

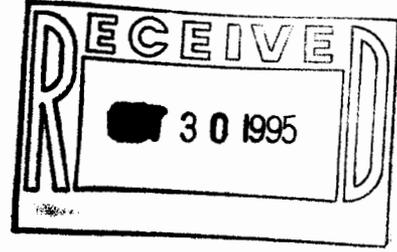
LANL
H>WA General
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Los Alamos

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

Date: October 24, 1995
Refer to: EM/ER:95-598

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LANL ASWD 6/10/95/1A

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 SEPTEMBER 1995**

Dear Ted:

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

The Financial Information System (FIS) data continues to contain 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.

The Laboratory would like to again thank the Los Alamos Area Office for its remarks contained in the review comments for the August PTS Report. As the Laboratory continues its efforts to incorporate the Area Office's comments, we remain confident that the Laboratory's PTS submissions will become the best in the Environmental Restoration arena.

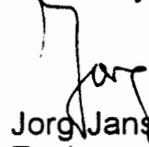


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If you have any questions regarding this information, please call Jim Noel at 5-5737 or Michael Hatfield at 5-8910. Please note that the PTS Report for October 1995 will be based on BCPs 95-013 through 95-023.

Sincerely,



Jorg Jansen
Environmental Restoration

JJ/bp

Enclosure: PTS Monthly Report Diskette

Distribution (w/o enclosures):

T. Baca, EM, MS J591	D. McInroy, EM/ER, MS M992
T. Glatzmaier, DDEES/ER, MS M992	R. Sena, DOE-AL, MS A906
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EM/ER File, MS M992, w/ diskette
RPF, MS M707

Reporting Period: 9/1995

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 GRISWOLD

(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		CY		CY		CY		CY		PC	
	End FY 94 Unobl. Bal.	FY 94 Tot. Uncost.Obl.	FY 95 New Obl. Auth.	Total Avail.	FIS Obl. YTD 9/95	Prelim. Obl YTD	FIS Cost YTD 9/95	Prelim. Cost YTD	Proj'd Cur. Yr-End EstCo	End FY 95 Unobl. Bal.	FY 95 Tot. Uncost.Obl.	
OE EW2010301	0	6,083	9,977	16,060	9,977	0	15,578	0	20,889	0	-3,923	
OE EW2010302	0	130	4,616	4,746	4,616	0	5,206	0	1,770	0	-293	
Totals:	0	6,213	14,593	20,806	14,593	0	20,784	0	22,659	0	-4,216	

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

EXPENDITURE RATE (\$000)

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	1,275	-1,360	-597	8,101	6,741	7,339	-1,360	-598	
2	2,097	2,725	0	2,016	628	709	10,198	9,466	9,355	-732	111	
3	2,361	1,234	0	1,167	-1,127	67	12,559	10,700	10,522	-1,859	178	
4	626	589	0	1,755	-37	-1,166	13,185	11,289	12,277	-1,896	-988	
5	2,431	1,578	0	2,403	-853	-825	15,616	12,867	14,680	-2,749	-1,813	
6	1,356	592	0	1,630	-764	-1,038	16,972	13,459	16,310	-3,513	-2,851	
7	1,146	2,274	0	1,091	1,128	1,183	18,118	15,733	17,401	-2,385	-1,668	
8	1,801	1,875	0	1,178	74	697	19,919	17,608	18,579	-2,311	-971	
9	886	754	0	2,205	-132	-1,451	20,805	18,362	20,784	-2,443	-2,422	
	20,805	18,362	0	20,784	-2,443	-2,422						

Reporting Period: 9/1995

ADS/TTP #: ALLA-2001- -

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-----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	173,054	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:
Completed.

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:
Completed.

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:

Reporting Period: 9/1995

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.)

Completed.

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:

Completed.

1	EPA DRFT OF TA-1 [AGGREGATE (A-J)] RFI REPORT COMPLETE	Overdue	05/15/1995	10/20/1995	/ /	CAT1	0
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COMMENT:

Report is being held up on technical and editorial concerns. New delivery date is October 20, 1995. No Notices of Violation or fines are anticipated on account of this milestone slip.

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:

Completed.

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

Completed.

1	EPA DRAFT OF TA-0 SEPTIC SYSTEM 0-030(G) RFI REPORT COMPLETE	Overdue	05/25/1995	10/11/1995	/ /	CAT1	0
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Reporting Period: 9/1995

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:

Report was sent to the ER Project office on 12 September 1995, and should be out by 11 October 1995. We will initiate discussions with the regulating agencies to establish new milestone delivery dates. No Notices of Violation or fines are anticipated on account of this milestone slip.

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:

Completed.

1	EPA DRAFT OF TA-3 PRS 3-010(A) PHASE II RFI REPORT COMPLETE	Completed	07/07/1995	/ /	04/28/1995	CAT3	0
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COMMENT:

Completed.

1	EPA DRAFT OF TA-21 16.7 [21-018(B)] RFI REPORT COMPLETE	Overdue	07/11/1995	10/04/1995	/ /	CAT1	0
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COMMENT:

This report has been delayed to resolve technical concerns. This issue will be addressed in the replan. We will initiate discussions with the regulating agencies to establish new milestone delivery dates. No Notices of Violation or fines are anticipated on account of this milestone slip.

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

Completed.

1	EPA DRAFT OF TA-10 PHASE I SURFACE RFI REPORT COMPLETE	Completed	07/28/1995	/ /	08/29/1995	CAT1	0
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COMMENT:

Reporting Period: 9/1995

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.)

Completed.

1	EPA DRAFT OF TA-21 16.2 PHASE I RFI REPORT COMPLETE	Overdue	08/17/1995	11/17/1995	/ /	CAT1	0
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COMMENT:

We have requested and received an extension to 17 November 1995 in order to resolve trend data issues. No Notices of Violation or fines are anticipated on account of this milestone slip.

1	EPA DRAFT OF TA-0 SOLVENT UST RFI REPORT COMPLETE	Overdue	09/22/1995	10/16/1995	/ /	CAT1	0
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COMMENT:

Complete data is not yet in, as the extent is still being determined. The report is now forecasted to finish October 16, 1995. We will initiate discussions with the regulating agencies to establish new milestone delivery dates. No Notices of Violation or fines are anticipated on account of this milestone slip.

1	EPA DRAFT OF TA-1 [AGGREGATE (K-P)] RFI REPORT COMPLETE	On Schedule	10/05/1995	/ /	/ /	CAT3	0
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COMMENT:

On schedule.

1	EPA DRAFT OF TA-0 INACTIVE FIRING RANGE (0-016) RFI REPORT COMPLT	Forecast Delay	11/22/1995	04/23/1996	/ /	CAT2	0
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COMMENT:

This activity will not occur. PRS 0-016 will be a Voluntary Corrective Action. This will be addressed in the FY96 re-plan.

1	EPA DRAFT OF TA-10 PHASE 1 SUB-SURFACE RFI REPORT COMPLETE	On Schedule	12/08/1995	/ /	/ /	CAT3	0
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Reporting Period: 9/1995

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:

On schedule.

1	EPA DRAFT OF TAS-3/59/60/61 PHASE I RFI REPORT COMPLETE	Forecast Delay	12/08/1995	04/19/1996	/ /	CAT2	0
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COMMENT:

Forecast completion date being driven by delay in receipt and validation in field work data. Work-around plans will be addressed in the FY 96 Replan. We will initiate discussions with the regulating agencies to establish new delivery dates. No Notices of Violation or fines are anticipated on account of this milestone slip.

2	TA21 DELIVER D&D WP MOD TO EPA PHASE I	On Schedule	01/24/1996	/ /	/ /	CAT3	0
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COMMENT:

On schedule.

1	EPA DRAFT OF TA-10 CENTRAL AREA CMS PLAN COMPLETE	On Schedule	03/29/1996	/ /	/ /	CAT3	0
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COMMENT:

On schedule.

1	EPA DRAFT OF TA-21 16.7 [21-018(A)] RFI REPORT COMPLETE	On Schedule	04/03/1996	/ /	/ /	CAT3	0
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COMMENT:

On schedule.

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:

Reporting Period: 9/1995

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.)

On schedule.

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:

On schedule.

1	EP TA-10: DRAFT CENTRAL AREA CMS DUE TO EPA	On Schedule	07/23/1996	/ /	/ /	CAT3	0
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COMMENT:

On schedule.

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:

On schedule.

1	EPA DRAFT OF TA-21 MDA T DP PHASE I RFI REPORT COMPLETE	Forecast Delay	08/28/1996	01/16/1997	/ /	CAT2	0
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COMMENT:

The planned dates for this milestone will be addressed in the FY96 replan. We will initiate discussions with the regulating agencies to establish new milestone delivery dates. No Notices of Violation or fines are anticipated on account of this milestones slip.

1	EPA DRAFT OF TA-32 PHASE II RFI REPORT COMPLETE	Forecast Delay	10/06/1996	02/10/1997	/ /	CAT2	0
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Reporting Period: 9/1995

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:

The planned dates for this milestone will be addressed in the FY96 replan. We will initiate discussions with the regulating agencies to establish new milestone delivery dates. No Notices of Violation or fines are anticipated on account of this milestone slip.

1	EPA DRAFT OF TA-0 SEPTIC SYSTEM 0-030(ES) RFI REPORT COMPLETE	On Schedule	10/07/1996	/ /	/ /	CAT3	0
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COMMENT:

On schedule.

1	EPA DRAFT OF TA-0 SEPTIC SYSTEM 0-030(F) RFI REPORT COMPLETE	On Schedule	10/22/1996	/ /	/ /	CAT3	0
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COMMENT:

On schedule.

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

On schedule.

1	DRAFT INACTIVE WWTP RFI RPT TO EPA GRP 0-2	On Schedule	01/17/1997	/ /	/ /	CAT3	0
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COMMENT:

On schedule.

1	DRAFT TO EPA DMND/JEMEZ W-LN NOD	On Schedule	02/17/1997	/ /	/ /	CAT3	0
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COMMENT:

Reporting Period: 9/1995

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.)

On schedule.

2	DRAFT TAR SITE RFI REPORT TO EPA	Completed	07/17/1997	/ /	07/25/1995	CAT3	0
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COMMENT:

This RFI report was converted to a VCA report.

NARRATIVE

Narrative

As a result of the change in priorities (i.e., EC/VCA) dictated by ERD/LAAO and the change in definition of assessment versus remediation in the third quarter of the fiscal year, a portion of costs for the Field Units was not properly collected in the last quarter. Subsequently, in order to abide by DOE fiscal year-end requirements, costs were reallocated to the appropriate field unit. This adjustment skewed September cost data in the current period.

