driven by a slip in the WSWL (1-001s,u) field work. Progress will be monitored and a work around plan implemented if necessary.

1	EPA DRAFT OF TA-0 INACTIVE FIRING RANGE (0-016) RFI REPORT COMPLT	Forecast Delay	11/22/1995	01/22/1996	/ /	CAT2	0
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## COMMENT:

This activity will not occur. PRS 0-016 will be a Volunatry Corrective Action. A BCP will be submitted to correct the schedule.

1	EPA DRAFT OF TA-10 PHASE 1 SUB-SURFACE RFI REPORT COMPLETE	Forecast Delay	12/08/1995	02/09/1996	/ /	CAT2	0
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## COMMENT:

Reporting Period: 6/1995

ADS/TTP #: ALLA-2001- -

WBS #: 1.4.2.6.1.1

## MILESTONE REPORT Continued

LEV	TITLE	STATUS	PLANNED	FORECAST	ACTUAL	MILE CATEGORY	FLOAT
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## COMMENT (cont.)

The forecast completion date for this milestone is being driven by a delay in receipt and validation of the field work data. The continuing effort to meet the original planned date of 12/8/95 by use of additional staff/resources has been reflected in the 4 week improvement of the target date from the May submission.

1	EPA DRAFT OF TAS-3/59/60/61 PHASE I RFI REPORT COMPLETE	Forecast Delay	12/08/1995	05/07/1996	/ /	CAT2	0
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## COMMENT:

Forecast completion date for this milestone is being driven by a delay in receipt and validation in field work data. Work-around plans will be addressed in the FY96 replan.

1	EPA DRAFT OF TA-10 CENTRAL AREA CMS PLAN COMPLETE	Forecast Delay	03/29/1996	06/25/1996	/ /	CAT2	0
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## COMMENT:

Current schedule is under evaluation and will be addressed in the FY96 replan.

1	EPA DRAFT OF TA-21 16.7 [21-018(A)] RFI REPORT COMPLETE	Forecast Delay	04/03/1996	07/12/1996	/ /	CAT2	0
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## COMMENT:

Current schedule is under evaluation and will be addressed in the FY96 replan.

1	EPA DRAFT OF TA-21 LADP 3&4 PHASE I RFI REPORT COMPLETE	On Schedule	05/16/1996	/ /	/ /	CAT3	0
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## COMMENT:

1	EPA DRAFT OF TA-21 LAUZ 1&2 PHASE I RFI REPORT COMPLETE	On Schedule	05/16/1996	/ /	/ /	CAT3	0
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## COMMENT:

1 EP TA-10: DRAFT CENTRAL AREA CMS DUE TO EPA Forecast Delay 07/23/1996 09/19/1996 / / CAT2 0

Reporting Period: 6/1995

ADS/TTP #: ALLA-2001- -

WBS #: 1.4.2.6.1.1

LEV	TITLE	STATUS	PLANNED	FORECAST	ACTUAL	MILE CATEGORY	FLOAT
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## COMMENT:

Current schedule is under evaluation and will be addressed in the FY96 replan.

1	EPA DRAFT OF TA-21 V DP PHASE 1 RFI REPORT COMPLETE	On Schedule	08/07/1996	/ /	/ /	CAT3	0
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## COMMENT:

1	EPA DRAFT OF TA-21 MDA T DP PHASE I RFI REPORT COMPLETE	On Schedule	08/28/1996	/ /	/ /	CAT3	0
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## COMMENT:

1	EPA DRAFT OF TA-32 PHASE II RFI REPORT COMPLETE	Forecast Delay	10/06/1996	12/05/1996	/ /	CAT2	0
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## COMMENT:

This milestone is currently under evaluation. This milestone will be addressed in the FY96 re-plan.

1	EPA DRAFT OF TA-0 SEPTIC SYSTEM 0-030(ES) RFI REPORT COMPLETE	Forecast Early	10/07/1996	12/30/1995	/ /	CAT3	0
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## COMMENT:

This milestone is currently under evaluation. This milestone will be addressed in the FY96 re-plan.

1	EPA DRAFT OF TA-0 SEPTIC SYSTEM 0-030(F) RFI REPORT COMPLETE	Forecast Delay	10/22/1996	12/30/1996	/ /	CAT2	0
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## COMMENT:

This milestone is currently under evaluation. This milestone will be addressed in the FY96 re-plan.

Reporting Period: 6/1995

ADS/TTP #: ALLA-2001- -

WBS #: 1.4.2.6.1.1

## MILESTONE REPORT Continued

LEV	TITLE	STATUS	PLANNED	FORECAST	ACTUAL	MILE CATEGORY	FLOAT
-----	-------	--------	---------	----------	--------	---------------	-------

COMMENT (cont.)

1	EP TA21 16.3 EPA DRAFT COMPLETE PHASE I	On Schedule	12/06/1996	/ /	/ /	CAT3	0
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COMMENT:

## NARRATIVE

## Narrative

In FY95, the Los Alamos National Laboratory's (Laboratory's) Environmental Restoration (ER) Project submitted Baseline Change Proposal (BCP) LANL-ER-95-002, which included changes to the work breakdown structure. On February 9, 1995, the ER Project was given direction by the Department of Energy-Albuquerque ER Program Office to use the baseline proposed in the aforementioned BCP for monthly reporting. The Financial Information System (FIS) transferred prior year's costs from the old ADS structure to the new, but failed to move over actual costs incurred FY to date, yielding large artificial cost variances in the PTS data. LANL personnel have provided the FIS point of contact at DOE - Albuquerque with the information needed for the FY cost data transfer. Until such a time as the official transfer takes place, variance analysis is based on PCS data.

## 1. Significant Problems/Issues/Concerns:

Delays in receiving validated data have greatly reduced the time available to write reports, and have increased the effort required.

## 2. Corrective Action:

Delays in receipt and validation of sample data have prevented the claiming of Earned Value for the associated milestones and tasks, causing the

out-of-threshold variances. This ADS's baseline is under review for possible BCP activity to remedy the variances.

## 3. Summary Assessment:

All field work is complete at C-0-041, the Former Asphalt Bath Plant site. All tar, concrete, and other debris has been removed, erosion controls installed, and restoration measures completed.

Preparation for moving backstop berms from SWMU 0-016 to an active pistol range at TA-72 involved analyzing the soil for fraction of free particulate lead less than 100 microns diameter, submitting a response to NMED's request for further information, and preparing sampling and transportation plans.

An addendum to the 45-Day Report for UST 4789, TA-0 SWMU 0-031(b) was submitted to the NMED UST Bureau. The addendum contains all final data and waste disposal information.

A corrugated metal storm sump drain line was uncovered by the excavation contractor working at SWMU 0-032 and was found to contain a substantial volume of stained residue. A VCA Plan and related plans were written for

Reporting Period: 6/1995

ADS/TTP #: ALLA-2001- -

WBS #: 1.4.2.6.1.1

Narrative (Continued):  
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sampling the contents and removing the line.

Field Investigations at SWMU 0-039 are nearly complete. The extent of contamination from the previously removed tanks and fill ports has been bounded, and all measurements are below SALs. The concrete sidewall rubble has been characterized, and can be disposed of, as construction debris. Sampling of the soil around the fill lines is imminent. Data summaries are in progress for the RFI Report.

The DP Tank Farm field investigation of the former east and west fill stations is complete. The Technical Team is analyzing and summarizing the information for the 45-day report to the NMED UST Bureau.

Review of the final data from SWMUs 0-030(eN, eS, f) and writing of summary reports has been started.

A comprehensive follow-on sampling plan for SWMU 73-001(a), the airport landfill, is being prepared based on results of the 1994 investigation. Contractors for flux chamber and cone penetrometer measurements have been retained.

Comments from DOE continue to be incorporated into the addendum to the Work Plan for the 186 PRSs associated with TAs 3, 59, 60, and 6. The EPA deadline for this report is July 24 (according to the schedule submitted by the program office) and the plan will be delivered on schedule.

The RFI reports for SWMUs 0-030(c) and 0-030(q) were completed and sent to the EPA for review.

The TA-45 RFI Report has been completed and sent to the EPA for review.

The TA-32 RFI Report and Phase II Sampling Plan has been completed and sent to the EPA for review.

The TA-0 SWMU 0-030(g) RFI Report is nearly complete.

The TA-21 SWMU 21-018(b) RFI Report is nearly complete.

## 4. Cost Status:

Remediation scope is planned in EW2010301. A baseline change proposal will be submitted reflecting \$1.823M of remediation effort to take place in EW2010302.

## Cost Performance Report:

Current Period: \$(1,038)K, or -175.3%  
FY to Date: \$(2,850)K, or -21.2%

## 5. Schedule Status:

## Cost Performance Report:

Current Period: \$(764)K, or -56.3%  
FY to Date: \$(3,513)K, or -20.7%

## 6. Technical Status:

Preparation of OU 1114 Work Plan Addendum 1 addressing the remaining 186 potential release sites (PRSs) associated with TAs 3, 30, 59, 60, 61, and 64 is coming to a close. DOE recently supplied comments on PRSs submitted for NFA and all comments are being addressed this month and incorporated into the plan.

A new AOC was discovered at TA-61 while performing test drill holes with an experimental robotic drill rig prior to its use in the field. The crew testing the drill rig detected a diesel type odor when they extracted the core from the experimental drill hole. This site is being reported to the State by ESH-7, occurrence reporting.

The SSHASP for 6th St. Warehouse operations was approved, and final changes are being incorporated into the Waste Management Plan (WMP). The access agreements from the public parties adjacent to the site were sent out for signatures. Survey points were marked from old LASL maps by the site surveyors and a geophysical survey was initiated to help locate old septic tanks and lines.

Reporting Period: 6/1995

ADS/TTP #: ALLA-2001- -

WBS #: 1.4.2.6.1.1

## Narrative (Continued):

## 7. Major Accomplishments:

Completed TA-3 rotary auger drilling on SWMU 3-010(a) on October 10, 1994.

Submitted Phase 1C addendum for TA-21 to the EPA on January 31, 1995.

Completed suite of 11 boreholes at SWMU 73-001(a) on November 16, 1994.

Completed instrumentation of boreholes at the Los Alamos Airport Landfill, SWMU 73-001, February 1995.

Completed field summary report for FY94 sampling activities at the Los Alamos Airport Landfill, SWMU 73-001, February 1995.

Completed Phase I surface shrapnel collection at the former firing sites in Bayo Canyon, TA-10, February 1995.

Completed field summary report for FY94 subsurface sampling at TA-10 central area, February 1995.

Completed RFI field investigations for Old Zia Motorpool, SWMU Group 0-4, March 1995.

Completed field work and data assessment for TA-31 and for Phase I of TAs 32 and 45, March 1995.

Completed a pilot study of the applicability of the LIPS for evaluating the Bayo Canyon shrapnel situation, March 1995.

Completed 2nd NOD response for OU 1114 RFI Work Plan, March 1995.

Completed field summary report for surface sampling at TA-10, March 1995.

Completed the field summary reports for septic tanks SWMUs 0-030(c and q), April 1995.

Delivered RFI Report for TA-31 to EPA, April 1995.

Delivered to EPA the NOD response for RFI Reports 1B, 1C, and Addendume

(1B-1C) to EPA, April 1995.

Delivered draft RFI Report for SWMU 3-010(a) to the EPA, April 1995.

Completed Borehole at MDA V, TA-21, for the geohydrological assessment of the Los Alamos canyon, May 1995.

Completed evaluation and recommendation to DOE of MDA B, TA-21, May 1995.

Delivered Technical memo and sampling plan to EPA and DOE on DP Tank Farm, TA-21, May 1995.

Completed and submitted 7-Day UST Report for DP Tank Farm, May 1995.

Draft VCA plans have been prepared for SWMUs 21-024(b,d,h); 21-022(j); 21-005 and Area of Concern C21-027, May 1995.

Completed TA-45 RFI Report, June, 1995.

Completed TA-32 RFI Report and Phase II Sampling Plan, June, 1995.

Completed SWMU 0-030(c) and 0-030(q) RFI Report, June, 1995.

Field work completed at C-0-041, the Former Asphalt Bath Plant site, June, 1995.

Completed and submitted addendum to the 45-Day Report for UST 4789, TA-0 SWMU 0-031(b) to the NMED UST Bureau, June, 1995.

DATE PRINTED: 07/24/1995

PTS - PROGRAM MANAGER'S REPORT

Page: 11

Reporting Period: 6/1995

ADS/TTP #: ALLA-2001- -

WBS #: 1.4.2.6.1.1

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PROJECT MANAGER'S RATINGS

No ratings available.