Current period cost variances reflect annual end-of-year adjustments that are required of DOE and Laboratory financial restrictions. Fiscal year variances are an accurate reflection of the current project status.

1. Significant Problems/Issues/Concerns:

The volume of PCB contaminated soil at PRS 3-056(c) is at least an order of magnitude greater than the 45 - 100 cu. yd. anticipated. Another high reading (360 ppm) was detected about 25 ft. north of

the chain-link fence surrounding the non-PCB containing capacitor storage area. Samples were collected at 50 ft. intervals in the storm drain channels trending northeast to Sandia Canyon, approximately 220 ft. northeast of the chain link fence. Nine of the eleven sediment samples had PCB contamination from 0.16 to 5.6 ppm. Additional sampling is being conducted to determine the vertical extent of contamination in the soil north of the chain link fence. Excavation of soil on the west side of the site continues.

A 5000 gallon (approx.) UST was discovered by a construction crew on SWMU 0-032, the former Zia Motor Pool facility. The tank was sampled and found to contain mostly water with motor oil and 90 mg/L of TCE, making the mixture a hazardous waste. The contents and UST will be removed in October. The closure falls under Subtitle I since the UST was abandoned in place prior to 1980.

There has been no site activity at SWMU 0-016, the Former Small-Arms Range, pending approval from NMED to transfer the soil to the active firing range at TA-72. Since this approval is now in

Reporting Period: 9/1995

ADS/TTP #: ALLA-2001- -

WBS #: 1.4.2.6.1.1

Narrative (Continued):

question, preparation of a contingency plan to chemically stabilize the lead is under way. A new contaminated area, an old paint spill, was discovered during VCA activities at SWMU 1-003(d), the Can Dump Site.

2. Corrective Action:

The PCB problem is being discussed with the EPA in order to determine how to proceed. We intend to remove the 5000 gallon UST, and its contents. A sampling plan is being prepared for the newly discovered elements at the old can paint spill site.

3. Summary Assessment:

The FY-96 Baseline was completed and reviewed by DOE.

Field Work-RFI Investigations

Data from the 6th Street Warehouse investigation was assessed, and, based on the results, more samples were submitted for analysis.

All hazardous waste drums from SWMU 0-039, the Former Dry Cleaning Solvent Tank site, have been removed.

The flux chamber sampling of the Airport Landfill, SWMU 73-001(a), and Debris Disposal Area, SWMU 73-001(d), was completed.

Field Work-VCA/EC Activities

Voluntary Corrective Action (VCA) activities at the following PRSs were completed in September, 1995:

- 0-032, Storm Drain Line at the Former Zia Motor Pool,
- 1-001(f), Hillside 140,
- 1-003(d), Can Dump Site,
- 3-003(p), former storage yard,

- 3-022, secondary containment for dielectric oil tanks,
- 3-047(d), drum storage area,
- 3-051(c), vacuum pump exhaust stains,
- 19-002, Battery Site Surface Disposal,
- 21-013(c,d,e) surface disposals,
- 21-022(j), former sump,
- 21-024(b,d,h) septic tanks and outfalls,
- C-21-027, former cooling tower,
- 31-001, septic system outfall.

Voluntary Corrective Action (VCA) Reports for the following PRSs were submitted to the DOE in September, 1995:

- 0-032, Storm Drain Line at the Former Zia Motor Pool,
- C-0-036(a,b,c,d), Bandelier National Monument Borrow Pits,
- 1-001(f), Hillside 140,
- 1-003(d), Can Dump Site,
- 3-003(p), former storage yard,
- 3-022, secondary containment for dielectric oil tanks,
- 3-047(d), drum storage area,
- 3-051(c), vacuum pump exhaust stains,
- C-10-001 Bayo Canyon rad-contaminated soil removal,
- 19-002, Battery Site Surface Disposal,
- 21-013 (c,d,e) solid disposal areas,
- 21-022(j) former sump,
- 21-024(d,e,h) septic tanks,
- C-21-027, former cooling tower,
- 31-001 septic system outfall.

RFI Reports

The RFI Report for TA-10, PRSs 10-001(a-d) was sent to the EPA.

Review of data and preparation of summary reports continues for SWMUs 0-030(eN,eS,f).

A Technical Memo updating activities associated with SWMU 0-

Reporting Period: 9/1995

ADS/TTP #: ALLA-2001- -

WBS #: 1.4.2.6.1.1

Narrative (Continued):

031(b) is pending clarification of the status of the RFI report for SWMU 0-031(b).

RFI Reports for the following PRSs are in various stages of preparation:

0-030(g), septic tank at the Old Catholic Church,
 0-039, former Dry Cleaner Solvent USTs,
 TA-1, Aggregates C and D [1-001(b,f,i,k), 1-003(c), 1-004(l), 1-005, 1-006(f,k,p), 1-007(h,i,j,n,p)] ,
 TA-1 Aggregates E and G [1-001(c,g), 1-003(b), 1-006(a,b,c,d,g,n), 1-007(a,b,c)] ,
 TA-1 Aggregates A,B,H,I,J,
 TA-1, Aggregates K-P,
 TA-3, 59, 60, and 61,
 10-001(a-d), Subsurface,
 TA-10 Bayo Canyon, Subsurface [(10-002(a), 10-002(b), 10-003(a-o), 10-004(a), 10-004(b), 10-005, and 10-007)],
 21-015 (MDA B),
 21-016(a,b,c),
 21-028(a), MDA T,
 21-029, DP Tank Farm,
 45-001, 45-002, 45-003, 45-004, 1-002 and AOC C-45-001,
 addendum report for radioactive isotope investigation.

4. Cost Status

Cost Performance Report:

Current Period: \$(1451)K, or -192%

FY to Date: \$(2422), or -13%

Please see the Narrative introductory paragraph for Current Period Variance Analysis.

Field Unit 1 contributed 23 out of the 40 "beans" for the Environmental Restoration Program performance objectives. These Voluntary Corrective Actions (VCAs) were performed either ahead of schedule or out of scope with the baseline, thus contributing to the majority of the cost variance. One

of the major drivers is PRS-016, the inactive firing range. This VCA was originally estimated at \$37K and will cost approximately \$750K due to waste disposal issues. \$275K of this cost has already been invoiced to Field Unit 1 as of the end of September 1995.

5. Schedule Status

Cost Performance Report:

Current Period: \$(132)K, or -15%

FY to Date: \$(2443)K, or -12%

Please refer to the Narrative introductory paragraph for the Current Period Variance Analysis.

Field Unit 1 continues to have a negative schedule variance generated by EDs 3-010(a) and 0-016. These ECs were scheduled to complete in FY95 but have been delayed to FY96. MDA-T-DP was also scheduled to be performed in FY95. It will not be performed because it has since been determined that the MDA-T-DP action is unnecessary. The Bayo Canyon downstream removal has been delayed and 0-030(eN), 0-030(eS), and 0-030(f) have been re-scoped and will be addressed in the FY96 replan. Field Unit 1 mistakenly did not take earned value for 2 LOE activities. This will be corrected in next month's reporting. Some of the other major drivers include:

TA-3 Work Plan 1, Phase 1 which is behind schedule.

21-027a Phase 2 surface investigation, which is waiting on NOD comments from EPA.

21-018a (MDA V) Phase 1 risk assessment, and decision analysis, have been delayed to address technical issues and additional data which has been made available.

The Hillsides Aggregate 1-001(c,d,f): 1-001 d,f have been rescoped due to extent of contamination, and 1-001c Hillsides 138 will not be done this year.

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Narrative (continued):

6. Technical Status:

The FY-96 Baseline was completed and reviewed by DOE. We are awaiting final funding figures and will make adjustments to the baseline as necessary.

Field Work-RFI Investigations

The 6th Street Warehouse investigation focused on assessment of data gathered from samples collected in August. Based on the analytical results received to date, additional analyses were needed and submitted for TAL and TCLP metals, uranium isotopes, and plutonium isotopes. This data is needed to determine if the septic tanks should be left in place or removed. We also need input from DOE since L.A. County is interested in this land as part of a land transfer. No further sampling or excavation was initiated this month. The entire site was inspected daily to ensure that the covered excavations and trailer were secure. The plastic covers over the excavations for septic tanks 0-030(l,m) were also drained of any accumulated water and reinforced or replaced as necessary. Labeling and cataloging of the site photos was started. Draft figures for inclusion in the Field Summary Reports were submitted for drafting. Other field activities at this site included installing a temporary gate in the fence between the school district's storage yard and Warehouses 3 and 4 parking lot in anticipation of rerouting traffic when 6th Street is closed in October to allow sampling.

All hazardous waste drums from SWMU 0-039, the Former Dry Cleaning Solvent Tank site, have been taken to the LANL TSD, TA-54.

The flux chamber sampling of the Airport Landfill, SWMU 73-001(a), and Debris Disposal Area, SWMU 73-001(d), was conducted according to a plan prepared with the guidance of consultant Chuck Schmidt. Preparations for Cone Penetrometer Testing of the Airport Landfill, Debris Disposal Area, and Waste Oil Pit, SWMU 73-001(b), were completed. Field work is planned to begin October 4.

Field Work-VCA/EC Activities

The storm drain line and sumps were removed from PRS 0-032, the Former Zia Motor Pool site. The TPH contaminated pipe was placed in a rolloff bin for off-site disposal, thus completing the VCA Plan. The VCA Report for PRS 0-032 was delivered to the DOE.

The VCA Report for field work at Bandelier National Monument Borrow Pits AOCs C-0-036(a,b,c,d) was submitted to the DOE.

An old paint spill was discovered during VCA activities at SWMU 1-003(d), the Can Dump Site. Samples of the dried paint were analyzed for metals by XRF and for organic compounds by a mobile lab. Weathered paint and contaminated dirt was removed and drummed, and the underlying tuff was sampled. The VCA Report for SWMU 1-003(d) was delivered to the DOE.

Hillside 140, SWMU 1-001(f), was prepared for VCA activities. Uranium contaminated soil was removed, and four B-25 burial boxes were filled and disposed in a pit at MDA-G. The VCA Report for SWMU 1-001(f) was delivered to the DOE. Excavation activities continue at SWMU 3-056(c), the PCB contaminated soil site northeast of TA-3-223. Due to the unexpected increase in contaminated soil volume, excavation activities have continued through the month of September. Since the contaminated soil is going to a RCRA landfill in California, turnaround time for the trucks hauling the soil has been poor. This has increased downtime because we are continually running out of roll-off bins with which to load soil.

Voluntary Corrective Action (VCA) excavation activities have been completed at SWMU 3-003(p), former storage yard, SWMU 3-022, a decommissioned secondary containment for dielectric oil tanks, SWMU 3-047(d), a decommissioned drum storage area, and SWMU 3-051(c), vacuum pump exhaust stains, all at TA-3. The VCA reports

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Narrative (Continued):

were completed and submitted to DOE on September 29, 1995.

VCA field work has been completed at SWMU 19-002, the Battery Site Surface Disposal. In the course of the activities, a new battery disposal area was discovered and cleaned. Approximately 1.5 cu. yd. of battery debris, 2.0 cu. yd. of concrete, and a minor amount of fencing material were removed. Most of the material was taken to the County landfill, and a small portion of the newly discovered battery debris is being held pending final waste characterization results. A VCA Report was completed and submitted to the DOE.

Field work has been completed on VCAs at TA-21 SWMU 21-022(j), location of a former sump, SWMUs 21-024(b,d,h) septic tanks and outfalls, and AOC 21-027, location of a former cooling tower at the south end of Building 3.

Field work has been completed on VCAs done by Kaiser at SWMUs 21-013(c,d,e) surface disposals and SWMU 31-001 septic system outfall.

VCA Reports have been completed for PRSs C-10-001 Bayo Canyon rad-contaminated soil removal, SWMUs 21-013 (c,d,e) solid disposal areas, SWMU 21-022(j) former sump, SWMUs 21-024 (d,e,h) septic tanks, AOC 21-027 former cooling tower, and SWMU 31-001 PCB contaminated outfall.

RFI Reports

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

The final draft of the TA-0, SWMU 0-030(g) RFI report was submitted for final LANL/DOE review in mid-September.

A Technical Memo updating activities associated with SWMU 0-031(b) was submitted for final LANL/DOE review in August. It has been held up by DOE pending clarification of the status of the RFI

report for SWMU 0-031(b).

The TA-0, SWMU 0-039 RFI report is in technical team review.

The RFI report for TA-1, Aggregates C and D [SWMUs 1-001(b,f,i,k), 1-003(c), 1-004(l), 1-005, 1-006(f,k,p), 1-007(h,i,j,n,p)] is in the final stages of production.

The RFI report for TA-1, Aggregates E and G [SWMUs 1-001(c,g), 1-003(b), 1-006(a,b,c,d,g,n), 1-007(a,b,c)] is in the screening assessment phase.

The RFI Report for TA-1, Aggregates A,B,H,I,J is undergoing a final quality check before being sent through LANL/DOE review.

The RFI Report for TA-1, Aggregates K-P is in the quality assessment/quality control phase.

The RFI Report for PRSs at TA 3, 59, 60, and 61 is being drafted. The report will go into technical team review as soon as the ecological screening assessment and the human health risk assessments are completed. Phase II sampling plans are being drafted for PRSs 3-012(b) and 3-014(c2) in this report.

The final draft of the RFI Report for TA-10 SWMUs 10-001(a-d) SURFACE was sent to the EPA September 29. Work has begun on an Addendum to this Report characterizing the risk associated with the shrapnel.

The RFI Report for SWMUs 10-001(a-d), SUBSURFACE is in the initial stages of drafting. The technical team has reviewed the data and is preparing the quality assessment/quality control section of the report.

A data set has been prepared to begin the screening assessment for the TA-10 Bayo Canyon, Subsurface RFI Report (SWMUs 10-002(a), 10-002(b), 10-003(a-o), 10-004(a), 10-004(b), 10-005, and 10-007).

The initial drafts for the RFI Report for SWMU 21-015 (MDA B) and the RFI Report for SWMUs 21-016(a,b,c) and SWMU 21-028(a) (MDA T) have been

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Narrative (Continued):

completed. The technical team is working on data distribution and spatial extent issues that arose during technical team review.

The RFI report for SWMU 21-029 (DP Tank Farm) has been completed and has been through technical team review. The technical team is working on an EC plan for submission with the report.

The RFI addendum report for radioactive isotope investigation at TA-45 SWMUs 45-001, 45-002, 45-003, 45-004, 1-002 and AOC C-45-001 was delivered to DOE in August for review. Completion is pending DOE review comments.

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.

Complete suite of 11 boreholes at the Los Alamos Airport Landfill, SWMU 73-001, February 1995.

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

Complete field summary report for FY-94 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 FY-94 subsurface sampling at TA-10 central area, February 1995.

Completed RFI field investigations for Old Zia Motor Pool, 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 MOD 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 the septic tanks 0-030c and 0-030q. April, 1995

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

Delivered to EPA the MOD Response for RFI Reports 1B, 1C and Addendum 1B-1C (OU 1106). April, 1995

Delivered draft RFI Report for SWMU 3-010a 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.

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Narrative (Continued):

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

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.

A soil gas survey was conducted in June at the airport, SWMU 73-001(a), at the debris disposal area and the waste oil pit. June 1995.

A RCRA metals analysis was performed on soil (backstop berms) from the pistol range, SWMU 0-016. July 1995

The C-0-041 VCA Report was completed and sent to DOE for review. July 1995.

Bandelier National Monument VCA field activities for AOCs C-0-036(a,b,c,d) were completed this month. July 1995.

Located the first septic tank and drain line, SWMU 0-030(l) at 6th Street Warehouse, and collected samples. July 1995.

SWMU 1-001(d) vacuuming of mercury contaminated soils remediation technique demonstrated. July, 1995.

The RFI Work Plan, Addendum 1, for OU 1114 (TA's 3, 59, 60, 61) was delivered to DOE/EPA. July 1995.

Completed and submitted addendum to the 45-Day Report for UST SWMU 21-029 to the NMED UST Bureau. July 1995.

VCA field activities at 1A-21 for SWMU 21-013(e) were completed

this month. July 1995.

Verification samples were collected from the footprint of TA-21-45, Building 4 South. July 1995.

Voluntary corrective action (VCA) plans have been prepared for SWMUs 0-032, 1-001(f), 3-003(p), 3-022, 3-047(d), 3-051(c), 3-056(c), 19-002, 21-024(b,d,h), 21-022(j), and AOCs C-10-001, and C- 21-027. July 1995.

Completed the FY-96 Baseline Replan. August, 1995.

The VCA field work at Bandelier National Monument AOCs C-0-036(a,b,c,d) was completed. August, 1995.

Field work was completed on the VCA for the Bayo Canyon AOC C10-001. August, 1995.

Field work was completed on the VCA at the former TA-31 (SWMU 31-001). August, 1995.

The RFI Report for TA-1 Aggregate F, SWMUs 1-001(d) and 1-006(h) was sent to the EPA. August, 1995.

Completed initial sample collection for SWMU 0-030(l,m), 0-033, and 0-030(b) septic tanks lines and leachfield at 6th St. Warehouse. August, 1995.

EC excavation activities for SWMU 3-056(c) has begun. August, 1995.

The flux chamber sampling of the Airport Landfill, SWMU 73-001(a), and Debris Disposal Area, SWMU 73-001(d), was completed. September, 1995.

Voluntary corrective action (VCA) activities at the following PRS sites were completed in September, 1995:

0-032, Storm Drain Line at the Former Zia Motor Pool,

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Narrative (Continued):

1-001(f), Hillside 140,
1-003(d), Can Dump Site,
3-003(p), former storage yard,
3-022, secondary containment for dielectric oil tanks,
3-047(d), drum storage area,
3-051(c), vacuum pump exhaust stains,
19-002, Battery Site Surface Disposal,
21-013(c,d,e) surface disposals,
21-022(j), former sump,
21-024(b,d,h) septic tanks and outfalls,
C-21-027, former cooling tower,
31-001, septic system outfall.

Voluntary corrective action (VCA) Reports for the following PRS sites were submitted

to the DOE in September, 1995:

0-032, Storm Drain Line at the Former Zia Motor Pool,
C-0-036(a,b,c,d), Bandelier National Monument Borrow Pits,
1-001(f), Hillside 140,
1-003(d), Can Dump Site,
3-003(p), former storage yard,
3-022, secondary containment for dielectric oil tanks,
3-047(d), drum storage area,
3-051(c), vacuum pump exhaust stains,
C-10-001 Bayo Canyon rad-contaminated soil removal,
19-002, Battery Site Surface Disposal,
21-013 (c,d,e) solid disposal areas,
21-022(j) former sump,
21-024(d,e,h) septic tanks,
C-21-027, former cooling tower,
31-001 septic system outfall.

The RFI Report for TA-10, PRSs 10-001(a-d) was sent to the EPA. September, 1995.

DATE PRINTED: 10/24/1995

PTS - PROGRAM MANAGER'S REPORT

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PROJECT MANAGER'S RATINGS

No ratings available.

Reporting Period: 9/1995

ADS/TTP #: ALLA-2002- -

WBS #: 1.4.2.6.1.2

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 9/95	Prelim. Obl YTD	FIS Cost YTD 9/95	Prelim. Cost YTD	Proj'd Cur. Yr-End EstCo	End FY 95 Unobl. Bal.	FY 95 Tot. Uncost.Obl.
OE EW2010301	0	953	8,529	9,482	8,529	0	9,228	0	13,172	0	-571
OE EW2010302	0	125	3,916	4,041	3,916	0	4,142	0	201	0	-177
OE EW2010304	0	0	0	0	0	0	0	0	0	0	0
Totals:	0	1,078	12,445	13,523	12,445	0	13,370	0	13,373	0	-748

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

EXPENDITURE RATE (\$000)

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	729	0	1,904	-372	-1,175	11,795	8,669	11,356	-3,126	-2,687
8	1,102	1,862	0	979	760	883	12,897	10,531	12,335	-2,366	-1,804
9	627	654	0	1,035	27	-381	13,524	11,185	13,370	-2,339	-2,185
	<u>13,524</u>	<u>11,185</u>	<u>0</u>	<u>13,370</u>	<u>-2,339</u>	<u>-2,185</u>					

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

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

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

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	70,059	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:
Complete.

1	EPA DRAFT OF TA-18 FY93 RFI REPORT COMPLETE	Completed	01/30/1995	/ /	01/30/1995	CAT3	0
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COMMENT:
Complete.

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

Reporting Period: 9/1995

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.)

Complete.

1	EPA DRAFT OF TA-39 STORAGE/SEPTIC TANKS RFI REPORT COMPLETE	Completed	04/14/1995	/ /	04/27/1995	CAT1	0
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COMMENT:

Complete.