Title: FIELD UNIT 2 (ADSS 1085, 1086, 1093, 1100, 1130, and 1132)

Installation: LOS ALAMOS NATIONAL LABORATORY

Category: ER

Project Title: AL LAB ER (MSA)

Program Manager's-- FO: DEBORAH GRISWOLD

(505)845-4752

Start Date: 01/01/1995

HQ: BILL SPURGEON

(301)903-8187

Completion Date: 07/04/2004

B&R Code	ANNUAL TOTALS (\$000)											
	PY	PY	CY	CY	CY	CY	CY	CY	CY	PC	PC	
	End FY 94 Unobl. Bal.	FY 94 Tot. Uncost.Obl.	FY 95 New Obl. Auth.	Total Avail.	FIS Obl. YTD 6/95	Prelim. Obl YTD	FIS Cost YTD 6/95	Prelim. Cost YTD	Proj'd Cur. Yr-End EstCo	End FY 95 Unobl. Bal.	FY 95 Tot. Uncost.Obl.	
OE EW2010301	0	953	5,734	6,687	11,835	0	9,347	0	13,172	185	-571	
OE EW2010302	0	125	-25	100	-25	0	105	0	201	3	-177	
OE EW2010304	0	0	0	0	0	0	0	0	0	0	0	
Totals:	0	1,078	5,709	6,787	11,810	0	9,452	0	13,373	188	-748	

(Preliminary actuals not available; Actuals as of June/95.)

MONTH	MONTHLY						CUMULATIVE				
	BCWS	BCWP	Prelim	ACWP	SCHED VAR	COST VAR	BCWS	BCWP	ACWP	SCHED VAR	COST VAR
10	692	692	0	1,379	0	-687	692	692	1,379	0	-687
11	462	462	0	958	0	-496	1,154	1,154	2,337	0	-1,183
12	2,021	2,021	0	838	0	1,183	3,175	3,175	3,175	0	0
1	2,089	300	0	928	-1,789	-628	5,264	3,475	4,103	-1,789	-628
2	1,063	1,465	0	1,016	402	449	6,327	4,940	5,119	-1,387	-179
3	891	525	0	1,331	-366	-806	7,218	5,465	6,450	-1,753	-985
4	273	525	0	929	252	-404	7,491	5,990	7,379	-1,501	-1,389
5	1,224	528	0	983	-696	-455	8,715	6,518	8,362	-2,197	-1,844
6	1,979	1,422	0	1,090	-557	332	10,694	7,940	9,452	-2,754	-1,512
7	1,101	---	---	---	---	---	---	---	---	---	---
8	1,102	---	---	---	---	---	---	---	---	---	---
9	627	---	---	---	---	---	---	---	---	---	---
	13,524	7,940	0	9,452	-2,754	-1,512					

Reporting Period: 6/1995

ADS/TTP #: ALLA-2002- -

WBS #: 1.4.2.6.1.2

-----PRIOR YEARS COSTS-----

-----OUT YEAR COSTS-----

ACWP	BCWP	BCWS
15,875	15,875	15,875

FY96	FY97	FY98	FY99	FY00
8,049	9,436	8,910	4,687	1,684

TOTAL PROJECT PLAN

BAC	77,523	Budgeted Mgmt Reserve	0
EAC	77,523	Remaining Mgmt Reserve	0
TEC	0	Planning Contingency	0
TPC	77,523	Remaining Contingency	0
		Planned R & U	0
		Remaining R & U	0

MILESTONE REPORT

LEV	TITLE	STATUS	PLANNED	FORECAST	ACTUAL	MILE CATEGORY	FLOAT
1	OU 1100 RFI WORK PLAN COMPLETE	Completed	01/03/1995	/ /	01/03/1995	CAT3	0

COMMENT:

1	EPA DRAFT OF TA-18 FY93 RFI REPORT COMPLETE	Overdue	01/30/1995	05/25/1995	/ /	CAT1	0
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COMMENT:

Analytical results have been delayed impacting the forecast dates for reporting. Every effort is being made to expedite results so that slippages in other RFI reports are recovered.

1	OU 1085 RFI WORK PLAN COMPLETE	Completed	02/14/1995	/ /	01/03/1995	CAT3	0
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COMMENT:

1	EPA DRAFT OF TA-39 STORAGE/SEPTIC TANKS RFI REPORT COMPLETE	Overdue	04/14/1995	09/12/1995	/ /	CAT1	0
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Reporting Period: 6/1995

ADS/TTP #: ALLA-2002- -

WBS #: 1.4.2.6.1.2

LEV	TITLE	STATUS	PLANNED	FORECAST	ACTUAL	MILE CATEGORY	FLOAT
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## COMMENT:

The sample management organization is being restructured. As the result, sample turnaround times will be significantly reduced for the FY95 season. This action should bring the forecast date in line with the planned date in the near future.

1	EPA DRAFT OF TA-36 FY94 FIELD WORK RFI REPORT COMPLETE	Overdue	05/25/1995	01/17/1996	/ /	CAT1	0
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## COMMENT:

Analyticals delayed due to sample management organization restructuring. This new restructuring should cut down the turnaround times for the remainder of FY 95. We expect to recover from the milestone slippage.

1	EPA DRAFT OF TA-18 STORM OUTFALLS RFI REPORT COMPLETE	Overdue	06/09/1995	09/06/1996	/ /	CAT1	0
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## COMMENT:

This milestone has slipped because we have not yet received comments back from EPA on the FY93 field work RFI report, submitted in February 1995. Once the comments have been received, every effort will be made to recover the milestone slippage.

1	EPA DRAFT OF TA-18 INACTIVE SEPTIC SYSTEM RFI REPORT COMPLETE	Forecast Delay	07/11/1995	01/05/1996	/ /	CAT2	0
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## COMMENT:

This milestone has slipped because we have not received comments back from EPA on the FY93 field work RFI report, submitted in February 1995. Once the comments have been received, every effort will be made to recover the milestone slippage.

1	EPA DRAFT OF TA-18 ACTIVE SEPTIC SYSTEM RFI REPORT COMPLETE	Forecast Delay	08/14/1995	01/05/1996	/ /	CAT2	0
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## COMMENT:

This milestone has slipped because we have not received comments back from EPA on the FY93 field work RFI report that was sent to the EPA in Feb, 1995. When we receive those comments, every effort will be made to recover the milestone slippage.

1	EPA DRAFT OF TA-18 FIRING SITES RFI REPORT COMPLETE	Forecast Delay	08/17/1995	01/05/1996	/ /	CAT2	0
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## COMMENT:

Reporting Period: 6/1995

ADS/TTP #: ALLA-2002- -

WBS #: 1.4.2.6.1.2

## MILESTONE REPORT Continued

LEV	TITLE	STATUS	PLANNED	FORECAST	ACTUAL	MILE CATEGORY	FLOAT
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COMMENT (cont.)

This milestone is slipping. Analytical data is behind schedule due to a temporary overload of the validation team.

1	OU 1086 TA-15 R-44/-45 RFI WORK PLAN COMPLETE	On Schedule	09/13/1995	/ /	/ /	CAT3	0
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COMMENT:

1	EPA DRAFT OF TA-39 LANDFILLS RFI REPORT COMPLETE	Forecast Delay	09/26/1995	03/04/1996	/ /	CAT2	0
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COMMENT:

Analyticals delayed due to sample management organization being restructured. This new restructuring should cut down the turnaround times for the remainder of FY95. We expect to recover from the milestone slippage.

1	EPA DRAFT OF TA-15 FY94 FIELD WORK RFI REPORT COMPLETE	Forecast Delay	10/05/1995	12/30/1995	/ /	CAT2	0
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COMMENT:

This milestone is awaiting on analytical data from last summer. We expect to complete this milestone on 30 Dec, 1995.

1	EPA DRAFT OF TA-14 Q SITE AGGREGATE RFI REPORT COMPLETE	Forecast Early	03/13/1996	01/24/1996	/ /	CAT3	0
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COMMENT:

Readiness review completed during this reporting period. We are currently in the field, working on TA-12 L-Site aggregate, TA-12 L-Site aggregate sweep.

1	EPA DRAFT OF TA-12 L SITE AGGREGATE RFI REPORT COMPLETE	Forecast Early	04/10/1996	03/21/1996	/ /	CAT3	0
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COMMENT:

Reporting Period: 6/1995

ADS/TTP #: ALLA-2002- -

WBS #: 1.4.2.6.1.2

## MILESTONE REPORT Continued

LEV	TITLE	STATUS	PLANNED	FORECAST	ACTUAL	MILE CATEGORY	FLOAT
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## COMMENT (cont.)

Readiness review completed during this reporting period. We are currently in the field working on TA-12 L-Site aggregate, TA-12 L-Site aggregate sweep.

1	EPA DRAFT OF TA-18 MONITOR WELLS RFI REPORT COMPLETE	Forecast Delay	05/21/1996	08/09/1996	/ /	CAT2	0
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## COMMENT:

This milestone has slipped because we have not received comments back from EPA on the FY93 field work RFI report, submitted in February 1995. Once the comments have been received, every effort will be made to recover the milestone slippage.

1	EPA DRAFT OF TA-39 FIRING SITES RFI REPORT COMPLETE	Forecast Delay	05/30/1996	07/22/1996	/ /	CAT2	0
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## COMMENT:

Analyticals delayed due to sample management organization being restructured. This new restructuring should cut down the turnaround times for the remainder of FY95. We expect to recover from the milestone slippage.

1	EPA DRAFT OF TA-15 FY95 FIELD WORK RFI REPORT COMPLETE	On Schedule	07/08/1996	/ /	/ /	CAT3	0
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## COMMENT:

1	EPA DRAFT OF TA-20 LANDFILLS RFI REPORT COMPLETE	On Schedule	07/26/1996	/ /	/ /	CAT3	0
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## COMMENT:

1	EPA DRAFT OF TA-20 SEPTIC SYSTEMS RFI REPORT COMPLETE	On Schedule	08/09/1996	/ /	/ /	CAT3	0
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## COMMENT:

1 EPA DRAFT OF TA-53 WASTE AREAS RFI REPORT COMPLETE

On Schedule

08/27/1996 / /

/ /

CAT3

0

Reporting Period: 6/1995

ADS/TTP #: ALLA-2002- -

WBS #: 1.4.2.6.1.2

LEV	TITLE	STATUS	PLANNED	FORECAST	ACTUAL	MILE CATEGORY	FLOAT
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COMMENT:

1	EPA DRAFT OF TA-36 FY95 FIELD WORK RFI REPORT COMPLETE	Forecast Early	01/15/1997	04/03/1996	/ /	CAT3	0
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COMMENT:

This milestone will be completed ahead of schedule due to accelerated work in the field.

NARRATIVE

Narrative

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In FY95, the Los Alamos National Laboratory's (Laboratory's) Environmental Restoration (ER) Project submitted Baseline Change Proposal (BCP) LANL-ER-95-002, which included change to the work breakdown structure. On February 9, 1995, the ER Project was given direction by the Department of Energy-Albuquerque ER Program Office to use the baseline proposed in the aforementioned BCP for monthly reporting. The Financial Information System (FIS) transferred prior year's costs from the old ADS structure to the new, but failed to move over actual costs incurred FY to date, yielding large artificial cost variances in the PTS data. LANL personnel have provided the FIS point of contact at DOE - Albuquerque with the information needed for the FY cost data transfer. Until such a time as the official transfer takes place, variance analysis is based on PCS data.

1. Significant Problems/Issues/Concerns:

Data analysis results for FY94 are not being reported as quickly as hoped, due to a temporary overload of the validation team and restructuring of the sample management office. This may cause delays in completing Resource Conservation and Recovery Act (RCRA) facility investigation (RFI) reports on time.

A Notice of Deficiency (NOD) on the EC plan for PRS 18-003(e) was received from EPA. Resolution of these issues must be reached before the EC can be

implemented.

2. Corrective Action:

Field Unit 2 personnel will be working more closely with the Sample Coordination Facility to provide help in assessing the status of samples.

Responses to the NOD are being developed for review by the Project Office during the first week in July.

In reference to the out-of-threshold variances, the current baseline does not reflect the activities against which claiming Earned Value is possible.

This is due to recent initiatives for VCAs, shipping from the field pilot project, and other supporting exercises require support not stated in the current baseline.

Regulatory response to RFI reports, EC and VCA proposals, etc., have delayed progress against the schedule for work to commence, showing up as a variance against the current baseline. This is particularly true in the case of the TA-53 lagoon closure, where much of the stated effort has been redirected towards the efforts described in the preceding paragraph.

Turn-around time for samples and data analysis have been late, and the

Reporting Period: 6/1995

ADS/TTP #: ALLA-2002- -

WBS #: 1.4.2.6.1.2

Narrative (Continued):

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resulting schedule slippage diminishes the amount of Earned Value that can be claimed, partly driving the out-of-threshold variances.

3. Summary Assessment:

Field Unit 2 personnel have commenced several readiness reviews and began field operations at TAs -53, -72, -20, -12/16, -14, and -15. Work is continuing on the RFI report for the 1994 field operations at TA-18. A sampling and analysis plan for TA-15, R-44/45, was submitted to the EPA for review.

4. Cost Status:

Remediation scope is planned in EW2010301. Baseline change proposal will be submitted reflecting \$2.135M of remediation effort to take place in EW2010302.

Cost Performance Report:

Current Period: \$332K, or 23.3%.

FY to Date: \$(1,512)K, or -19.0%.

5. Schedule Status:

Cost Performance Report:

Current Period: \$(557)K, or -28.1%

FY to Date: \$(2,754K), or -25.7%

6. Technical Status:

Field operations have begun at six of the Technical Areas. Preparations are underway to begin field operations at TA-39 next month. Field Unit 2 personnel have identified six new voluntary corrective actions (VCAs), four at TA-53 and two at TA-20. Also, four new expedited cleanups (ECs) have been identified at TA-15. A pilot project for shipping samples from the field has been initiated. No problems have been experienced to date.