1	EPA DRAFT OF TA-36 FY94 FIELD WORK RFI REPORT COMPLETE	Completed	05/25/1995	/ /	03/30/1995	CAT3	0
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COMMENT:

Completed.

1	OU 1086 TA-15 R-44/-45 RFI WORK PLAN COMPLETE	Completed	09/13/1995	/ /	05/25/1995	CAT3	0
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COMMENT:

Completed.

1	EPA DRAFT OF TA-18 STORM OUTFALLS RFI REPORT COMPLETE	On Schedule	10/31/1995	/ /	/ /	CAT3	0
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COMMENT:

On schedule.

1	EPA DRAFT OF TA-18 INACTIVE SEPTIC SYSTEM RFI REPORT COMPLETE	On Schedule	10/31/1995	/ /	/ /	CAT3	0
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Reporting Period: 9/1995

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:

On schedule.

1	EPA DRAFT OF TA-18 ACTIVE SEPTIC SYSTEM RFI REPORT COMPLETE	On Schedule	10/31/1995	/ /	/ /	CAT3	0
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COMMENT:

On schedule.

1	EPA DRAFT OF TA-18 FIRING SITES RFI REPORT COMPLETE	Forecast Delay	10/31/1995	02/02/1996	/ /	CAT2	0
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COMMENT:

Baseline date adjusted per EPA. Milestone is slipping due to an overload of the validation team working the analytical data. No Notices of Violation or fines are anticipated on account of this milestone slip.

1	EPA DRAFT OF TA-18 MONITOR WELLS RFI REPORT COMPLETE	On Schedule	10/31/1995	/ /	/ /	CAT3	0
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COMMENT:

On schedule.

1	EPA DRAFT OF TA-15 FY94 FIELD WORK RFI REPORT COMPLETE	On Schedule	12/30/1995	/ /	/ /	CAT3	0
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COMMENT:

On schedule.

1	EPA DRAFT OF TA-14 Q SITE AGGREGATE RFI REPORT COMPLETE	On Schedule	03/13/1996	/ /	/ /	CAT3	0
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COMMENT:

Reporting Period: 9/1995

ADS/TTP #: ALLA-2002- -

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MILESTONE REPORT Continued

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

On schedule.

1	EPA DRAFT OF TA-12 L SITE AGGREGATE RFI REPORT COMPLETE	On Schedule	04/10/1996	/ /	/ /	CAT3	0
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COMMENT:

On schedule.

1	EPA DRAFT OF TA-39 FIRING SITES RFI REPORT COMPLETE	On Schedule	05/30/1996	/ /	/ /	CAT3	0
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COMMENT:

On schedule.

1	EPA DRAFT OF TA-39 LANDFILLS RFI REPORT COMPLETE	On Schedule	06/06/1996	/ /	/ /	CAT3	0
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COMMENT:

On schedule.

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

Sampling complete 11 August 1995.

1	EPA DRAFT OF TA-20 LANDFILLS RFI REPORT COMPLETE	On Schedule	07/26/1996	/ /	/ /	CAT3	0
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Reporting Period: 9/1995

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LEV	TITLE	STATUS	PLANNED	FORECAST	ACTUAL	MILE CATEGORY	FLOAT
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COMMENT:

On schedule.

1	EPA DRAFT OF TA-20 SEPTIC SYSTEMS RFI REPORT COMPLETE	Forecast Early	08/09/1996	03/19/1996	/ /	CAT3	0
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COMMENT:

Forecast early due to accelerated field work.

1	EPA DRAFT OF TA-53 WASTE AREAS RFI REPORT COMPLETE	Forecast Early	08/27/1996	03/19/1996	/ /	CAT3	0
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COMMENT:

Forecast early due to accelerated field work.

1	EPA DRAFT OF TA-36 FY95 FIELD WORK RFI REPORT COMPLETE	Forecast Early	01/15/1997	05/01/1996	/ /	CAT3	0
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COMMENT:

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

1	TA-20/72 FIRING SITES EPA DRAFT COMPLETE RFI REPORT	Forecast Early	02/07/1997	03/19/1996	/ /	CAT3	0
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COMMENT:

All of the EPA Draft Reports are being consolidated, resulting in the anticipated early delivery date.

NARRATIVE

Reporting Period: 9/1995

ADS/TTP #: ALLA-2002- -

WBS #: 1.4.2.6.1.2

Narrative

As a result of the change in priorities (i.e., EC/VCA) dictated by ERD/LAAO and the change in definition of assessment versus remediation in the third quarter of the fiscal year, a portion of costs for the Field Units was not properly collected in the last quarter. Subsequently, in order to abide by DOE fiscal year-end requirements, costs were reallocated to the appropriate field unit. This adjustment skewed September cost data in the current period.

Current period cost variances reflect annual end-of-year adjustments that are required as a result of DOE and Laboratory financial restrictions. Fiscal year variances are an accurate reflection of the current project status.

1. Significant Problems/Issues/Concerns:

Unit 1132:

Samples collected for characterizing 1994 waste drums were requested to have 15-day analytical turnaround time from Sept. 7. No results have been received, yet.

Problems with sampling the talus piles at the firing point cliffs, hand augering was ineffective. Need for sampling will be reevaluated in early October with risk assessment people to determine future action.

Potential problem with lead data at 39-002(a) Area 1. Resampling did not confirm the high lead values, thus EC was put on hold until further analysis evaluation can be undertaken. The probable cause of the high lead levels is that the area used to be a lead brick storage area. Probably surface contamination only.

Pending work by JCI at 30-001(b) MDA Y was held up due to the supplied air trailer not having been inspected for DOT compliance. Back hoe had hydraulic problems. All should be resolved by Oct. 2.

Unit 1100:

The data from the twenty two data packages that were pulled from CST-3 in June and had validated by ICF-KE personnel are currently not accessible in FIMAD. Also, the electronic data packages received by CST-3 from the analytical labs were to be uploaded directly into FIMAD from the SMO computer system. This was not accomplished due to incompatibilities between the two computer systems.

Field sampling of the surface impoundments has been delayed. This is due to the weather preventing the drying of the sludge.

2. Corrective Action:

Field Unit 2 personnel will be working more closely with contract personnel to provide the help need to assess the status of samples noted in paragraph 1.

3. Summary Assessment:

For Unit 1132, the remaining areas to be sampled are:

- Gas-gun site (PRS 39-008)
- Excavated Soil Dump (AOC)
- Landfill test pit sampling.

4. Cost Status

Cost Performance Report:

Current Period: \$(381)K, or -58%
 FY to Date: \$(2185)K, or -20%

The current baseline does not reflect work in process that can be measured against activities within the baseline to report Earned Value. This is primarily due to recent initiatives involved with VCAs. We are also supporting regulatory responses to RFI Reports, EC, and VCA proposals. These redirected priorities cannot be measured against our baseline activities.

Reporting Period: 9/1995

ADS/TTP #: ALLA-2002- -

WBS #: 1.4.2.6.1.2

Narrative (Continued):

Turn-around time for samples and data analysis are still causing delays which do not allow Field Unit 2 to claim Earned Value against our costs. This delay is causing both a schedule and cost variance.

Field Unit 2's performance based on the above is misleading because FU2 is on track with its original cost or spending plan, indicating an effective redirecting of resources. This will be reflected in the FY96 baseline exercise and in the proposed BCP.

5. Schedule Status

Cost Performance Report:

Current Period: \$27K, or 4%

FY to Date: \$(2339)K, or -17%

Please refer to paragraph 4 above for schedule variance analysis.

6. Technical Status

Unit 1132:

Rain during the month delayed sampling on occasion.

JCI will begin digging the test pits at the MDA Y ,39-001(b), the first week in October.

JCI and MK personnel attended training sessions on use of the supplied air respiratory protection system to be used during sampling at 39-001(b).

Unit 1100:

Preparations for sampling of the surface impoundments have been completed. This includes completion of the Health and Safety Plan, filing applications for excavation permits and making the database operational.

Several people are now respirator qualified and a contingency plan is in place should respirators be necessary while sampling the surface

impoundments.

Unit 1085/1086:

The FY95 Pilot Project "Shipping From The Field" has proven to be very successful and trouble free. We are receiving analytical data on FY95 samples within 3 to 4 weeks after the date the samples were shipped. This is attributed to the success of shipping samples directly from the field. The process is cost effective and timely.

Sampling completed at all PRSs at TA-12/67 (42 samples collected).

Sampling completed at all PRSs at TA-14 (74 samples collected).

Sampling completed at all PRSs at TA-15 (170 samples collected @ Firing sites R44 & R45).

A total of ~500 samples were collected at TAs-12/67, 14, & 15.

The FY94 RFI Report is approximately 45% complete.

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/DOE 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.

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

RFI Report for PRS 36-002 due on 16 July 1995 for unit 1130 was submitted ahead of schedule on July 14, 1995.

VCA Plan approved for Unit 1100, PRS 53-010, 20-003(c), August, 1995.

Reporting Period: 9/1995

ADS/TTP #: ALLA-2002- -

WBS #: 1.4.2.6.1.2

Narrative (Continued):

Unit 1100's response to MOD on State Mandated Closure of Sewage Lagoons, August, 1995.

Received approval with modifications for the Units 1085/1086, TA-15, R44/45 sampling and analysis plan for SWMUs 15-006(c), (d), and 15-008(g) from the EPA, August 16, 1995. Note: corrections were made to the Sampling and Analysis Plan. A copy of the corrections was faxed to the EPA to the EPA on August 29, 1995. Completed all scheduled sampling on August 31, 1995.

Unit 1132:

Sampling at the stream channel adjacent to firing site 6 was completed. Sampling at the debris mounds adjacent to firing sites 57 and 7, and the firing pad samples for firing site 7 were completed. Sampling at the stream channel adjacent to firing site 57 was completed, September, 1995.

Completed revisions to the Stormwater Pollution Prevention Plans for TA-39 SWMUs and DX division, September, 1995.

Sampled remaining transect samples on mesa tops - this completed the Firing Site sampling, September, 1995.

As of Sept. 28, 81% of the RFI samples have been taken. This does not include landfill test pits.

Unit 1100:

Two VCA's, 53-010 and 20-003(c) were completed, September, 1995.

Unit 1093:

VCA for PRS 18-001(a) and Expedited Clean-up for PRS 18-001(b) were completed September 15, 1995.