7. Major Accomplishments:

Approval of Operable Units 1100 and 1085 RFI work plans received January 3, 1995.

Submitted RFI report for SWMUs 27-001, 27-003, 18-001(a-c), and 18-007 to DOE on February 1, 1995.

Submitted proposals to EPA for 5 potential sites for ECs and 8 VCAs, April 1995.

Field work on a VCA at TA-36, PRS 36-002, was completed and a report has been drafted, May 1995.

EC plans were submitted for ADSs 1093, 1130, and 1132, June, 1995.

Completed 1995 field work for ADS 1100, June, 1995.

Began sampling in ADSs 1085 and 1086, June, 1995.

DATE PRINTED: 07/24/1995

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Reporting Period: 6/1995

ADS/TTP #: ALLA-2002- -

WBS #: 1.4.2.6.1.2

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PROJECT MANAGER'S RATINGS

No ratings available.

Reporting Period: 6/1995

ADS/TTP #: ALLA-2003- -

WBS #: 1.4.2.6.1.3

Title: FIELD UNIT 3 (ADSS 1082, 1122, and 1140)

Installation: LOS ALAMOS NATIONAL LABORATORY

Category: ER

Project Title: AL LAB ER (MSA)

Program Manager's-- FO: DEBORAH GRISMOLD

(505)845-4752

Start Date: 01/01/1995

HQ: BILL SPURGEON

(310)903-8187

Completion Date: 09/29/2004

ANNUAL TOTALS (\$000)

B&R Code	PY	PY	CY	CY	CY	CY	CY	CY	CY	PC	PC
	End FY 94 Unobl. Bal.	FY 94 Tot. Uncost.Obl.	FY 95 New Obl. Auth.	Total Avail.	FIS Obl. YTD 6/95	Prelim. Obl YTD	FIS Cost YTD 6/95	Prelim. Cost YTD	Proj'd Cur. Yr-End EstCo	End FY 95 Unobl. Bal.	FY 95 Tot. Uncost.Obl.
OE EW2010301	0	2,137	1,269	3,406	3,742	0	3,507	0	5,682	0	993
OE EW2010302	0	0	7	7	7	0	10	0	0	0	0
Totals:	0	2,137	1,276	3,413	3,749	0	3,517	0	5,682	0	993

(Preliminary actuals not available; Actuals as of June/95.)

EXPENDITURE RATE (\$000)

MONTH	-----MONTHLY-----						-----CUMULATIVE-----				
	BCWS	BCWP	Prelim	ACWP	SCHED VAR	COST VAR	BCWS	BCWP	ACWP	SCHED VAR	COST VAR
10	859	859	0	551	0	308	859	859	551	0	308
11	645	645	0	442	0	203	1,504	1,504	993	0	511
12	-254	-254	0	449	0	-703	1,250	1,250	1,442	0	-192
1	766	635	0	127	-131	508	2,016	1,885	1,569	-131	316
2	660	747	0	519	87	228	2,676	2,632	2,088	-44	544
3	740	543	0	287	-197	256	3,416	3,175	2,375	-241	800
4	481	242	0	488	-239	-246	3,897	3,417	2,863	-480	554
5	579	466	0	283	-113	183	4,476	3,883	3,146	-593	737
6	594	361	0	371	-233	-10	5,070	4,244	3,517	-826	727
7	547	---	---	---	---	---	---	---	---	---	---
8	595	---	---	---	---	---	---	---	---	---	---
9	491	---	---	---	---	---	---	---	---	---	---
	<u>6,703</u>	<u>4,244</u>	<u>0</u>	<u>3,517</u>	<u>-826</u>	<u>727</u>					

Reporting Period: 6/1995

ADS/TTP #: ALLA-2003- -

WBS #: 1.4.2.6.1.3

-----PRIOR YEARS COSTS-----

ACWP	BCWP	BCWS
12,301	12,301	12,301

-----OUT YEAR COSTS-----

FY96	FY97	FY98	FY99	FY00
6,050	5,382	7,135	6,113	5,304

TOTAL PROJECT PLAN

BAC	62,603	Budgeted Mgmt Reserve	0
EAC	62,603	Remaining Mgmt Reserve	0
TEC	0	Planning Contingency	0
TPC	62,603	Remaining Contingency	0
		Planned R & U	0
		Remaining R & U	0

MILESTONE REPORT

LEV	TITLE	STATUS	PLANNED	FORECAST	ACTUAL	MILE CATEGORY	FLOAT
1	EPA DRAFT OF FY93 SG 1 RFI REPORT COMPLETE	Completed	01/25/1995	/ /	01/31/1995	CAT1	0

COMMENT:

1	EPA DRAFT OF TA-33 FY93 SG 1 PHASE II RFI REPORT COMPLETE	Overdue	04/18/1995	09/08/1995	/ /	CAT1	0
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COMMENT:

Analytical data is late in arriving due to a temporary overload of the validation team. By combining report efforts with milestone # A304112242, the forecast date should be realized.

1	EPA DRAFT OF TA-16 RFI WORK PLAN (3) COMPLETE	On Schedule	07/07/1995	/ /	/ /	CAT3	0
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COMMENT:

1	EPA DRAFT OF TA-33 FY93 SG1 MDA K RFI REPORT COMPLETE	Forecast Delay	07/24/1995	08/30/1995	/ /	CAT2	0
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Reporting Period: 6/1995

ADS/TTP #: ALLA-2003- -

WBS #: 1.4.2.6.1.3

LEV	TITLE	STATUS	PLANNED	FORECAST	ACTUAL	MILE CATEGORY	FLOAT
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## COMMENT:

Delays in obtaining analytical data has caused delays in generating the draft report. Once the analytical data is available, combining the reporting efforts with milestone # A304112248 will lead to realization of the forecast date.

1	EPA DRAFT OF TA-46 FY94 SG 1 RFI REPORT COMPLETE	On Schedule	02/05/1996	/ /	/ /	CAT3	0
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## COMMENT:

1	EPA DRAFT OF TA-16 RFI REPORT COMPLETE	On Schedule	10/04/1996	/ /	/ /	CAT3	0
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## COMMENT:

1	PROJECT COMPLETE	On Schedule	09/29/2004	/ /	/ /	CAT3	0
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## COMMENT:

## NARRATIVE

## Narrative

In FY95, the Los Alamos National Laboratory's (Laboratory's) Environmental Restoration (ER) Project submitted Baseline Change Proposal (BCP) LANL-ER-95-002, which included changes to the work breakdown structure. On February 9, 1995, the ER Project was given direction by the Department of Energy-Albuquerque ER Program Office to use the baseline proposed in the aforementioned BCP for monthly reporting. The Financial Information System (FIS) transferred prior year's costs from the old ADS structure to the new, but failed to move over actual costs incurred FY to date, yielding large artificial cost variances in the PTS data. LANL personnel have provided the FIS point of contact at DOE - Albuquerque with the information needed for the FY cost data transfer. Until such a time as the official transfer takes place, variance analysis is based on PCS data.

## 1. Significant Problems/Issues/Concerns:

Cost and Schedules variances are due to delayed analytical data booking from CST3.

## 2. Corrective Action:

With improved tracking and booking of costs we expect to correct the variances by the end of FY95.

## 3. Summary Assessment:

Surface sampling activities are ongoing at TA-16, drilling sampling started in June. Analytical data from the 1994 sampling campaigns at TA-33 and 46 are being received. Based on a preliminary review of the data packages, there is contamination above SALs at both TAs. Sufficient data for the

Reporting Period: 6/1995

ADS/TTP #: ALLA-2003- -

WBS #: 1.4.2.6.1.3

Narrative (Continued):

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purpose of making PRS decisions has been received for East, South, and NRAO Sites at TA-33. Preliminary decisions have been made for eighteen PRSs, which will be written into RFI report format. The decisions will be reviewed again after the write-ups have been completed. The post field operations report from the 1994 field season at TA-46 is being prepared.

Comments from the formal Laboratory and DOE review have been incorporated into the OU 1082 RFI Work Plan Addendum 2. The work plan has been submitted to DOE for transmittal to EPA.

4. Cost Status:

Cost Performance Report:

Current Period: \$(10K), or -2.8%

FY to Date: \$727K, or 17.1%

5. Schedule Status:

Cost Performance Report:

Current Period: \$(233)K, or -39.2%

FY to Date: \$(826)K, or -16.3%

6. Technical Status:

Preliminary decisions for South and NRAO PRSs include 8 No Further Actions (NFAs), 3 Voluntary Corrective Actions (VCAs).

There are problems associated with the shipping of samples from heterogenous HE locations.

7. Major Accomplishments:

Completed FU 3 BCP development, January 21, 1995.

Distributed TA-16 Work Plan 3 for internal review, February 1995.

The 1995 field campaign at TA-16 has begun, April 1995.

The waste in the <90 day storage area at TA-46 was removed for disposal, May 95.

Delivered TA-16 Work Plan 3 to DOE for transmittal to EPA, June 1995.

DATE PRINTED: 07/24/1995

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Reporting Period: 6/1995

ADS/TTP #: ALLA-2003- -

WBS #: 1.4.2.6.1.3

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PROJECT MANAGER'S RATINGS

No ratings available.

Reporting Period: 6/1995

ADS/TTP #: ALLA-2004- -

WBS #: 1.4.2.6.1.4

Title: FIELD UNIT 4 (ADsS 1049, 1098, and 1129)

Installation: LOS ALAMOS NATIONAL LABORATORY

Category: ER

Project Title: AL LAB ER (MSA)

Program Manager's-- FO: DEBORAH GRISWOLD

(505)845-4752

Start Date: 01/01/1995

HQ: BILL SPURGEON

(301)903-8187

Completion Date: 10/03/2009

B&R Code	ANNUAL TOTALS (\$000)										
	PY	PY	CY	CY	CY	CY	CY	CY	CY	PC	PC
	End FY 94 Unobl. Bal.	FY 94 Tot. Uncost.Obl.	FY 95 New Obl. Auth.	Total Avail.	FIS Obl. YTD 6/95	Prelim. Obl YTD	FIS Cost YTD 6/95	Prelim. Cost YTD	Proj'd Cur. Yr-End EstCo	End FY 95 Unobl. Bal.	FY 95 Tot. Uncost.Obl.
OE EW2010301	0	757	9,049	9,806	10,405	0	6,596	0	8,515	761	1,863
OE EW2010302	0	0	0	0	0	0	105	0	0	0	0
Totals:	0	757	9,049	9,806	10,405	0	6,701	0	8,515	761	1,863

(Preliminary actuals not available; Actuals as of June/95.)

MONTH	-----MONTHLY-----						-----CUMULATIVE-----				
	BCWS	BCWP	Prelim	ACWP	SCHED VAR	COST VAR	BCWS	BCWP	ACWP	SCHED VAR	COST VAR
10	574	574	0	610	0	-36	574	574	610	0	-36
11	531	531	0	749	0	-218	1,105	1,105	1,359	0	-254
12	825	825	0	571	0	254	1,930	1,930	1,930	0	0
1	637	495	0	402	-142	93	2,567	2,425	2,332	-142	93
2	802	1,120	0	1,114	318	6	3,369	3,545	3,446	176	99
3	1,153	981	0	297	-172	684	4,522	4,526	3,743	4	783
4	845	1,229	0	997	384	232	5,367	5,755	4,740	388	1,015
5	1,125	798	0	921	-327	-123	6,492	6,553	5,661	61	892
6	968	1,642	0	1,040	674	602	7,460	8,195	6,701	735	1,494
7	889	---	---	---	---	---	---	---	---	---	---
8	943	---	---	---	---	---	---	---	---	---	---
9	1,087	---	---	---	---	---	---	---	---	---	---
	<u>10,379</u>	<u>8,195</u>	<u>0</u>	<u>6,701</u>	<u>735</u>	<u>1,494</u>					

Reporting Period: 6/1995

ADS/TTP #: ALLA-2004- -

WBS #: 1.4.2.6.1.4

-----PRIOR YEARS COSTS-----

ACWP	BCWP	BCWS
11,510	11,510	11,510

-----OUT YEAR COSTS-----

FY96	FY97	FY98	FY99	FY00
7,611	6,006	4,825	12,853	28,961

TOTAL PROJECT PLAN

BAC	201,723	Budgeted Mgmt Reserve	0
EAC	201,723	Remaining Mgmt Reserve	0
TEC	0	Planning Contingency	0
TPC	201,723	Remaining Contingency	0
		Planned R & U	0
		Remaining R & U	0

MILESTONE REPORT

LEV	TITLE	STATUS	PLANNED	FORECAST	ACTUAL	MILE CATEGORY	FLOAT
1	EPA DRAFT OF TA-48 PHASE 1 RFI REPORT COMPLETE	Forecast Delay	08/30/1995	09/25/1995	/ /	CAT2	0

COMMENT:

EPA Draft for TA-48 Ph1 Report is expected to be finished on schedule. Network logic will be corrected in July Baseline Re-planning Effort.

1	EPA DRAFT OF TA-35 PHASE 1 RFI REPORT COMPLETE	Forecast Delay	10/16/1995	02/12/1996	/ /	CAT2	0
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COMMENT:

The analytical data from aggregates D,E,F,G,H,I are being handled by the earlier management techniques at the Sample Mgmt Facility. Currently the data is not yet available and resulting are milestone delays.