Unit 1085/1086:

Completed sampling activities ahead of schedule for TA-15, R44 & R45 Firing Sites, September, 1995.

Initial field screening at R44 indicates elevated Rad., Du, Be, and Pb present. Further field screening activities will be conducted, September,

1995.

Because our field sampling program depends on field screening results for accurately determining the samples that will be shipped for fixed lab analysis, it is imperative to ensure the accuracy of field screening activities/instruments. Therefore, we conducted an Inter Calibration Exercise of the XRF, using standard reference material, also between the XRF and the LIBS. These quality checks proved to be very accurate and beneficial, September, 1995.

XRF analysis activities were conducted on every soil sample collected. The process and results were extremely successful, September, 1995.

Approximately 30% of collected samples were submitted to a fixed lab for analysis. We have received 100% of analytical data back for the samples that were submitted to the lab before August 31, September, 1995.

Properly disposed of three 55 gallon barrels of RFI generated waste water collected during field activities, September, 1995.

DATE PRINTED: 10/24/1995

PTS - PROGRAM MANAGER'S REPORT

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Reporting Period: 9/1995

ADS/TTP #: ALLA-2002- -

WBS #: 1.4.2.6.1.2

PROJECT MANAGER'S RATINGS

No ratings available.

Reporting Period: 9/1995
 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 GRISWOLD

(505)845-4752

Start Date: 01/01/1995

HQ: BILL SPURGEON

(310)903-8187

Completion Date: 09/29/2004

B&R Code	ANNUAL TOTALS (\$000)											
	PY		CY		CY		CY		CY		PC	
	End FY 94 Unobl. Bal.	FY 94 Tot. Uncost.Obl.	FY 95 New Obl. Auth.	Total Avail.	FIS Obl. YTD 9/95	Prelim. Obl YTD	FIS Cost YTD 9/95	Prelim. Cost YTD	Proj'd Cur. Yr-End EstCo	End FY 95 Unobl. Bal.	FY 95 Tot. Uncost.Obl.	
OE EW2010202	0	0	126	126	126	0	126	0	0	0	0	
OE EW2010301	0	2,137	1,492	3,629	1,492	0	3,303	0	5,682	0	993	
OE EW2010302	0	0	3,073	3,073	3,073	0	3,248	0	0	0	0	
OE EW2010304	0	0	4	4	4	0	-126	0	0	0	0	
Totals:	0	2,137	4,695	6,832	4,695	0	6,551	0	5,682	0	993	

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

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	138	-131	497	2,016	1,885	1,580	-131	305	
2	660	747	0	519	87	228	2,676	2,632	2,099	-44	533	
3	740	543	0	287	-197	256	3,416	3,175	2,386	-241	789	
4	481	242	0	488	-239	-246	3,897	3,417	2,874	-480	543	
5	579	466	0	283	-113	183	4,476	3,883	3,157	-593	726	
6	594	361	0	371	-233	-10	5,070	4,244	3,528	-826	716	
7	547	555	0	224	8	331	5,617	4,799	3,752	-818	1,047	
8	595	592	0	356	-3	236	6,212	5,391	4,108	-821	1,283	
9	491	725	0	2,443	234	-1,718	6,703	6,116	6,551	-587	-435	

Reporting Period: 9/1995

ADS/TTP #: ALLA-2003- -

WBS #: 1.4.2.6.1.3

EXPENDITURE RATE (\$000) Continued

MONTH	-----MONTHLY-----						-----CUMULATIVE-----				
	BCWS	BCWP	Prelim	ACWP	SCHED VAR	COST VAR	BCWS	BCWP	ACWP	SCHED VAR	COST VAR
	<u>6,703</u>	<u>6,116</u>	<u>0</u>	<u>6,551</u>	<u>-587</u>	<u>-435</u>					
-----PRIOR YEARS COSTS-----			-----OUT YEAR COSTS-----								
ACWP	BCWP	BCWS		FY96	FY97	FY98	FY99	FY00			
12,301	12,301	12,301		6,050	5,382	7,135	6,113	5,304			

TOTAL PROJECT PLAN

BAC	62,603	Budgeted Mgmt Reserve	0
EAC	51,497	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:
Completed.

1	EPA DRAFT OF TA-33 FY93 SG 1 PHASE II RFI REPORT COMPLETE	Completed	04/18/1995	/ /	09/29/1995	CAT1	0
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COMMENT:

Reporting Period: 9/1995

ADS/TTP #: ALLA-2003- -

WBS #: 1.4.2.6.1.3

MILESTONE REPORT Continued

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

Completed.

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

Completed.

1	EPA DRAFT OF TA-33 FY93 SG1 MDA K RFI REPORT COMPLETE	Completed	07/24/1995	/ /	09/29/1995	CAT1	0
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COMMENT:

Completed.

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

On schedule.

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

On schedule.

1	SG2 EPA DRAFT REPORT COMPLETE	On Schedule	01/23/1997	/ /	/ /	CAT3	0
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Reporting Period: 9/1995

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:

On schedule.

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

On schedule.

NARRATIVE

Narrative

As a result of the change in priorities (i.e., EC/VCA) dictated by ERD/LAAO and the change in definition of assessment versus remediation in the third quarter of the fiscal year, a portion of costs for the Field Units was not properly collected in the last quarter. Subsequently, in order to abide by DOE fiscal year-end requirements, costs were reallocated. This adjustment skewed September cost data in the current period.

Current period cost variances reflect annual end-of-year adjustments that are required as a result of DOE and Laboratory financial restrictions. Fiscal year variances are an accurate reflection of the current ER project status.

1. Significant Problems/Issues/Concerns:

We still have concerns about delayed analytical booking from CST3. Schedule variances are due to delays in receiving analytical data.

2. Corrective Action:

The year-end adjustments have alleviated the variances. Improved tracking and booking of costs are expected to reduce the variances.

3. Summary Assessment:

Two VCAs were completed, one at TA-33, and one at TA-16. Two RFI Reports covering 18 PRSs were completed and submitted to DOE for transmittal to EPA. Sampling activities are ongoing at TA-16. Analytical data from the 1994 sampling campaign at TA-46 has been received. Based on a preliminary review of the data packages, there is contamination above SALs at both TAs.

Preliminary decisions have been made for eighteen PRSs at TA-33, which are being written into RFI report format.

Data assessment is in progress for RFI reports for the 1994 sampling campaigns at TA-35 and 46. Plans for VCAs at TA-33 are being prepared.

4. Cost Status:

Cost Performance Report:

Current Period: \$(1718)K, or -237%
 FY to Date: \$(435)K, or -7%

Reporting Period: 9/1995
ADS/TTP #: ALLA-2003- -
WBS #: 1.4.2.6.1.3

Narrative (Continued):

Please refer to Narrative section introductory paragraph for Current Period variance analysis.

5. Schedule Status:

Cost Performance Report:

Current Period: \$234K, or 48%
FY to Date: \$(587)K, or -9%

Please refer to Narrative section introductory paragraph for Current Period variance analysis.

6. Technical Status:

Drilling into the densely-welded tuff at TA-16 proved difficult, and led to delays and increased costs.

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.

Completed FY96 Replan, August 1995.

EPA Draft TA33 SG1 and TA33 MDA-K & SG2 RFI Reports complete, September, 1995.

Submitted 4 VCA reports, September, 1995.

DATE PRINTED: 10/24/1995

PTS - PROGRAM MANAGER'S REPORT

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Reporting Period: 9/1995

ADS/TTP #: ALLA-2003- -

WBS #: 1.4.2.6.1.3

PROJECT MANAGER'S RATINGS

No ratings available.

Reporting Period: 9/1995
 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		CY		CY		CY		CY		PC	
	End FY 94 Unobl. Bal.	FY 94 Tot. Uncost.Obl.	FY 95 New Obl. Auth.	Total Avail.	FIS Obl. YTD 9/95	Prelim. Obl YTD	FIS Cost YTD 9/95	Prelim. Cost YTD	Proj'd Cur. Yr-End EstCo	End FY 95 Unobl. Bal.	FY 95 Tot. Uncost.Obl.	
OE EW2010301	0	757	6,187	6,944	6,187	0	6,926	0	8,515	0	1,863	
OE EW2010302	0	0	3,435	3,435	3,435	0	3,399	0	0	0	0	
Totals:	0	757	9,622	10,379	9,622	0	10,325	0	8,515	0	1,863	

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

EXPENDITURE RATE (\$000)

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	893	0	651	4	242	8,349	9,088	7,352	739	1,736
8	943	868	0	1,168	-75	-300	9,292	9,956	8,520	664	1,436
9	1,087	1,709	0	1,805	622	-96	10,379	11,665	10,325	1,286	1,340
	<u>10,379</u>	<u>11,665</u>	<u>0</u>	<u>10,325</u>	<u>1,286</u>	<u>1,340</u>					

Reporting Period: 9/1995

ADS/TTP #: ALLA-2004- -

WBS #: 1.4.2.6.1.4

-----PRIOR YEARS COSTS-----			-----OUT YEAR COSTS-----				
ACWP	BCWP	BCWS	FY96	FY97	FY98	FY99	FY00
11,510	11,510	11,510	7,611	6,006	4,825	12,853	28,961

TOTAL PROJECT PLAN

BAC	201,723	Budgeted Mgmt Reserve	0
EAC	190,880	Remaining Mgmt Reserve	0
TEC	0	Planning Contingency	0
TPC	201,723	Remaining Contingency	0
		Planned R & U	0
		Remaining R & U	0

LEV	TITLE	MILESTONE REPORT					MILE CATEGORY	FLOAT
		STATUS	PLANNED	FORECAST	ACTUAL			
1	EPA DRAFT OF TA-48 PHASE I RFI REPORT COMPLETE	Completed	08/30/1995	/ /	08/30/1995	CAT3	0	

COMMENT:
Completed.

1	EPA DRAFT OF TA-35 PHASE 1 RFI REPORT COMPLETE	Forecast Delay	10/16/1995	03/28/1996	/ /	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, resulting in milestone delays. The outstanding analytical data is being aggressively expedited and should result in the forecast delay being reduced. We will initiate discussions with the regulating agencies to establish new milestone delivery dates. No Notices of Violation or fines are anticipated on account of this milestone slip.

1	EPA DRAFT OF CANYONS CORE RFI WORK PLAN COMPLETE	Forecast Delay	10/30/1995	08/02/1996	/ /	CAT2	0
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COMMENT:

Reporting Period: 9/1995

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 11/30/95. 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). We will conduct discussions with the regulating agencies to establish new milestone delivery dates. No Notices of Violation or fines are anticipated on account of this milestone slip.