1	EPA DRAFT OF CANYONS CORE RFI WORK PLAN COMPLETE	Forecast Delay	10/30/1995	04/03/1996	/ /	CAT2	0
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COMMENT:

Reporting Period: 6/1995

ADS/TTP #: ALLA-2004- -

WBS #: 1.4.2.6.1.4

## MILESTONE REPORT Continued

LEV	TITLE	STATUS	PLANNED	FORECAST	ACTUAL	MILE CATEGORY	FLOAT
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## COMMENT (cont.)

On 15 May 95, EPA granted a request for extension for submittal of the Draft Canyons Work Plan from 5/23/95 to 9/20/95. Validation comments on schedule optimization and cost reduction were partially responsible for the decision to delay the EPA draft milestone and focus resources on faster completion of Phase I characterization (see narrative section).

3	EP TA35: EPA DFT PH1 RPT/PH2 SAP CMPL AGG. S,T,U,V,W	Forecast Delay	01/18/1996	03/21/1996	/ /	CAT2	0
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## COMMENT:

The majority of the samples taken from aggregates S,T,U,V, & W are being handled by the earlier management techniques at the Sample Mgmt Facility. Currently the data is not yet available and resulting are milestone delays.

1	EPA DRAFT OF TA-52 PHASE I RFI REPORT COMPLETE	On Schedule	03/04/1996	/ /	/ /	CAT3	0
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## COMMENT:

1	EPA DRAFT OF TA-4/-5 PHASE 1 RFI REPORT COMPLETE	On Schedule	06/19/1996	/ /	/ /	CAT3	0
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## COMMENT:

1	EPA DRAFT OF TA-48 (AGGREGATE K,L,M,N,X,Y) RFI REPORT COMPLETE	Forecast Delay	08/27/1996	10/22/1996	/ /	CAT2	0
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## COMMENT:

The completion date has been delayed as a direct result of the schedule slippage from the TA-48 EPA Draft Ph1 Rpt/PH2 SAP completion of Aggregates K,L,M,N,X,Y. July Baseline Re-planning Effort will correct the delay.

0	EP TA02: EPA DRAFT OF PH1 REPORT COMPLETE	Forecast Early	11/04/1996	10/08/1996	/ /	CAT3	0
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## COMMENT:

Reporting Period: 6/1995

ADS/TTP #: ALLA-2004- -

WBS #: 1.4.2.6.1.4

## MILESTONE REPORT Continued

LEV	TITLE	STATUS	PLANNED	FORECAST	ACTUAL	MILE CATEGORY	FLOAT
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## COMMENT (cont.)

The samples that are being analyzed at TA-2 are being handled by the new data handling systems at the Sample Management Facility. An obvious consequence of the new system is a rapid turnaround time which is directly causing this milestone to be met ahead of schedule.

0	EP TA41: EPA DRAFT OF PH1 REPORT COMPLETE	Forecast Early	01/30/1997	08/23/1996	/ /	CAT3	0
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## COMMENT:

The samples that are being analyzed at TA-41 are eing handled by the new data handling systems at the Sample Management Facility. An obvious consequence of the new system is a rapid turnaround time which is directly causing this milestone to be met ahead of schedule.

## NARRATIVE

## Narrative

In FY95, the Los Alamos National Laboratory's (Laboratory's) Environmental Restoration (ER) Project submitted Baseline Change Proposal (BCP) LANL-ER-95-002, which included changes to the work breakdown structure. On February 9, 1995, the ER Project was given direction by the Department of Energy-Albuquerque ER Program Office to use the baseline proposed in the aforementioned BCP for monthly reporting. The Financial Information System (FIS) transferred prior year's costs from the old ADS structure to the new, but failed to move over actual costs incurred FY to date, yielding large artificial cost variances in the PTS data. LANL personnel have provided the FIS point of contact at DOE - Albuquerque with the information needed for the FY cost data transfer. Until such a time as the official transfer takes place, variance analysis is based on PCS data.

## 1. Significant Problems/Issues/Concerns:

Projected funding cuts will cause deferral of the majority of Field Unit 4 milestones and the accomplishment of Hazardous and Solid Waste Amendments (HSWA) permit requirements to after 2001. The Indian Pueblo stakeholders are very concerned about deferring risk studies on the major transport

pathways moving contaminants onto their land. Deferring work in the Canyons FU will cause an estimated 100% variance at completion.

## 2. Corrective Action:

The out-of-threshold variances are all positive, due to the accelerated schedule achievements. Since actual expenditures remain below the spend plan rate, no formal corrective action is required.

## 3. Summary Assessment:

FY 95 activities in FU 04 will result in completion of planned Phase I investigations in July. As more data is received, potential SWMU candidates for accelerated clean-ups are being identified. An EC plan for two HSWA SWMUs has been written for TA-48.

Field activities have been accelerated to allow for more rapid clean-up decisions. Coupled with the new ER electronic data system, FU activities leading to RFI reports should also be accelerated. A revised technical

Reporting Period: 6/1995

ADS/TTP #: ALLA-2004- -

WBS #: 1.4.2.6.1.4

Narrative (Continued):

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approach will be used in the development of the FY 96 baseline which should allow for gains in productivity as well as more rapid completion of regulatory milestones.

4. Cost Status:

Cost Performance Report:

Current Period: \$602K, or 36.7%  
FY to Date: \$1,494K, or 18.2%

5. Schedule Status:

Cost Performance Report:

Current Period: \$674K, or 69.6%  
FY to Date: \$735K, or 9.9%

6. Technical Status:

Accelerated remediations, identified as the RFI Reports are being generated, are being scheduled to achieve final remedies in FY95. Continued data assessment and data analysis for the TA-48 RFI report.

7. Major Accomplishments:

Completed sampling at Aggregate S (October 1994).

Completed third quarter baseline sampling (January 1995).

Submitted response to Notice of Deficiency for Operable Unit 1129 RFI Work Plan (February 1995).

Completed all TA-41 SWMUs surface sampling (February 1995).

Issued Chapter 1-4 Los Alamos/Pueblo Canyon Work Plan for review (February 1995).

Completed scoring for all potential release sites in FU 4 for the

Albuquerque Ranking Model (April 1995).

Completed all surface and subsurface sampling for TA-2 (April 1995).

Completed sampling at Aggregates T, U, V, and W (April 1995).

Completed sampling at Aggregate Q (May 1995).

Completed 4th quarter baseline sampling (May 1995).

Received EPA final approval to OU1129 Work Plan Addendum (May 1995).

Submitted Chapter 5 of Los Alamos/Pueblo Canyons Work Plan for review (June 1995).

DATE PRINTED: 07/24/1995

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Reporting Period: 6/1995

ADS/TTP #: ALLA-2004- -

WBS #: 1.4.2.6.1.4

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PROJECT MANAGER'S RATINGS

No ratings available.

Reporting Period: 6/1995

ADS/TTP #: ALLA-2005- -

WBS #: 1.4.2.6.1.5

Title: FIELD UNIT 5 (ADSs 1111, 1144, 1147, 1148, 1154, and 1157)

Installation: LOS ALAMOS NATIONAL LABORATORY

Category: ER

Project Title: AL LAB ER (MSA)

Program Manager's-- FO: DEBORAH GRISWOLD

(505)845-4752

Start Date: 01/01/1995

HQ: BILL SPURGEON

(301)903-8187

Completion Date: 01/28/2005

B&R Code	ANNUAL TOTALS (\$000)											
	PY	PY	CY	CY	CY	CY	CY	CY	CY	PC	PC	
	End FY 94 Unobl. Bal.	FY 94 Tot. Uncost.Obl.	FY 95 New Obl. Auth.	Total Avail.	FIS Obl. YTD 6/95	Prelim. Obl YTD	FIS Cost YTD 6/95	Prelim. Cost YTD	Proj'd Cur. Yr-End EstCo	End FY 95 Unobl. Bal.	FY 95 Tot. Uncost.Obl.	
OE EW2010301	0	757	3,587	4,344	5,283	0	7,798	0	13,149	-2,144	-3,327	
OE EW2010302	0	0	300	300	300	0	54	0	133	-19	-31	
OE EW2010304	0	0	0	0	0	0	0	0	0	0	0	
Totals:	0	757	3,887	4,644	5,583	0	7,852	0	13,282	-2,163	-3,358	

(Preliminary actuals not available; Actuals as of June/95.)

MONTH	-----MONTHLY-----						-----CUMULATIVE-----				
	BCWS	BCWP	Prelim	ACWP	SCHED VAR	COST VAR	BCWS	BCWP	ACWP	SCHED VAR	COST VAR
10	2,023	2,023	0	609	0	1,414	2,023	2,023	609	0	1,414
11	1,183	1,183	0	761	0	422	3,206	3,206	1,370	0	1,836
12	-1,084	-1,084	0	754	0	-1,838	2,122	2,122	2,124	0	-2
1	1,371	1,780	0	813	409	967	3,493	3,902	2,937	409	965
2	628	-454	0	1,034	-1,082	-1,488	4,121	3,448	3,971	-673	-523
3	782	423	0	847	-359	-424	4,903	3,871	4,818	-1,032	-947
4	598	365	0	985	-233	-620	5,501	4,236	5,803	-1,265	-1,567
5	2,087	304	0	1,120	-1,783	-816	7,588	4,540	6,923	-3,048	-2,383
6	745	922	0	929	177	-7	8,333	5,462	7,852	-2,871	-2,390
7	520	---	---	---	---	---	---	---	---	---	---
8	562	---	---	---	---	---	---	---	---	---	---
9	509	---	---	---	---	---	---	---	---	---	---
	<u>9,924</u>	<u>5,462</u>	<u>0</u>	<u>7,852</u>	<u>-2,871</u>	<u>-2,390</u>					

-----PRIOR YEARS COSTS-----

ACWP	BCWP	BCWS
22,668	22,668	22,668

-----OUT YEAR COSTS-----

FY96	FY97	FY98	FY99	FY00
7,797	7,263	7,844	3,331	1,769

TOTAL PROJECT PLAN

BAC	200,494	Budgeted Mgmt Reserve	0
EAC	200,494	Remaining Mgmt Reserve	0
TEC	0	Planning Contingency	0
TPC	200,494	Remaining Contingency	0
		Planned R & U	0
		Remaining R & U	0

MILESTONE REPORT

LEV	TITLE	STATUS	PLANNED	FORECAST	ACTUAL	MILE CATEGORY	FLOAT
1	EPA DRAFT OF TA-51,-54 STORM CHANNELS RFI REPORT COMPLETE	Overdue	03/29/1995	07/27/1995	/ /	CAT1	0

COMMENT:

The analytical data has been received from JCI. The recovery is scheduled for July 1995.

1	EPA DRAFT OF TA-6,-8,-9,-22,-23,-40 RFI REPORT COMPLETE	Overdue	04/21/1995	08/18/1995	/ /	CAT1	0
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COMMENT:

Awaiting analytical data to complete the development of the RFI report. This report has been divided into several reports. New dates for the reports will be negotiated with the EPA.

1	EPA DRAFT OF TA-50 SOIL SAMPLING RFI REPORT COMPLETE	Overdue	05/18/1995	09/05/1995	/ /	CAT1	0
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COMMENT:

Reporting Period: 6/1995

ADS/TTP #: ALLA-2005- -

WBS #: 1.4.2.6.1.5

## MILESTONE REPORT Continued

LEV	TITLE	STATUS	PLANNED	FORECAST	ACTUAL	MILE CATEGORY	FLOAT
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COMMENT (cont.)

Delayed due to the necessary shift of resources to work on EC plans. Recovery will be attempted in July, 1995, but may be as late as 5 September.

1	EPA DRAFT OF TA-54 (PSGS) RFI REPORT COMPLETE	Overdue	06/06/1995	10/04/1995	/ /	CAT1	0
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COMMENT:

Development of the RFI Report was delayed by late receipt of the second set of data from Quadrell. No firm recovery date has been scheduled at this time.

1	EPA DRAFT OF TA-50 SHALLOW BORING RFI REPORT COMPLETE	Forecast Delay	09/11/1995	12/05/1995	/ /	CAT2	0
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COMMENT:

Work on VCAs and ECs has diverted resources from this activity.

1	EPA DRAFT OF TA-8 SHALLOW BORING RFI REPORT COMPLETE	Forecast Delay	12/01/1995	02/01/1996	/ /	CAT2	0
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COMMENT:

Work on VCAs and ECs has diverted resources from this activity.

1	REVISED TA-8 SHALLOW BORING RFI REPORT COMPLETE	Forecast Delay	01/17/1996	03/14/1996	/ /	CAT2	0
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COMMENT:

The draft version of this report has slipped due to the transfer of resources to other activities. The completion of the report has been correspondingly impacted.