3	EP TA35: EPA DFT PH1 RPT/PH2 SAP CMPL AGG. S,T,U,V,W	Forecast Delay	01/18/1996	04/25/1996	/ /	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, resulting in milestone delays. The outstanding analytical data is being aggressively expedited and should result in the forecast delay being reduced. We will initiate discussions with the regulating agencies to establish new milestone delivery dates. No Notices of Violation or fines are anticipated on account of this milestone slip.

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

On schedule.

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

On schedule.

1	EPA DRAFT OF TA-48 (AGGREGATE K,L,M,N,X,Y) RFI REPORT COMPLETE	On Schedule	08/27/1996	/ /	/ /	CAT3	0
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COMMENT:

Reporting Period: 9/1995

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 schedule.

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

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	07/22/1996	/ /	CAT3	0
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COMMENT:

The samples that are being analyzed at TA-41 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.

NARRATIVE

Narrative

As a result of the change in priorities (i.e., EC/VCA) dictated by ERD/LAEO and the change in definition of assessment versus remediation in the third quarter of the fiscal year, a portion of costs for the Field Units was not properly collected in the last quarter. Subsequently, in order to abide by DOE fiscal year-end requirements, costs were reallocated to the appropriate field unit. This adjustment skewed September cost data in the current period.

Current period cost variances reflect annual end-of-year adjustments that are required as a result of DOE and Laboratory financial restrictions.

Fiscal year variances are an accurate reflection of the current project status.

1. Significant Problems/Issues/Concerns:

None.

2. Corrective Action

None.

3. Summary Assessment

Having completed all field sampling for the FY95 campaign, the effort now

Reporting Period: 9/1995

ADS/TTP #: ALLA-2004- -

WBS #: 1.4.2.6.1.4

Narrative (Continued):

focuses on the production of RFI reports after receipt and assessment of analytical data. The recommendations in the RFI reports will advise the program of further actions. These actions include NFA recommendations as well as candidates for EC/VCA/CMS. Work on the Los Alamos Canyon Work Plan is progressing in lieu of the more costly core document causing a major portion of the BCWS/BCWP/ACWP discrepancies. The mercury spill EC encountered some difficulties but progressed satisfactorily. Delays are being experienced in the receipt of analytical results and the outstanding items are being expedited. More recent sample submissions will have shorter turn around times due to the newly installed electronic data systems (EDS).

4. Cost Status

Cost Performance Report:

Current Period: \$(96)K, or -6%
 FY to Date: \$1340K, or 11%

The irregularity in receiving analytical costs has produced a higher than planned actual cost in the current period for September 95.

Due to the replacement of the canyons core document by the Los Alamos Canyon Work Plan and the inherent lower cost of the work plan, the actual costs are lower than originally scheduled at the FY to Date level. The efficiencies realized for TA-2 and TA-41 Field Work also contributed to the lower overall actual costs.

5. Schedule Status

Cost Performance Report:

Current Period: \$622K, or 57%
 FY to Date: \$1286K, or 12%

Due to efficiencies effected by equipment and scheduling efforts in the field operations, the project forged ahead of schedule in September '95. The completion of ECs contributed to the increase in BCWP for the month.

Modifications to drilling equipment allowed substantial savings in time and money by allowing the surface and subsurface sampling to be performed concurrently. This more than offset the loss of BCWP due to the replacement of the higher costed core document by the Los Alamos Canyon Work Plan.

6. Technical Status

Phase 2 field work for TA-48 has been down scaled and rescheduled for FY96.

Phase 2 field work for TA- 52, 55, and 63, has also been down scaled and rescheduled for FY96. Due to recent requirements for the continued characterization of the canyons the above two phased field activities were replaced by the continuing collection and analysis of Baseline sediment, soil and water samples. The Los Alamos Canyon Work Plan was continued in lieu of the more costly canyons core document. Due to the use of an attachment designed to aid of capabilities of the hand auger, the surface and subsurface field campaign for TA's 2 and 41 were done concurrently, realizing savings to the original plan.

7. Major Accomplishments

Completed sampling at Aggregate S (October 1994).

Completed 3rd quarter baseline sampling (January 1995).

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

Reporting Period: 9/1995

ADS/TTP #: ALLA-2004- -

WBS #: 1.4.2.6.1.4

Narrative (Continued):

Completed sampling at Aggregate Q (May 1995).

Completed 4th quarter baseline sampling (May 1995).

Received EPA final approval to OU 1129 Work Plan Addendum (May 1995).

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

Completed field work in TA 4 & 5 and TA 52, 55, and 63 (July 1995).

Mercury spill EC Advance Notice to EPA submitted (July 1995).

DATE PRINTED: 10/24/1995

PTS - PROGRAM MANAGER'S REPORT

Page: 40

Reporting Period: 9/1995

ADS/TTP #: ALLA-2004- -

WBS #: 1.4.2.6.1.4

PROJECT MANAGER'S RATINGS

No ratings available.

Reporting Period: 9/1995
 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 9/95	Prelim. Obl YTD	FIS Cost YTD 9/95	Prelim. Cost YTD	Proj'd Cur. Yr-End EstCo	End FY 95 Unobl. Bal.	FY 95 Tot. Uncost.Obl.
OE EW2010301	0	3,152	4,662	7,814	4,662	0	7,387	0	13,149	0	-3,327
OE EW2010302	0	0	2,111	2,111	2,111	0	2,368	0	133	0	-31
OE EW2010304	0	0	0	0	0	0	60	0	0	0	0
Totals:	0	3,152	6,773	9,925	6,773	0	9,815	0	13,282	0	-3,358

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

EXPENDITURE RATE (\$000)

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	979	0	621	459	358	8,853	6,441	8,473	-2,412	-2,032
8	562	573	0	1,377	11	-804	9,415	7,014	9,850	-2,401	-2,836
9	509	765	0	-35	256	800	9,924	7,779	9,815	-2,145	-2,036
	9,924	7,779	0	9,815	-2,145	-2,036					

Reporting Period: 9/1995

ADS/TTP #: ALLA-2005- -

WBS #: 1.4.2.6.1.5

-----PRIOR YEARS COSTS-----			-----OUT YEAR COSTS-----				
ACWP	BCWP	BCWS	FY96	FY97	FY98	FY99	FY00
22,668	22,668	22,668	7,797	7,263	7,844	3,331	1,769

TOTAL PROJECT PLAN

BAC	200,494	Budgeted Mgmt Reserve	0
EAC	172,861	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	10/23/1995	/ /	CAT1	0

COMMENT:

The analytical data has been received. The recovery is scheduled for December 1995. We will initiate discussions with the regulating agencies to establish new milestone delivery dates. No Notices of Violation or fines are anticipated on account of this milestone slip.

1	EPA DRAFT OF TA-6,-8,-9,-22,-23,-40 RFI REPORT COMPLETE	Overdue	04/21/1995	11/14/1995	/ /	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. We will initiate discussions with the regulating agencies to establish new milestone delivery dates. No Notices of Violation or fines are anticipated on account of this milestone slip.

1	EPA DRAFT OF TA-50 SOIL SAMPLING RFI REPORT COMPLETE	Overdue	05/18/1995	10/27/1995	/ /	CAT1	0
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COMMENT:

Reporting Period: 9/1995

ADS/TTP #: ALLA-2005- -

WBS #: 1.4.2.6.1.5

MILESTONE REPORT Continued

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

COMMENT (cont.)

Delayed by multiple factors. Recovery is scheduled for October 1995. We will initiate discussions with the regulating agencies to establish new milestone delivery dates. No Notices of Violation or fines are anticipated on account of this milestone slip.

1	EPA DRAFT OF TA-54 (PSGS) RFI REPORT COMPLETE	Overdue	06/06/1995	12/22/1995	/ /	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. We are working towards completion of the RFI Report, but no firm recovery date has been scheduled at this time. We will initiate discussions with the regulating agencies to establish new milestone delivery dates. No Notices of Violation or fines are anticipated on account of this milestone slip.

1	EPA DRAFT OF TA-50 SHALLOW BORING RFI REPORT COMPLETE	Overdue	09/11/1995	03/07/1996	/ /	CAT1	0
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COMMENT:

Work on VCAs and ECs has diverted resources from activities that restrain this milestone. We will initiate discussions with the regulating agencies to establish new milestone delivery dates. No Notices of Violation or fines are anticipated on account of this milestone slip.

1	EPA DRAFT OF TA-8 SHALLOW BORING RFI REPORT COMPLETE	Forecast Delay	12/01/1995	01/25/1996	/ /	CAT2	0
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COMMENT:

Work on VCAs and ECs has diverted resources from activities that restrain this milestone. We will initiate discussions with the regulating agencies to establish new milestone delivery dates. No Notices of Violation or fines are anticipated on account of this milestone slip.

1	REVISED TA-8 SHALLOW BORING RFI REPORT COMPLETE	Forecast Delay	01/17/1996	03/07/1996	/ /	CAT2	0
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COMMENT:

Reporting Period: 9/1995

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.)

Work on VCAs and ECs has diverted resources from activities that restrain this milestone. We will initiate discussions with the regulating agencies to establish new milestone delivery dates. No Notices of Violation or fines are anticipated on account of this milestone slip.

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

On schedule.

1	EPA DRAFT OF TA-49 AREAS 1,3,6,10,12 RFI REPORT COMPLETE	On Schedule	03/20/1996	/ /	/ /	CAT3	0
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COMMENT:

On schedule.

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

On schedule.

3	EPA DRAFT OF TA-9 MDA M EXPEDITED CLEANUP REPORT COMPLETE	On Schedule	04/15/1996	/ /	/ /	CAT3	0
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COMMENT:

On schedule.

1	EPA DRAFT OF TA-49 AREA 2,2A,2B RFI REPORT COMPLETE	On Schedule	06/03/1996	/ /	/ /	CAT3	0
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Reporting Period: 9/1995

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:
On schedule.

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

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

2	WATER RUNOFF EPA DRAFT REPORT COMPLETE RFI PHASE I	On Schedule	02/04/1997	/ /	/ /	CAT3	0
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COMMENT:
On schedule.

NARRATIVE

Narrative

As a result of the change in priorities (i.e., EC/VCA) dictated by ERD/LAAO and the change in definition of assessment versus remediation in the third quarter of the fiscal year, a portion of costs for the Field Units was not properly collected in the last quarter. Subsequently, in order to abide by DOE fiscal year-end requirements, costs were reallocated to the appropriate

field unit. This adjustment skewed September cost data in the current period.