1	EPA DRAFT OF TA-57 AREA 1 SOIL SAMPLING RFI REPORT COMPLETE	On Schedule	02/02/1996	/ /	/ /	CAT3	0
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Reporting Period: 6/1995

ADS/TTP #: ALLA-2005- -

WBS #: 1.4.2.6.1.5

LEV	TITLE	STATUS	PLANNED	FORECAST	ACTUAL	MILE CATEGORY	FLOAT
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COMMENT:

1	EPA DRAFT TA-54 MDA L RFI REPORT COMPLETE	Forecast Early	03/08/1996	11/22/1995	/ /	CAT3	0
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COMMENT:

1	EPA DRAFT OF TA-49 AREAS 1,3,6,10,12 RFI REPORT COMPLETE	Forecast Delay	03/20/1996	07/09/1996	/ /	CAT2	0
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COMMENT:

Field work now in progress and is running ahead of schedule; expect recovery by planned date.

1	EPA DRAFT OF TA-54 MDA J RFI REPORT COMPLETE	On Schedule	03/20/1996	/ /	/ /	CAT3	0
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COMMENT:

1	EPA DRAFT OF TA-6/-40 RFI REPORT COMPLETE	On Schedule	04/02/1996	/ /	/ /	CAT3	0
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COMMENT:

3	EPA DRAFT OF TA-9 MDA M EXPEDITED CLEANUP REPORT COMPLETE	Forecast Delay	04/15/1996	07/05/1996	/ /	CAT2	0
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COMMENT:

Schedule for this activity has been changed and expect delivery by planned date.

1	EPA DRAFT OF TA-50 MDA C RFI REPORT COMPLETE	On Schedule	04/25/1996	/ /	/ /	CAT3	0
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COMMENT:

1 EPA DRAFT OF TA-49 AREA 2,2A,2B RFI REPORT COMPLETE

On Schedule

06/03/1996 / / / / CAT3

0

Reporting Period: 6/1995

ADS/TTP #: ALLA-2005- -

WBS #: 1.4.2.6.1.5

LEV	TITLE	STATUS	PLANNED	FORECAST	ACTUAL	MILE CATEGORY	FLOAT
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## COMMENT:

1	EPA DRAFT OF TA-54 MDA G RFI REPORT COMPLETE	On Schedule	07/11/1996	/ /	/ /	CAT3	0
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## COMMENT:

1	EPA DRAFT OF TA-6 MDA F RFI REPORT COMPLETE	On Schedule	10/01/1996	/ /	/ /	CAT3	0
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## COMMENT:

## NARRATIVE

## Narrative

In FY95, the Los Alamos National Laboratory's (Laboratory's) Environmental Restoration (ER) Project submitted Baseline Change Proposal (BCP) LANL-ER-95-002, which included changes to the work breakdown structure. On February 9, 1995, the ER Project was given direction by the Department of Energy-Albuquerque ER Program Office to use the baseline proposed in the aforementioned BCP for monthly reporting. The Financial Information System (FIS) transferred prior year's costs from the old ADS structure to the new, but failed to move over actual costs incurred FY to date, yielding large artificial cost variances in the PTS data. LANL personnel have provided the FIS point of contact at DOE - Albuquerque with the information needed for the FY cost data transfer. Until such a time as the official transfer takes place, variance analysis is based on PCS data.

## 1. Significant Problems/Issues/Concerns:

No problems/issues/concerns that appear likely to affect the performance of this ADS.

## 2. Corrective Action:

The out-of-threshold negative Schedule Variance (SV) at the FY-to-date level was mostly caused by transfer of resources for work on VCAs and ECs. Management efforts at regaining the SV led to the positive out-of-threshold SV in the current period. Since the VCA and EC activities deviate from the original baseline, no Earned Value can be claimed against them, leading to the out-of-threshold Cost Variance (CV) at the FY-to-date level. These difficulties will be corrected with the re-planning effort.

## 3. Summary Assessment:

Soil sampling and shallow boring are in progress at TAs 6 and 40. A readiness review was held on June 19 for soil sampling at TA-49. Drilling was completed at MDA J and started at MDA H (TA-54). Drilling sites at MDA C were located. The road into MDA M (SWMU 9-0013) was improved to handle the anticipated truck traffic associated with the expedited cleanup.

Both field and reporting activities are in progress. Those activities include:

- o preparations for soil sampling at TA-49,
- o preparations for drilling at MDAs C (TA-50),

Reporting Period: 6/1995

ADS/TTP #: ALLA-2005- -

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## Narrative (Continued):

- o drilling at MDAs J and H (TA-54)
- o soil sampling at TAs 6 and 40
- o preparations for expedited cleanups and voluntary corrective actions,
- o preparation of RFI reports
  - TA-50
  - selected PRSs in TAs 6,8,9, and 40
  - stream channel sediment in TA-54
  - passive venting of soil gases at TA-54, and
- o regular monitoring
  - pore gas for the MDA L plume at TA-54
  - boreholes at TA-49

## Samples currently being analyzed include

- o soil samples from Fenton Hill Site (TA-57)
  - o shallow boring samples from the areas of decommissioned liquid radioactive waste lines (TA-50), and
  - o samples from drilling in the areas of the pits at MDA L (TA-54).
  - o samples from drilling of the monitoring wells under MDA L (TA-54).
- Results are being received, and initial validation is being done.

Focused validation is in progress for the soil samples from selected PRSs in TAs 6,8,9, and 40 and for soil gas samples and samples from stream channel sediments at TA-54.

Students in the SAGE (Summer of Applied Geophysical Experience) Program took seismic and resistivity measurements at MDAF (TA-6).

Pilot studies on organic vapor extraction at MDA L, engineered covers for landfills, and stabilization of the plating waste outfall area at TA-22 continue. The pilot studies for the plating waste facility are being integrated into an expedited cleanup plan for this area.

## 4. Cost Status:

## Cost Performance Report:

Current Period: \$(7)K, or -0.8%

FY to Date: \$(2,390)K, or -43.8%

## 5. Schedule Status:

## Cost Performance Report:

Current Period: \$177K, or 23.7%

FY to Date: \$(2,871), or -34.4%

## 6. Technical Status:

SWMU 40-006(a), an active firing site, is being sampled by geophysical location of shrapnel, boring, and surface soil sampling. A total of 89 samples have been collected. The sites of several buildings that were destroyed by burning in the 1960s are being investigated by soil sampling in TA-6. A total of 94 samples have been collected. A readiness review was held on June 19 for soil sampling at TA-49.

A modified drill rig that minimizes cuttings and has a filtration system that eliminates dust from drilling in a way that is equivalent to HEPA filtration was used to drill four boreholes at MDA J (TA-54). These boreholes complete the Phase I drilling for MDA J. Drilling of four boreholes started at MDA H (also TA-54) on June 19, and is expected to be completed the first week in July. Some difficulties were encountered with binding of the drill string, but modifications were made that eliminated these difficulties. Lessons learned with the modified drill rig during the Phase I drilling activities at MDAs J and H will facilitate the drilling program at MDA C. Field screening at MDA J was within background levels. One borehole at MDA H, where a tritium plume was found in 1969, again showed evidence of the tritium plume to a depth of about 37 feet. All boreholes are being temporarily capped with a one-way valve that allows gasses out of the boreholes, but not in. The boreholes will be tested for permeability profiles after drilling is completed at MDA H. The boreholes at MDAs J and H will be backfilled with the cuttings removed from them.

The extraction and monitoring wells for the MDA L (TA-54) pilot extraction study are being fitted with equipment and instrumentation. Analysis of existing data has begun in preparation for the initial extraction tests.

Reporting Period: 6/1995

ADS/TTP #: ALLA-2005- -

WBS #: 1.4.2.6.1.5

## Narrative (Continued):

Ground penetrating radar (GPR) was used to determine disposal trench locations and placement of drilling locations at MDA C (TA-50, SWMU 50-009). Drilling is planned to start the week of July 10. The modification to the drilling plan in the OU 1147 work plan is still under discussion with EPA. Even if complete agreement is not reached by July 10, drilling will start on vertical and near-vertical holes that are not a subject of this discussion.

The expedited cleanup plans for SWMUs 22-015(c), an area stained by the outfall liquid from plating and etching operations, and 9-013, MDA M, were presented at a public meeting on June 21. MDA M is an approximately 3-acre area where trash has been deposited since the early 1950s. The road to MDA M was improved for the anticipated truck traffic, and a turnaround area for trucks and a parking area for the field activities trailer were added. A radiation survey of the area is in progress. Contractors are being contacted.

Cleanup activities for SWMU 8-003(a), an abandoned septic tank, are tentatively scheduled to begin the week of July 24. We have received the NEPA Categorical Exclusion and other approvals. The contractors have been given a site visit, and we are awaiting a formal bid. A readiness review is scheduled for July 12. A draft NOD was received from EPA, and a response is being prepared.

The RFI Report for TA-50 soil sampling has been delayed because effort has been redirected toward the expedited cleanup plans and because of a lack of clear guidance from EPA. We now expect this report to be submitted to EPA in mid-July. The report will contain recommendations for no further action, for some Phase 2 characterization, and for a small interim action.

The first draft of the RFI Report for channel sediment sampling at TA-54 is near completion. This report is the first in a series of reports documenting exposure pathways at TA-54.

A report on passive venting of soil gases at the MDAs in TA-54 is in progress.

## 7. Major Accomplishments:

October 1994

OU 1111 RFI work plan approved by the EPA.

OU 1157 RFI work plan approved by the EPA.

November 1994

Shallow boreholes for decommissioned waste lines at TA-50 completed.

December 1994

Draft TA-50 soil sampling RFI report informally submitted to EPA.

Sampling at Fenton Hill Site completed.

OU 1154 RFI work plan approved by the EPA.

January 1995

Land and preliminary radiation surveys at TA-49 completed.

February 1995

Drilling on monitoring well at MDA L completed.

March 1995

Pore gas sampling report for MDA L during 1994 completed.

April 1995

Emplacement of two deep monitoring wells for MDA L completed.

May 1995

Phase I sampling for OU 1157 was completed.

Operable Unit 1154 RFI Work Plan was approved by the EPA.

June 1995

Phase I drilling at MDA J was completed.

DATE PRINTED: 07/24/1995

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Reporting Period: 6/1995

ADS/TTP #: ALLA-2005- -

WBS #: 1.4.2.6.1.5

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PROJECT MANAGER'S RATINGS

No ratings available.

Reporting Period: 6/1995

ADS/TTP #: ALLA-2006-

WBS #: 1.4.2.6.1.6

Title: CLOSURES (ADSs 1062, 1063, 1091, 1127, 1135, and 1150)

Installation: LOS ALAMOS NATIONAL LABORATORY

Category: ER

Project Title: AL LAB ER (MSA)

Program Manager's-- FO: DEBORAH GRISWOLD

(505)845-4752

Start Date: 01/01/1995

HQ: BILL SPURGEON

(301)903-8187

Completion Date: 01/23/1998

B&R Code	ANNUAL TOTALS (\$000)											
	PY	PY	CY	CY	CY	CY	CY	CY	CY	PC	PC	
	End FY 94 Unobl. Bal.	FY 94 Tot. Uncost.Obl.	FY 95 New Obl. Auth.	Total Avail.	FIS Obl. YTD 6/95	Prelim. Obl YTD	FIS Cost YTD 6/95	Prelim. Cost YTD	Proj'd Cur. Yr-End EstCo	End FY 95 Unobl. Bal.	FY 95 Tot. Uncost.Obl.	
OE EW2010202	0	68	979	1,047	995	0	855	0	980	393	1,090	
OE EW2010302	0	0	0	0	702	0	17	0	0	0	0	
Totals:	0	68	979	1,047	1,697	0	872	0	980	393	1,090	

(Preliminary actuals not available; Actuals as of June/95.)

EXPENDITURE RATE (\$000)

MONTH	MONTHLY						CUMULATIVE				
	BCWS	BCWP	Prelim	ACWP	SCHED VAR	COST VAR	BCWS	BCWP	ACWP	SCHED VAR	COST VAR
10	23	23	0	5	0	18	23	23	5	0	18
11	14	14	0	34	0	-20	37	37	39	0	-2
12	238	238	0	44	0	194	275	275	83	0	192
1	278	100	0	269	-178	-169	553	375	352	-178	23
2	145	321	0	77	176	244	698	696	429	-2	267
3	133	86	0	110	-47	-24	831	782	539	-49	243
4	21	36	0	65	15	-29	852	818	604	-34	214
5	93	53	0	168	-40	-115	945	871	772	-74	99
6	127	10	0	100	-117	-90	1,072	881	872	-191	9
7	65	---	---	---	---	---	---	---	---	---	---
8	156	---	---	---	---	---	---	---	---	---	---
9	147	---	---	---	---	---	---	---	---	---	---
	1,440	881	0	872	-191	9					

Reporting Period: 6/1995

ADS/TTP #: ALLA-2006- -

WBS #: 1.4.2.6.1.6

-----PRIOR YEARS COSTS-----

ACWP	BCWP	BCWS
5,171	5,171	5,171

-----OUT YEAR COSTS-----

FY96	FY97	FY98	FY99	FY00
4,417	1,863	299	0	0

TOTAL PROJECT PLAN

-----

BAC	13,189	Budgeted Mgmt Reserve	0
EAC	13,189	Remaining Mgmt Reserve	0
TEC	0	Planning Contingency	0
TPC	13,189	Remaining Contingency	0
		Planned R & U	0
		Remaining R & U	0

MILESTONE REPORT

LEV	TITLE	STATUS	PLANNED	FORECAST	ACTUAL	MILE CATEGORY	FLOAT
3	OU 1135 CLOSURE COMPLETE	Overdue	03/21/1995	07/28/1995	/ /	CAT1	0

COMMENT:

The closure report was submitted to the New Mexico Environment Department on 3/27/95. This milestone cannot be completed until NMED approves the closure report.