Current period cost variances reflect annual end-of-year adjustments that are required as a result of DOE and Laboratory financial restrictions. Fiscal year variances are an accurate reflection of the current project status.

Reporting Period: 9/1995

ADS/TTP #: ALLA-2005- -

WBS #: 1.4.2.6.1.5

Narrative (Continued):

1. Significant Problems/Issues/Concerns:

There are no problems/issues/concerns that appear likely to affect the performance of this ADS.

2. Corrective Action:

None.

3. Summary Assessment:

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

- o voluntary corrective actions and expedited cleanups at TAs 6, 9, and 22.
- o preparation of RFI reports
 - soil sampling
 - selected PRSs in TAs 6,8,9 and 40
 - steam channel sediment in TA-54,
- o regular monitoring
 - pore gas for the MDA L plume at TA-54,
- o Pilot extraction at the MDA L plume.

4. Cost Status

Cost Performance Report:

Current Period: \$800K, or 105%
 FY to Date: \$(2036)K, or -26%

The out-of-threshold variances at the FY to Date level are still caused by the transfer of resources for work on VCAs and ECs. 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 variance. These difficulties will be corrected with the re-planning effort.

5. Schedule Status

Cost Performance Report:

Current Period: \$256K, or 50%
 FY to Date: \$(2145)K, or -22%

See paragraph 4 above for VAR.

6. Technical Status:

Pilot extraction of the plume at MDAL began this month. Extraction will continue for 3-4 weeks. A contract was awarded for the cleanup of MDA M, SWMU 9-013.

The first draft of the RFI Report for channel sediment sampling at TA-54 is in progress.

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

Drilling began at MDA G (TA-54). Seventeen holes adjacent to disposal pits are planned for this campaign.

Started the first draft of the RFI Report for shallow boring at TA-50.

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.

Reporting Period: 9/1995

ADS/TTP #: ALLA-2005- -

WBS #: 1.4.2.6.1.5

Narrative (Continued):

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.

EC Plan for 8-003(a) septic tank was submitted to the EPA.

July 1995

Phase I drilling at MDA H was completed.

Drilling and sampling at TA-40 was completed.

Soil sampling at decommissioned building sites (TA-06) was completed. EC Plans for 22-015(c), plating bath outfall, and 9-013(MDA-M) were submitted to the EPA.

August 1995

Field Work at TA-06, Building Sites, was completed.

Removal of Chemical Waste Tank, Verification Sampling and Sample Analysis at TA-57 were completed.

September 1995

Drilling at MDA C (TA-50) was completed.

The draft RFI Report for soil sampling at TA-50 was completed and issued for internal reviews.

DATE PRINTED: 10/24/1995

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Reporting Period: 9/1995

ADS/TTP #: ALLA-2005- -

WBS #: 1.4.2.6.1.5

PROJECT MANAGER'S RATINGS

No ratings available.

Reporting Period: 9/1995
 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 9/95	Prelim. Obl YTD	FIS Cost YTD 9/95	Prelim. Cost YTD	Proj'd Cur. Yr-End EstCo	End FY 95 Unobl. Bal.	FY 95 Tot. Uncost.Obl.
OE EW2010202	0	68	1,094	1,162	1,094	0	1,217	0	980	0	1,090
OE EW2010302	0	0	702	702	702	0	0	0	0	0	0
Totals:	0	68	1,796	1,864	1,796	0	1,217	0	980	0	1,090

(Preliminary actuals not available; Actuals as of September/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	258	-178	-158	553	375	341	-178	34
2	145	321	0	77	176	244	698	696	418	-2	278
3	133	86	0	110	-47	-24	831	782	528	-49	254
4	21	36	0	65	15	-29	852	818	593	-34	225
5	93	53	0	168	-40	-115	945	871	761	-74	110
6	127	10	0	100	-117	-90	1,072	881	861	-191	20
7	65	83	0	65	18	18	1,137	964	926	-173	38
8	156	71	0	35	-85	36	1,293	1,035	961	-258	74
9	147	132	0	256	-15	-124	1,440	1,167	1,217	-273	-50
	1,440	1,167	0	1,217	-273	-50					

Reporting Period: 9/1995

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	24,012	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	Completed	03/21/1995	/ /	08/24/1995	CAT1	0

COMMENT:
Complete.

3	OU 1127 CLOSURE COMPLETE	Overdue	03/21/1995	10/02/1995	/ /	CAT1	0
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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. The Closure Plan has been verbally approved as of 4 August 1995. Anticipated mobilization for closure activities is on 4 November. We will initiate discussions with the regulating agencies to establish new milestone delivery dates.

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

Reporting Period: 9/1995
 ADS/TTP #: ALLA-2006- -
 WBS #: 1.4.2.6.1.6

MILESTONE REPORT Continued

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

On schedule.

NARRATIVE

Narrative

As a result of the change in priorities (i.e., EC/VCA) dictated by ERD/LAAO and the change in definition of assessment versus remediation in the third quarter of the fiscal year, a portion of costs for the Field Units was not properly collected in the last quarter. Subsequently, in order to abide by DOE fiscal year-end requirements, costs were reallocated to the appropriate field unit. This adjustment skewed September costs data in the current period.

Current period costs variances reflect annual end-of-year adjustments that are required as a result of DOE and Laboratory financial restrictions. Fiscal year variances are an accurate reflection of the current project status.

1. Significant Problems/Issues/Concerns:

NMED has not completed review of the TA-35 Amended Closure Plan or the MDA-P Closure Plan.

2. Corrective Action:

LANL will do its best to recover the schedule once the delayed documents are received, but since the source

of the Schedule Variance is the NMED, any corrective action is largely outside of LANLs control.

3. Summary Assessment:

TA-35 Closure: Sample locations were located and surveyed in preparation for mobilization for field work when the closure plan is approved.

MDA-P Closure: Work on internal regulatory tasks is mostly complete. Baseline soil sampling is in progress. Relocation of the power line that crosses the MDA-P Waste Pile is still underway, but has been stalled.

4. Cost Status:

Cost Performance Report:

Current Period: \$(124)K, or -94%
 FY to Date: \$(50)K, or -4%

Please refer to the introductory paragraph of the narrative section for discussion of the current period variance.

5. Schedule Status:

Reporting Period: 9/1995

ADS/TTP #: ALLA-2006- -

WBS #: 1.4.2.6.1.6

Narrative (Continued):

Cost Performance Report:

Current Period: \$(15)K, or -10%
FY to Date: \$(273)K, or -19%

The out-of-threshold schedule variances are largely caused by the work delays 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' control.

6. Technical Assessment:

MDA-P Closure: The subcontractor selected to complete this task bid approximately \$20K BELOW the FSS Division and JCI estimates for this work. This task should be completed at 75% of the baseline estimate for this activity.

7. Major Accomplishments:

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

Completed cleanup of the east burn area. December 1994.

Submitted draft Closure Plan for MDA-P to NMED. February 1995.

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

Back-filled TA-40 site. February 1995.

Distributed draft TA-40 Closure Plan for internal review. February 1995.

Completed Laboratory review of Health & Safety Plan. March 1995.

Completed Laboratory review of Waste Management Plan. March 1995.

Submitted TA-40 Closure Report to NMED. March 1995.

Submitted comments on NMEDs TA-35, TSL-85 Draft Amended Closure Plan. May 1995.

Final Health & Safety Plan completed. May 1995.

Received NMED approval of TA-40 Closure Report. August 1995.

DATE PRINTED: 10/24/1995

PTS - PROGRAM MANAGER'S REPORT

Page: 53

Reporting Period: 9/1995

ADS/TTP #: ALLA-2006- -

WBS #: 1.4.2.6.1.6

PROJECT MANAGER'S RATINGS

No ratings available.

Reporting Period: 9/1995

ADS/TTP #: ALLA-3001- -

WBS #: 1.4.2.6.2.1

Title: DECONTAMINATION AND DECOMMISSIONING

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: 10/02/2002

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 9/95	Prelim. Obl YTD	FIS Cost YTD 9/95	Prelim. Cost YTD	Proj'd Cur. Yr-End EstCo	End FY 95 Unobl. Bal.	FY 95 Tot. Uncost.Obl.	
OE EW2010401	0	791	151	942	151	0	995	0	1,785	0	328	
OE EW2010402	0	538	4,792	5,330	4,792	0	2,853	0	3,337	0	613	
OE EX2010401	0	250	419	669	419	0	555	0	953	0	175	
OE EX2010402	0	42	2,050	2,092	2,050	0	1,145	0	873	0	161	
Totals:	0	1,621	7,412	9,033	7,412	0	5,548	0	6,948	0	1,277	

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

EXPENDITURE RATE (\$000)

MONTH	-----MONTHLY-----						-----CUMULATIVE-----					
	BCWS	BCWP	Prelim	ACWP	SCHED VAR	COST VAR	BCWS	BCWP	ACWP	SCHED VAR	COST VAR	
10	425	425	0	306	0	119	425	425	306	0	119	
11	463	463	0	545	0	-82	888	888	851	0	37	
12	327	327	0	330	0	-3	1,215	1,215	1,181	0	34	
1	1,082	1,591	0	618	509	973	2,297	2,806	1,799	509	1,007	
2	848	-53	0	861	-901	-914	3,145	2,753	2,660	-392	93	
3	1,406	573	0	480	-833	93	4,551	3,326	3,140	-1,225	186	
4	888	962	0	599	74	363	5,439	4,288	3,739	-1,151	549	
5	394	726	0	494	332	232	5,833	5,014	4,233	-819	781	
6	340	233	0	643	-107	-410	6,173	5,247	4,876	-926	371	
7	303	848	0	300	545	548	6,476	6,095	5,176	-381	919	
8	334	1,382	0	110	1,048	1,272	6,810	7,477	5,286	667	2,191	
9	541	657	0	262	116	395	7,351	8,134	5,548	783	2,586	

Reporting Period: 9/1995

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>7,351</u>	<u>8,134</u>	<u>0</u>	<u>5,548</u>	<u>783</u>	<u>2,586</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	81,918	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:
Completed.

2	TA-16 HIGH EXPLOSIVES FACILITY PROJECT PLANS COMPLETE	Completed	08/31/1995	/ /	08/31/1995		0
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COMMENT:

Reporting Period: 9/1995

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.)

Completed.

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

On schedule.