3	OU 1127 CLOSURE COMPLETE	Overdue	03/21/1995	07/28/1995	/ /	CAT1	0
---	--------------------------	---------	------------	------------	-----	------	---

COMMENT:

The draft closure plan was submitted to the New Mexico Environment Department in November 1994. This milestone cannot be completed until the report is approved by NMED.

3	MDA P CLOSURE COMPLETE	On Schedule	01/23/1998	/ /	/ /	CAT3	0
---	------------------------	-------------	------------	-----	-----	------	---

COMMENT:

Reporting Period: 6/1995

ADS/TTP #: ALLA-2006- -

WBS #: 1.4.2.6.1.6

## NARRATIVE

## Narrative

In FY95, the Los Alamos National Laboratory's (Laboratory's) Environmental Restoration (ER) Project submitted Baseline Change Proposal (BCP) LANL-ER-95-002, which included changes to the work breakdown structure. On February 9, 1995, the ER Project was given direction by the Department of Energy-Albuquerque ER Program Office to use the baseline proposed in the aforementioned BCP for monthly reporting. The Financial Information System (FIS) transferred prior year's costs from the old ADS structure to the new, but failed to move over actual costs incurred FY to date, yielding large artificial cost variances in the PTS data. LANL personnel have provided the FIS point of contact at DOE - Albuquerque with the information needed for the FY cost transfer. Until such a time as the official transfer takes place, variance analysis is based on PCS data.

## 1. Significant Problems/Issues/Concerns:

NMED has not completed review of the Material Disposal Area (MDA)-P closure plan.

## 2. Corrective Action:

Costs that were inappropriately assigned to the MDA-P Closure Plan development task have been reassigned to appropriate sub-tasks. The anticipated cost overrun was an artifact of the mis-assignment of costs.

The Current Period out-of-threshold Cost Variance is a natural function of the norming of the variances after the large positive cost variances from December and the February through April periods, as evidenced by the miniscule FY cost variance. The out-of-threshold Schedule Variance, in both the Current Period and FY-to-Date, is largely caused by the work delayed due to the longer review cycle by NMED. We will do our best to recover the schedule once the delayed documents are received, but since the primary source of the SV is the NMED, any corrective action is largely outside of LANL's control.

## 3. Summary Assessment:

The MDA-P Closure Plan is still in review by NMED. Work on other internal regulatory tasks is underway. Baseline soil sampling is in progress.

The closure report for TA-40 was submitted to NMED on March 27, 1995. Approval is pending.

NMED issued a TA-35 Draft Amended Closure Plan for public comment on April 10, 1995. The Laboratory responded to NMED draft on 5/20/95.

## 4. Cost Status:

## Cost Performance Report:

Current Period: \$(90)K, or -900.0%

FY to Date: \$9K, or 1.0%

## 5. Schedule Status:

## Cost Performance Report:

Current Period: \$(117)K, or -92.1%

FY to Date: \$(191)K, or -17.8%

## 6. Technical Status:

Field work at TA-35 will not proceed until approvals are received from the NMED on the Notice of Deficiency or a new closure plan is approved.

All MDA-P Supporting Plans have been completed.

## 7. Major Accomplishments:

Completed cleanup of one of the two sites (the burn cage and surrounding soils) (October 15, 1994).

Reporting Period: 6/1995

ADS/TTP #: ALLA-2006- -

WBS #: 1.4.2.6.1.6

Narrative (Continued):

Submitted amended Closure Plan for second surface impoundment (TSL-85) (November 1, 1994).

Completed cleanup of the east burn area (December 27, 1994).

Submitted draft Closure Plan for MDA P to NMED (February 8, 1995).

Developed and submitted Records Management, Quality Assurance, Health and Safety, Waste Management, Sample Analysis, and Project Plans for MDA P for internal review (February 13, 1995).

Backfilled TA-40 site (February 16, 1995).

Distributed draft TA-40 Closure Plan for internal review (February 24, 1995).

Completed Laboratory review of H&S Plan (March 8, 1995).

Completed Laboratory review of Waste Management Plan (March 15, 1995).

Submitted TA-40 Closure Report NMED (March 27, 1995).

Submitted comments on NMED's TA-35, TSL-85 Draft Amended Closure Plan (May 20, 1995).

Final Health & Safety Plan completed (May 26, 1995).

DATE PRINTED: 07/24/1995

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Reporting Period: 6/1995

ADS/TTP #: ALLA-2006- -

WBS #: 1.4.2.6.1.6

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PROJECT MANAGER'S RATINGS

No ratings available.



Reporting Period: 6/1995

ADS/TTP #: ALLA-3001- -

WBS #: 1.4.2.6.2.1

EXPENDITURE RATE (\$000) Continued

MONTH	-----MONTHLY-----						-----CUMULATIVE-----				
	BCWS	BCWP	Prelim	ACWP	SCHED VAR	COST VAR	BCWS	BCWP	ACWP	SCHED VAR	COST VAR
	<u>7,493</u>	<u>5,247</u>	<u>0</u>	<u>4,889</u>	<u>-944</u>	<u>358</u>					
-----PRIOR YEARS COSTS-----			-----OUT YEAR COSTS-----								
ACWP	BCWP	BCWS	FY96	FY97	FY98	FY99	FY00				
11,131	11,131	11,131	9,170	9,749	9,220	9,994	16,411				

TOTAL PROJECT PLAN

BAC	91,772	Budgeted Mgmt Reserve	0
EAC	91,772	Remaining Mgmt Reserve	0
TEC	0	Planning Contingency	0
TPC	91,965	Remaining Contingency	0
		Planned R & U	0
		Remaining R & U	0

MILESTONE REPORT

LEV	TITLE	STATUS	PLANNED	FORECAST	ACTUAL	MILE CATEGORY	FLOAT
2	PHASE SEPARATOR PIT PROJECT PLANS COMPLETE	Completed	01/25/1995	/ /	01/25/1995		0

COMMENT:

No milestone category can be entered if the type of milestone is "PEG", or Program Execution Guidance.

2	TA-16 HIGH EXPLOSIVES FACILITY PROJECT PLANS COMPLETE	On Schedule	08/31/1995	/ /	/ /		0
---	---	-------------	------------	-----	-----	--	---

COMMENT:

Reporting Period: 6/1995

ADS/TTP #: ALLA-3001- -

WBS #: 1.4.2.6.2.1

## MILESTONE REPORT Continued

LEV	TITLE	STATUS	PLANNED	FORECAST	ACTUAL	MILE CATEGORY	FLOAT
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## COMMENT (cont.)

No milestone category can be entered if the type of milestone is "PEG", or Program Execution Guidance.

2	DP WEST TA-21 3&4 SOUTH FINAL REPORT	On Schedule	01/05/1996	/ /	/ /		0
---	--------------------------------------	-------------	------------	-----	-----	--	---

## COMMENT:

No milestone category can be entered if the type of milestone is "PEG", or Program Execution Guidance.

2	TA-16: HIGH EXPLOSIVES FINAL REPORT	On Schedule	05/15/1997	/ /	/ /		0
---	-------------------------------------	-------------	------------	-----	-----	--	---

## COMMENT:

No milestone category can be entered if the type of milestone is "PEG", or Program Execution Guidance.

2	PHASE SEPERATOR PIT FINAL REPORT	On Schedule	09/27/1997	/ /	/ /	CAT3	0
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## COMMENT:

## NARRATIVE

## Narrative

-----  
This Activity Data Sheet represents old ADSS 1054, 1055, and 2136.

In FY95, the Los Alamos National Laboratory's (Laboratory's) Environmental Restoration (ER) Project submitted Baseline Change Proposal (BCP) LANL-ER-95 002, which included change to the work breakdown structure. On

February 9, 1995, the ER Project was given direction by the Department of Energy-Albuquerque ER Program Office to use the baseline proposed in the aforementioned BCP for monthly reporting. The Financial Information System (FIS) transferred prior year's costs from the old ADS structure to the new, but failed to move over actual costs incurred FY to date, yielding large

Reporting Period: 6/1995

ADS/TTP #: ALLA-3001- -

WBS #: 1.4.2.6.2.1

## Narrative (Continued):

artificial cost variances in the PTS data. LANL personnel have provided the FIS point of contact at DOE-Albuquerque with the information needed for the FY cost data transfer. Until such a time as the official transfer takes place, variance analysis is based on PCS data.

## 1. Significant Problems/Issues/Concerns:

The TA-35 Decommissioning project's schedule has been delayed about a month because of a High Speed Impact test's priority over the project. All ductwork removal was stopped until the test was conducted. This will cause a domino effect as phase 2 cannot start until phase 1 activities are completed. Concurrently, the contract for phases 2-6 has not been awarded because of insufficient funds (Budget Authority (BA)) to commit to avoid the antideficiency act.

## 2. Corrective Action:

TA-35 Phase Separator Pit work resumed the fourth week in June, leading to the out-of-threshold negative Cost Variance in the current period. Since the FY variance continues to be positive, no formal corrective action is planned.

The out-of-threshold Schedule Variance (SV) at the FY-to-date level is primarily due to the delays incurred in the placing of the contracts for remediation at TA-35 and the BOA contract for TA-16. Now that these contracts are placed, the SV should be alleviated before scheduled completion.

## 3. Summary Assessment:

The site characterization for the High Explosives project is complete and preparation of the decommissioning plans is in progress. Procurement of a pool of decommissioning contractor, historical evaluation, and National Environmental Protection Agency (NEPA) determination are also complete.

The State of New Mexico has been provided with additional information about the High Explosive project and the need for the burn permit.

The TA-35 Phase Separator Pit Decommissioning work continued with the removal of overhead ductwork and exhaust hoods 80% complete. The project Decommissioning was delayed until the high speed impact test was conducted. Work crews worked on miscellaneous activities during the test delay.

D&D personnel completed TA-21 buildings 4 South dismantlement. Soil remediation and site demobilization are scheduled for July. Completed site-specific health and safety plan for filter buildings (146 and 324) and all field sampling. Completed filter building project management plan -- awaiting approval.

## 4. Cost Status:

## Cost Performance Report:

Current Period: \$(410)K, or -176.0%

FY to Date: \$358K, or 6.8%

## 5. Schedule Status:

## Cost Performance Report:

Current Period: \$(125)K, or -34.9%

FY to Date: \$(944)K, or -15.2%

TA-35 Phase Separator Pit project is delayed approximately 30 working days.

## 6. Technical Status:

D&D personnel are considering further waste minimization measures such as: stripping the lead-based paint, crushing the concrete for reuse, and recycling the wood. Efforts to form a Value Engineering team to specifically address waste minimization are underway.

A "phase 6" was added to the Statement of Work on the bid package to determine if additional work to remove the short under-floor ducts in building 2 could also be removed within the original budget. The lowest bids allow for phase 6 work to be included in the contract award.

Reporting Period: 6/1995

ADS/TTP #: ALLA-3001- -

WBS #: 1.4.2.6.2.1

Narrative (Continued):

7. Major Accomplishments:

Completed all necessary plans for the start of the TA-35 phase separator pit decommissioning project operations, January 30, 1995.

Completed readiness review for phase separator pit project, January 31, 1995.

Started Phase Separator Pit project Phase I operations, February 21, 1995. The Phase Separator Pit project has received bids from six external contractors for phases 2-6. The removal of all overhead ducts, all exhaust hoods, and capping of all floor ducts in building 2 completes 80% of phase 1 work with approximately 70% of estimated budget. Two exhaust fans supporting building 2 were shut down, including the removal of one building 7 stack and a ten HEPA filter train also from building 7.

Completed bid package for external contractors, February 24, 1995.

Completed report on proposed effects and treatment of effects for the HE project and sent it to the State Historic Preservation Officer for approval, February 28, 1995.

Completed the short-list selection for the remediation contractor, March 30, 1995. This contract is a Basic Ordering Agreement that can be used for other decommissioning projects and remedial actions besides this one. It will greatly shorten procurement times in the future.

Building 21-4 South dismantlement was completed, May 1995.

Final selection of the four remediation contractors was completed. This contract is a Basic Ordering Agreement that can be used for other decommissioning projects and remedial actions besides this one. It will greatly shorten procurement times in the future, June 1995.

The State Historic Preservation Officer approved the memorandum of agreement for mitigation prior to decommissioning of the High Explosive contaminated buildings. The DOE determined that the HE buildings are categorically excluded from further NEPA documentation requirements, June

1995.

Building 21-4 South dismantlement was completed, June 1995.

Phase Separator Pit project has received bids from six external contractors for phases 2-6. The removal of all overhead ducts, all exhaust hoods, and capping of all floor ducts in building 2 completes 80% of phase 1 work with approximately 70% of estimated budget. Two exhaust fans supporting building 2 were shut down, including the removal of one building 7 stack and a ten HEPA filter train, also from building 7.

DATE PRINTED: 07/24/1995

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Reporting Period: 6/1995

ADS/TTP #: ALLA-3001- -

WBS #: 1.4.2.6.2.1

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PROJECT MANAGER'S RATINGS

No ratings available.



Reporting Period: 6/1995

ADS/TTP #: ALLA-2107- -

WBS #: 1.4.2.6.3.7

EXPENDITURE RATE (\$000) Continued

MONTH	MONTHLY						CUMULATIVE				
	BCWS	BCWP	Prelim	ACWP	SCHED VAR	COST VAR	BCWS	BCWP	ACWP	SCHED VAR	COST VAR
	20,797	15,544	0	16,361	-1,152	-817					
-----PRIOR YEARS COSTS-----						-----OUT YEAR COSTS-----					
ACWP	BCWP	BCWS		FY96	FY97	FY98	FY99	FY00			
51,500	51,500	51,500		13,587	13,052	14,061	14,427	14,794			

TOTAL PROJECT PLAN

BAC	199,654	Budgeted Mgmt Reserve	2,642
EAC	199,654	Remaining Mgmt Reserve	2,642
TEC	0	Planning Contingency	4,299
TPC	199,962	Remaining Contingency	4,299
		Planned R & U	0
		Remaining R & U	0

MILESTONE REPORT

LEV	TITLE	STATUS	PLANNED	FORECAST	ACTUAL	MILE CATEGORY	FLOAT
1	PERMIT MODIFICATION FY95 COMPLETED	Completed	01/31/1995	/ /	01/31/1995	CAT3	0
COMMENT:							
1	FY95 IWP SUBMITTED TO EPA	Completed	02/28/1995	/ /	02/28/1995	CAT3	0
COMMENT:							
1	1ST QUARTER FY95 REPORT SUBMITTED TO EPA	Completed	03/31/1995	/ /	03/15/1995	CAT3	0

Reporting Period: 6/1995

ADS/TTP #: ALLA-2107- -

WBS #: 1.4.2.6.3.7

LEV	TITLE	STATUS	PLANNED	FORECAST	ACTUAL	MILE CATEGORY	FLOAT
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COMMENT:

1	2ND QUARTER FY95 REPORT SUBMITTED TO EPA	Completed	06/30/1995	/ /	05/10/1995	CAT3	0
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COMMENT:

1	PERMIT MODIFICATION FY95 COMPLETED	On Schedule	07/31/1995	/ /	/ /	CAT3	0
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COMMENT:

1	3RD QUARTER FY95 REPORT SUBMITTED TO EPA	On Schedule	09/29/1995	/ /	/ /	CAT3	0
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COMMENT:

1	4TH QUARTER FY95 REPORT SUBMITTED TO EPA	On Schedule	12/29/1995	/ /	/ /	CAT3	0
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COMMENT:

1	1ST QUARTER FY96 REPORT SUBMITTED TO EPA	On Schedule	03/29/1996	/ /	/ /	CAT3	0
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COMMENT:

1	3RD QUARTER FY96 REPORT SUBMITTED TO EPA	On Schedule	09/27/1996	/ /	/ /	CAT3	0
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COMMENT:

1	FY96 IWP COMPLETE	On Schedule	11/19/1996	/ /	/ /	CAT3	0
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COMMENT:

1 PROJECT COMPLETE

On Schedule

10/03/2009

/

/

CAT3

0

Reporting Period: 6/1995

ADS/TTP #: ALLA-2107- -

WBS #: 1.4.2.6.3.7

LEV	TITLE	STATUS	PLANNED	FORECAST	ACTUAL	MILE CATEGORY	FLOAT
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COMMENT:

## NARRATIVE

Narrative

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## 1. Significant Problems/Issues/Concerns:

## 2. Corrective Action:

The current period cost variance is due to the costing in June of the project support. This deliverable was estimated as a lump sum cost in March. However, funds allocation occurs at varying periods during the year, and this deliverable is costed when funds are allocated. This variance is due to the accounting methodology and will self-correct by the end of the year.

No corrective action is required, and no impact of the project will occur as a result of this variance.

## 3. Summary Assessment:

This is the programmatic management Activity Data Sheet for the ER Project, which includes all planning, scheduling, cost estimating, staffing, reporting, controlling, and related management functions. The Project management office, upper-level management support functions, and the Project Control team are included. In addition, public involvement, information management, and regulatory compliance are funded here.

## 4. Cost Status:

Cost Performance Report:

Current Period: \$(256)K, or -16.5%

FY to Date: \$(817)K, or -5.3%

## 5. Schedule Status:

Cost Performance Report:

Current Period: \$117K, or 8.2%

FY to Date: \$(1,152), or -6.9%

## 6. Technical Status:

The project conducted one public meeting and a tour of sites proposed for expedited clean up on Voluntary Corrective Action (VCA) this year.

The assessments team updated guidance for evaluating polyaromatic hydrocarbons in soil in response to EPA comments. The team also began to draft guidance for radionuclid clean up levels and a new ecological risk screening methodology.

## 7. Major Accomplishments:

Completed the Action Plan for Knowledge of Process per New Mexico Environment Department's compliance order (October 1994).

Completed survey of Technical Area 73 sampling activities at the airport (October 1994).

Completed survey of the drilling activities at the mercury SWMU, TA-3, SM-30 (October 1994).

Developed and submitted statements of work for ER QA support and QAPP

Reporting Period: 6/1995

ADS/TTP #: ALLA-2107- -

WBS #: 1.4.2.6.3.7

Narrative (Continued):

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development and review of sampling management activities (October 1994).

Completed installation of new estimating software (G2) and ensured G2/FINESTHOUR interface (October 1994).

Submitted BCP LANL-ER-95-001, consistent with the ER Project's Action Plan (October 21, 1994).

Established strategy for determining subproject target numbers and established preliminary targets within DOE funding constraints (December 1994).

Completed BUS review of overhead application algorithms and received validation of ER MCS methods (December 1994).

Completed closeout of FY94 Baseline Validation Findings and transmitted final report to Ted Taylor of the Los Alamos Area Office (December 1994).

Completed PARADE training for project leaders and cost/schedule analysts (December 1994).

Completed internal BCP QA criteria for both estimate and technical scope relative to the Action Plan commitments (December 1994).

Updated Installation Work Plan (February 1995).

DATE PRINTED: 07/24/1995

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Reporting Period: 6/1995

ADS/TTP #: ALLA-2107- -

WBS #: 1.4.2.6.3.7

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PROJECT MANAGER'S RATINGS

No ratings available.

Reporting Period: 6/1995

ADS/TTP #: ALLA-2105- -

WBS #: 1.4.2.6.3.8

Title: PROGRAMMATIC TECH SUPPORT

Installation: LOS ALAMOS NATIONAL LABORATORY

Category: ER

Project Title: AL LAB ER (MSA)

Program Manager's-- FO: DEBORAH GRISWOLD

(505)845-4752

Start Date: 10/01/1990

HQ: BILL SPURGEON

(301)903-8187

Completion Date: 09/30/1999

B&R Code	ANNUAL TOTALS (\$000)											
	PY	PY	CY	CY	CY	CY	CY	CY	CY	PC	PC	
	End FY 94 Unobl. Bal.	FY 94 Tot. Uncost.Obl.	FY 95 New Obl. Auth.	Total Avail.	FIS Obl. YTD 6/95	Prelim. Obl YTD	FIS Cost YTD 6/95	Prelim. Cost YTD	Proj'd Cur. Yr-End EstCo	End FY 95 Unobl. Bal.	FY 95 Tot. Uncost.Obl.	
OE EW2010301	0	6,083	3,144	9,227	5,616	0	3,944	0	5,147	-561	-792	
OE EW2010302	0	0	0	0	0	0	32	0	0	0	0	
Totals:	0	6,083	3,144	9,227	5,616	0	3,976	0	5,147	-561	-792	

(Preliminary actuals not available; Actuals as of June/95.)

EXPENDITURE RATE (\$000)

MONTH	-----MONTHLY-----						-----CUMULATIVE-----				
	BCWS	BCWP	Prelim	ACWP	SCHED VAR	COST VAR	BCWS	BCWP	ACWP	SCHED VAR	COST VAR
10	1,419	1,419	0	1,177	0	242	1,419	1,419	1,177	0	242
11	1,347	1,347	0	1,118	0	229	2,766	2,766	2,295	0	471
12	-1,053	-1,053	0	1,096	0	-2,149	1,713	1,713	3,391	0	-1,678
1	348	130	0	-1,441	-218	1,571	2,061	1,843	1,950	-218	-107
2	326	510	0	425	184	85	2,387	2,353	2,375	-34	-22
3	423	348	0	376	-75	-28	2,810	2,701	2,751	-109	-50
4	279	282	0	520	3	-238	3,089	2,983	3,271	-106	-288
5	332	299	0	457	-33	-158	3,421	3,282	3,728	-139	-446
6	345	328	0	248	-17	80	3,766	3,610	3,976	-156	-366
7	269	---	---	---	---	---	---	---	---	---	---
8	300	---	---	---	---	---	---	---	---	---	---
9	251	---	---	---	---	---	---	---	---	---	---
	<u>4,586</u>	<u>3,610</u>	<u>0</u>	<u>3,976</u>	<u>-156</u>	<u>-366</u>					

Reporting Period: 6/1995

ADS/TTP #: ALLA-2105- -

WBS #: 1.4.2.6.3.8

-----PRIOR YEARS COSTS-----

ACWP	BCWP	BCWS
45,696	45,696	45,696

-----OUT YEAR COSTS-----

FY96	FY97	FY98	FY99	FY00
1,638	1,622	1,709	1,757	1,468

TOTAL PROJECT PLAN

BAC	64,722	Budgeted Mgmt Reserve	0
EAC	64,722	Remaining Mgmt Reserve	0
TEC	0	Planning Contingency	0
TPC	64,722	Remaining Contingency	0
		Planned R & U	0
		Remaining R & U	0

MILESTONE REPORT

LEV	TITLE	STATUS	PLANNED	FORECAST	ACTUAL	MILE CATEGORY	FLOAT
1	SITE-WIDE REPORT COMPLETED	Overdue	06/30/1995	/ /	/ /	CAT1	0

COMMENT:

The Site-Wide Plan is currently in NMED review.

1	PROJECT COMPLETE	On Schedule	09/30/1999	/ /	/ /	CAT3	0
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COMMENT:

NARRATIVE

Narrative

-----  
 In FY95, the Los Alamos National Laboratory's (Laboratory's) Environmental Restoration (ER) Project Office submitted Baseline Change Proposal (BCP) LANL-ER-95-002, which included changes to the work breakdown structure. On February 9, 1995, the Laboratory was given direction by the Department of

Energy-Albuquerque ER Program Office to use the baseline proposed in the aforementioned BCP for monthly reporting. The Financial Information System (FIS) transferred prior year's costs from the old ADS structure to the new, but failed to move over actual costs incurred FY to date, yielding large ar

Reporting Period: 6/1995

ADS/TTP #: ALLA-2105- -

WBS #: 1.4.2.6.3.8

## Narrative (Continued):

artificial cost variances in the PTS data. LAML personnel have provided the FIS point of contact at DOE - Albuquerque with the information needed for the FY cost data transfer. Until such a time as the official transfer takes place, variance analysis is based on PCS data.

This Activity Data Sheet now includes different scope than the one reported in December 1994. Please reference the BCP and the Laboratory's ER Project Action Plan for these changes.

## 1. Significant Problems/Issues/Concerns:

None for this reporting period.

## 2. Corrective Action:

The year-to-date cost variance is due to increased costing to the samples management. The original estimates for sample management assumed that, as the year progressed, costs for this deliverable would be distributed to field units. Therefore, this ADS carries only a small portion of the sample management estimates budget, and it is currently being overrun.

The overrun costs will be recovered from management reserve and field unit estimates that cover sample management. There will be no impact to the overall project since this original estimates included budget for sample management, although assuming a different costing pattern.

## 3. Summary Assessment:

Data collection for the protective barrier plot demonstration continued. Reports on background soil data, surface and subsurface water chemistry, and hydrologic properties are in the final stages of review and revision. A draft of the site-wide hydrological study plan was sent to the NMED for review.

## 4. Cost Status:

## Cost Performance Report:

Current Period: \$80K, or 24.4%

FY to Date: \$(366)K, or -10.1%

## 5. Schedule Status:

## Cost Performance Report:

Current Period: \$(17)K, or -4.9%

FY to Date: \$(156)K, or -4.1%

## 6. Technical Status:

Technical activities continued during the month of June, including refinement of the sample management process.

## 7. Major Accomplishments:

Published a letter report "FY94 Fracture Studies on Pajarito Plateau," Los Alamos National Laboratory, New Mexico; TA-21, TA-54, and Pajarito Mesa (TA-67, TA-15, and TA-36), October 1994.

Published report on "Calibration of Time Domain Reflectometry Soil Water Content Measurements to Include the Influence of Soil Type, Waveguide Length and Freezing," October 1994.

Published a letter report "Bulk and Single Crystal Ar-40/Ar-39 Dating of Basaltic and Silicic Rocks from the Pajarito Plateau," October 1994.

Published report on "Stratigraphic Nomenclature of the Bandelier Tuff for Environmental Restoration Studies at Los Alamos National Laboratory," February 1995.

Published report on "Time Domain Reflectometry Water Content Measurements in Frozen Soils," February 1995.

Published report on "Chemical and Isotopic Variations of Precipitation in the Los Alamos Region", New Mexico, LA-12895-MS, March 1995.

Implemented new electronic data auger for enhanced and more effective sample management, April 1995.

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Narrative (Continued):

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17 boreholes processed, April/May 1995.



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PROJECT MANAGER'S RATINGS

No ratings available.

Reporting Period: 6/1995  
 ADS/TTP #: ALLA-2010- -  
 WBS #: 1.4.2.6.6.10

Title: MIXED WASTE DISPOSAL FACILITY, ET. AL.

Installation: LOS ALAMOS NATIONAL LABORATORY

Category: ER

Project Title: AL LAB ER (MSA)

Program Manager's-- FO: DEBORAH GRISWOLD

(505)845-4752

Start Date: 01/01/1995

HQ: BILL SPURGEON

(301)903-8187

Completion Date: 10/04/1999

B&R Code	ANNUAL TOTALS (\$000)											
	PY	PY	CY	CY	CY	CY	CY	CY	CY	PC	PC	
	End FY 94 Unobl. Bal.	FY 94 Tot. Uncost.Obl.	FY 95 New Obl. Auth.	Total Avail.	FIS Obl. YTD 6/95	Prelim. Obl YTD	FIS Cost YTD 6/95	Prelim. Cost YTD	Proj'd Cur. Yr-End EstCo	End FY 95 Unobl. Bal.	FY 95 Tot. Uncost.Obl.	
OE EW2010202	0	953	6,284	7,237	4,372	0	4,531	0	5,439	371	126	
OE EW2010301	0	125	44	169	32	0	144	0	111	8	3	
Totals:	0	1,078	6,328	7,406	4,404	0	4,675	0	5,550	379	129	

(Preliminary actuals not available; Actuals as of June/95.)

EXPENDITURE RATE (\$000)

MONTH	-----MONTHLY-----						-----CUMULATIVE-----				
	BCWS	BCWP	Prelim	ACWP	SCHED VAR	COST VAR	BCWS	BCWP	ACWP	SCHED VAR	COST VAR
10	309	309	0	309	0	0	309	309	309	0	0
11	422	422	0	422	0	0	731	731	731	0	0
12	559	559	0	559	0	0	1,290	1,290	1,290	0	0
1	514	422	0	225	-92	197	1,804	1,712	1,515	-92	197
2	462	779	0	587	317	192	2,266	2,491	2,102	225	389
3	532	341	0	1,078	-191	-737	2,798	2,832	3,180	34	-348
4	347	234	0	-228	-113	462	3,145	3,066	2,952	-79	114
5	476	162	0	496	-314	-334	3,621	3,228	3,448	-393	-220
6	485	509	0	1,227	24	-718	4,106	3,737	4,675	-369	-938
7	522	---	---	---	---	---	---	---	---	---	---
8	582	---	---	---	---	---	---	---	---	---	---
9	469	---	---	---	---	---	---	---	---	---	---
	<u>5,679</u>	<u>3,737</u>	<u>0</u>	<u>4,675</u>	<u>-369</u>	<u>-938</u>					

Reporting Period: 6/1995

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-----PRIOR YEARS COSTS-----

ACWP	BCWP	BCWS
8,300	8,300	8,300

-----OUT YEAR COSTS-----

FY96	FY97	FY98	FY99	FY00
3,049	2,320	16,076	7,673	0

TOTAL PROJECT PLAN

BAC	43,096	Budgeted Mgmt Reserve	0
EAC	43,096	Remaining Mgmt Reserve	0
TEC	0	Planning Contingency	0
TPC	43,096	Remaining Contingency	0
		Planned R & U	0
		Remaining R & U	0

MILESTONE REPORT

LEV	TITLE	STATUS	PLANNED	FORECAST	ACTUAL	MILE CATEGORY	FLOAT
1	RECEIPT OF FONSI ON EA	Overdue	05/11/1995	08/11/1995	/ /	CAT1	0

COMMENT:

The DOE Management Review Team (MRT) requested this milestone delay.

1	SUBMIT RCRA PERMIT APPLICATION TO NMED AND EPA	Forecast Delay	11/05/1995	06/27/1996	/ /	CAT2	0
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COMMENT:

Milestone delayed due to funding recission.

1	RECEIPT OF NMED/EPA COMPLETENESS REVIEW COMMENTS	Forecast Delay	06/11/1996	11/12/1996	/ /	CAT2	0
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COMMENT:

Reporting Period: 6/1995

ADS/TTP #: ALLA-2010- -

WBS #: 1.4.2.6.6.10

## MILESTONE REPORT Continued

LEV	TITLE	STATUS	PLANNED	FORECAST	ACTUAL	MILE CATEGORY	FLOAT
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COMMENT (cont.)

Milestone delayed due to funding rescission.

1	NODS RECEIVED FROM NMED/EPA	Forecast Delay	02/27/1997	07/17/1997	/ /	CAT2	0
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COMMENT:

Milestone delayed due to funding rescission. This milestone will be replanned in the FY96 rebaselining effort.

1	PERMIT APPLICATION REVIEW 2 COMPLETE	Forecast Delay	10/24/1997	03/23/1998	/ /	CAT2	0
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COMMENT:

Milestone delayed due to funding rescission. This milestone will be replanned in the FY96 rebaselining effort.

1	RECEIPT OF RCRA PERMIT	Forecast Delay	02/28/1998	10/16/1998	/ /	CAT2	0
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COMMENT:

Milestone delayed due to funding rescission. This milestone will be replanned in the FY96 rebaselining effort.

1	FACILITY CONSTRUCTION COMPLETE	Forecast Delay	07/02/1999	03/01/2000	/ /	CAT2	0
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COMMENT:

Milestone delayed due to funding rescission. This milestone will be replanned in the FY96 rebaselining effort.

1	NEPA COMPLETE	Forecast Delay	07/09/1999	12/13/1999	/ /	CAT2	0
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Reporting Period: 6/1995

ADS/TTP #: ALLA-2010- -

WBS #: 1.4.2.6.6.10

LEV	TITLE	STATUS	PLANNED	FORECAST	ACTUAL	MILE CATEGORY	FLOAT
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## COMMENT:

Milestone delayed due to funding recession. This milestone will be replanned in the FY96 rebaselining effort.

1	PROJECT COMPLETE	Forecast Delay	10/04/1999	03/01/2000	/ /	CAT2	0
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## COMMENT:

Milestone delayed due to funding recession. This milestone will be replanned in the FY96 rebaselining effort.

## NARRATIVE

## Narrative

In FY95, the Los Alamos National Laboratory's (Laboratory's) Environmental Restoration (ER) Project submitted Baseline Change Proposal (BCP) LANL-ER-95-002, which included changes to the work breakdown structure. On February 9, 1995, the Laboratory was given direction by the Department of Energy-Albuquerque ER Program Office to use the baseline proposed in the aforementioned BCP for monthly reporting. The Financial Information System (FIS) transferred prior year's costs from the old ADS structure to the new, but failed to move over actual costs incurred FY to date, yielding large artificial cost variances in the PTS data. LANL personnel have provided the FIS point of contact at DOE-Albuquerque with the information needed for the FY cost data transfer. Until such a time as the official transfer takes place, variance analysis is based on PCS data.

## 1. Significant Problems/Issues/Concerns:

All MWDF Facility development activities have been curtailed and the Final Title I Design Summary has been approved by DOE/LAEO. The LANL ER Project will initiate a Mixed Waste Task Force to complete a risk-based evaluation of alternative methodologies which could be used to remediate the mixed waste contaminated sites. Final alternatives recommended by the Task Force will be proposed to regulatory authorities and other stakeholders to ensure

governmental and community consensus. In addition, the LANL Privatization Working Group (PWG) will pursue the privatization of the MWDF in an effort to reduce costs and place the responsibility to design, permit, construct, operate, and close the facility with a commercial enterprise.

Problems and impacts associated with these new strategies (privatization or alternative in-situ methodologies) include the significant probability of delayed remediation of mixed waste contaminated sites at LANL. These delays could be avoided by shipping the contaminated soil and debris to an off-site mixed waste Treatment, Storage and Disposal facility in Utah; however, this cost ranges between ~ \$2,500/cubic yard to ~ \$4,000/cubic yard for wastes which do not meet Land Disposal Restrictions.

These off-site disposal costs would total between ~ \$175M and ~ \$269M for the lowest estimated mixed waste inventory value (e.g., 69,000 cubic yards) at LANL. Costs for alternative mixed waste treatment and disposal methodologies such as Corrective Action Management Units (CAMUs), clay capping/closure or in-situ treatment/closure have not been estimated, but will be addressed in the final comparison of alternatives by the Task Team.

## 2. Corrective Action:

Reporting Period: 6/1995

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## Narrative (Continued):

The out-of-threshold variances are due to contract close-out costs which were not planned to have occurred at this time. Due to the deferrment of design, permitting, and other ES&M activities resulting from the \$900K FY95 funding recision, significant unproductive costs were incurred to support the orderly close-out of these activities.

Costs continue to be incurred in the Project Management category to complete privatization activities as well as the Activity Support category to review in-situ treatment and closure alternatives. The project will be rebaselined as part of the FY96 Programmatic Replanning effort, and these variances will be corrected at this time.

## 3. Summary Assessment:

The Title I Design has been approved by DOE. This document will become the baseline for any future design activities. This final document depicts the revised access road to the facility which avoids any Threatened and Endangered (T&E) species and stays clear of the explosive blast circles. In addition, the design includes the final treatment facility configuration which has been downsized. The TA-67 Site Geotechnical Report has been completed and will be utilized to support any further design and permitting actions. The Draft 100% EA has been submitted to DOE and comments have been received from the MRT. LANL is waiting for further guidance from DOE regarding the continuation of activities related to this document.

## 4. Cost Status:

## Cost Performance Report:

Current Period: \$(718)K, or -141.1%  
FY to Date: \$(938)K, or -25.1%

The Period and FY-to-Date variances exceed the variance thresholds of 10% and \$250K. These overruns are due in part to an accounting error in which \$304K in incorrect charges were costed against the MMDF Project in June '95. These charges will be backed out in the July '95 accounting period. Without these erroneous charges the Cost Variance data would be as follows:

Current Period: \$(417)K, or -82%  
FY to Date: \$(634)K, or -17%

While these variances still exceed thresholds, the majority of these overruns are attributed to non-productive close-out costs associated with the termination or deferrment of MMDF Project design, permitting, and ES&M activities.

## 5. Schedule Status:

## Cost Performance Report:

Current Period: \$24K, or 4.9%  
FY to Date: \$(369), or -9.0%

## 6. Technical Status:

Due to the funding recision, no further changes will be made to the Title I Design prior to final distribution. Therefore, the Administration Building, Treatment Facilities and site layout will remain the same as presented in the April 25, 1995 final Title I design review. In-Situ technologies to treat mixed waste contaminated soils include the immobilization of metals by the injection of chemical fixation agents utilizing large diameter auger systems with chemical pumping systems. These systems could also inject air, nutrients and water to support bioremediation of organics.

Characterization data accumulated during the FY 94 field season has been entered in the FIMAD data base and a new sort for samples containing both Hazardous and Radioactive contaminants has been performed. Approximately 200 analysis indicated the presence of both radioactive and hazardous constituents above the SALs in numerous PRSs. A new waste inventory will be generated from this data which will have much better analytical support data associated with it than any previous inventories.

## 7. Major Accomplishments:

Approval of MMDF Quality Assurance Plan (October 4, 1994).

Submittal of 50% Environmental Assessment to DOE (October 13, 1994).

Commencement of geotechnical field work (October 31, 1994).

Reporting Period: 6/1995

ADS/TTP #: ALLA-2010- -

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Narrative (Continued):

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Transition of project management to DOE-AL/PMD (October 31, 1994).

Completion of site-wide environmental impact survey meetings (October 1994).

Completion of Interim Design Status review (December 14, 1994).

Submittal of Final Cost/Benefit Analysis (December 21, 1994).

Distribution of Draft Title I Design summary (January 13, 1995).

Approval of EES-1 Geologic Quality Assurance Project Plan (January 19, 1995).

Submittal of Treatment BCP (January 23, 1995).

Submittal of 90% EA to DOE (January 25, 1995).

Distribution of Draft Title I Cost Estimate (January 27, 1995).

Completion of Design Basis Review with DOE (February 16, 1995).

Distribution of final Mixed Waste Inventory (February 17, 1995).

Completion of Title I Value Engineering Study (February 28, 1995).

Submitted of 100% Draft EA to DOE, (March 27, 1995).

Project permitting presentation to NMED, (March 27, 1995).

Issued draft Hydrologic Design Assessment, (April 3, 1995).

Issued draft Waste Acceptance Criteria, (April 18, 1995).

Completed final Title I Design Review, (April 25, 1995).

Issued final Geotechnical Report, (April 28, 1995).

Completed EOI for Privatization (May 31, 1995).

Received DOE Approval on Title I Design Summary (June 28, 1995).

Issued Final Waste Acceptance Criteria (June 30, 1995).

Completed Hydrological Source Term Report (June 27, 1995).

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PROJECT MANAGER'S RATINGS

No ratings available.