NARRATIVE

Narrative

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

As a result of the change in priorities (i.e., EC/VCA) dictated by ERD/LAAO and the change in definition of assessment versus remediation in the third quarter of the fiscal year, a portion of costs for the Field Units was not

properly collected in the last quarter. Subsequently, in order to abide by DOE fiscal year-end requirements, costs were reallocated to the appropriate field unit. This adjustment skewed September cost data in the current period.

Reporting Period: 9/1995

ADS/TTP #: ALLA-3001- -

WBS #: 1.4.2.6.2.1

Narrative (Continued):

Current period cost variances reflect annual end-of-year adjustments that are required as a result of DOE and Laboratory financial restrictions. Fiscal year variances are an accurate reflection of the current project status.

1. Significant Problems/Issues/Concerns:

None.

2. Corrective Action:

None.

3. Summary Assessment:

Completion of the removal of the filters at the TA-21 filter buildings eliminated the greatest sources and allows for the downgrade from a nuclear facility to a radiological facility. The contractors scope of work was modified within two weeks to include dismantlement of two additional process buildings along with the seven bunker (total of 9 buildings) at TA-16. The phase separator pit contractor continues to mobilize and set up offices.

4. Cost Status:

Cost Performance Report:

Current Period: \$395K, or 60%

FY to Date: \$2586K, or 32%

Savings were realized due to several contracts coming under government estimates, soil washing activities eliminated, and contract invoices not posted in September. This, and future savings, have been realized through a competitive bid process.

5. Schedule Status:

Cost Performance Report:

Current Period: \$116K, or 21%

FY to Date: \$783K, or 11%

At TA-35, the IDM team is mobilizing, started non-intrusive survey work in building 7, and will start with removal of dust in building 2 the first week in October, 1995. Major contributors to the positive variance (0.5% cumulative) for this reporting period centered on TA-16 completion of activities for Contractor Plans and Programs, Mobilization and Training, and the Readiness Review.

Decommissioning field work was completed on 7 concrete bunkers and 2 storage magazines at the TA-16 High Explosives Facility ahead of schedule.

Major contributors to the positive schedule variance for this reporting period centered on TA-16 completion of activities for Contractor Plans and Programs, Mobilization and Training, and the Readiness Review.

6. Technical Status:

A description of the PSP project work is as follows: The project will start with the removal of all exposed building 2 basement ducts. At the same time, building radiological survey activities will begin.

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.

Completed TA-35 phase 2-6 bid package for external contractors, February 24, 1995.

Reporting Period: 9/1995

ADS/TTP #: ALLA-3001- -

WBS #: 1.4.2.6.2.1

Narrative (Continued):

Completed and submitted report for the State Historic Preservation Officer approval, documented the proposed effects and treatment of effects for the High Explosives decommissioning project at TA-16, February 28, 1995.

Completed the short-list selection for the Basic Ordering Agreement (BOA) remediation contractors, March 30, 1995. This contract mechanism can be used for other decommissioning projects and remedial actions, and it will greatly shorten procurement times for future awards.

Final selection of the Basic Ordering Agreement (BOA) remediation contractors was completed, 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.

The TA-35 Phase Separator Pit Decommissioning Project has completed phase 1 work with approximately 90% of the estimated budget for phase 1, June, 1995.

The Basic Ordering Agreement (BOA) with four remediation contractors (MK, B&W, NES, and IDM) was signed and the first two task orders were initiated, one for decommissioning the seven concrete bunkers at TA-16 and one to remediate MDA-M at TA-9. The task orders will be competitively bid between the four BOA contractors (July 1995).

The Project Plan for Decommissioning 25 HE contaminated buildings at TA-16 was completed and sent out for signatures (July 1995).

Building 21-4 South dismantlement was completed (July 1995).

Recyclable steel from both the DP-West (TA-21) and the Phase Separator Pit (TA-35) projects was sent to SEG (commercial salvage company) in Oak Ridge, Tennessee (July 1995).

Started TA 21 filter building decommissioning (August 1995).

Started TA-21, 3 & 4 South footprint remediation (August 1995).

Shipped 5000 cubic feet of contaminated steel from TA-21 and TA-35 projects to SEG for recycling (August 1995).

The TA-35 PSP Decommissioning Project has completed Phase 1 of the project and minimized the amount of waste going to the site storage area, TA-54. Most of the waste has been cleaned and recycled or recycled to a contaminated metals recycling center.

Completed decommissioning of seven bunkers and two storage magazines. The concrete was staged on site for future crushing and reuse. The soil was staged for future use as fill material.

Completed decontamination of the Filter buildings at TA-21. Buildings are no longer a nuclear facility. All hood and gloveboxes have been removed inside buildings 3 and 4 North.

DATE PRINTED: 10/24/1995

PTS - PROGRAM MANAGER'S REPORT

Page: 59

Reporting Period: 9/1995

ADS/TTP #: ALLA-3001- -

WBS #: 1.4.2.6.2.1

PROJECT MANAGER'S RATINGS

No ratings available.

Reporting Period: 9/1995

ADS/TTP #: ALLA-2107- -

WBS #: 1.4.2.6.3.7

Title: ENVIRONMENTAL RESTORATION MANAGEMENT (INCLUDES D&D)

Installation: LOS ALAMOS NATIONAL LABORATORY

Category: ER

Project Title: AL LAB ER (MSA)

Program Manager's-- FO: DEBORAH GRISMOLD

(505)845-4752

Start Date: 10/02/1989

HQ: BILL SPURGEON

(301)903-8187

Completion Date: 10/27/2010

B&R Code	ANNUAL TOTALS (\$000)											
	PY		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 9/95	Prelim. Obl YTD	FIS Cost YTD 9/95	Prelim. Cost YTD	Proj'd Cur. Yr-End EstCo	End FY 95 Unobl. Bal.	FY 95 Tot. Uncost.Obl.	
OE EW2010301	0	296	12,543	12,839	12,543	0	14,438	0	19,394	0	-1,445	
OE EW2010302	0	0	5,451	5,451	5,451	0	5,966	0	0	0	0	
OE EW2010401	0	538	678	1,216	678	0	2,836	0	2,482	0	-54	
OE EX2010401	0	65	40	105	40	0	61	0	68	0	-11	
OE EX2010402	0	0	0	0	0	0	-30	0	0	0	0	
Totals:	0	899	18,712	19,611	18,712	0	23,271	0	21,944	0	-1,510	

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

MONTH	-----MONTHLY-----						-----CUMULATIVE-----				
	BCWS	BCWP	Prelim	ACWP	SCHED VAR	COST VAR	BCWS	BCWP	ACWP	SCHED VAR	COST VAR
10	682	682	0	892	0	-210	682	682	892	0	-210
11	648	648	0	917	0	-269	1,330	1,330	1,809	0	-479
12	3,314	3,314	0	886	0	2,428	4,644	4,644	2,695	0	1,949
1	1,748	1,438	0	2,723	-310	-1,285	6,392	6,082	5,418	-310	664
2	1,600	2,117	0	2,528	517	-411	7,992	8,199	7,946	207	253
3	4,479	2,882	0	1,973	-1,597	909	12,471	11,081	9,919	-1,390	1,162
4	1,324	1,301	0	2,100	-23	-799	13,795	12,382	12,019	-1,413	363
5	1,470	1,614	0	2,566	144	-952	15,265	13,996	14,585	-1,269	-589
6	1,225	1,548	0	1,804	323	-256	16,490	15,544	16,389	-946	-845
7	1,279	1,212	0	1,971	-67	-759	17,769	16,756	18,360	-1,013	-1,604
8	1,446	2,249	0	3,110	803	-861	19,215	19,005	21,470	-210	-2,465
9	1,275	1,148	0	1,801	-127	-653	20,490	20,153	23,271	-337	-3,118

Reporting Period: 9/1995

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
	20,490	20,153	0	23,271	-337	-3,118					
-----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	169,081	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	/ /	03/27/1995	CAT1	0

COMMENT:
Completed.

1	FY95 IWP SUBMITTED TO EPA	Completed	02/28/1995	/ /	02/28/1995	CAT3	0
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COMMENT:

Reporting Period: 9/1995

ADS/TTP #: ALLA-2107- -

WBS #: 1.4.2.6.3.7

MILESTONE REPORT Continued

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

Completed.

1	1ST QUARTER FY95 REPORT SUBMITTED TO EPA	Completed	03/31/1995	/ /	03/15/1995	CAT3	0
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COMMENT:

Completed.

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

Completed.

1	PERMIT MODIFICATION FY95 COMPLETED	Completed	07/31/1995	/ /	06/02/1995	CAT3	0
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COMMENT:

Completed.

2	PERMIT MODIFICATION FY95 COMPLETED	Completed	07/31/1995	/ /	06/02/1995	CAT3	0
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COMMENT:

Completed.

1	3RD QUARTER FY95 REPORT SUBMITTED TO EPA	Completed	09/29/1995	/ /	08/14/1995	CAT3	0
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Reporting Period: 9/1995

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:
Completed.

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

2	PERMIT MODIFICATION FY96 COMPLETED	On Schedule	01/31/1996	/ /	/ /	CAT3	0
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COMMENT:
On schedule.

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

2	PERMIT MODIFICATION FY96 COMPLETED	On Schedule	07/31/1996	/ /	/ /	CAT3	0
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COMMENT:
On schedule.

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

Reporting Period: 9/1995

ADS/TTP #: ALLA-2107- -

WBS #: 1.4.2.6.3.7

MILESTONE REPORT Continued

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

On schedule.

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

On schedule.

1	PROJECT COMPLETE	On Schedule	10/03/2009	/ /	/ /	CAT3	0
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COMMENT:

On schedule.

NARRATIVE

Narrative

As a result of the change in priorities (i.e., EC/VCA) dictated by ERD/LAEO and the change in definition of assessment versus remediation in the third quarter of the fiscal year, a portion of costs for the Field Units was not properly collected in the last quarter. Subsequently, in order to abide by DOE fiscal year-end requirements, costs were reallocated to the appropriate field unit. This adjustment skewed September cost data in the current period.

Current period cost variances reflect annual end-of-year adjustments that are required as a result of DOE and Laboratory financial restrictions.

Fiscal year variances are an accurate reflection of the current project status.

1. Significant Problems/Issues/Concerns:

None for this reporting period.

2. Corrective Action:

None for this reporting period.

Reporting Period: 9/1995

ADS/TTP #: ALLA-2107- -

WBS #: 1.4.2.6.3.7

Narrative (Continued):

3. Summary Assessment:

Assessment Council members traveled to EPA Region VI headquarters in Dallas, TX. on September 18-19 to discuss programmatic risk assessment issues. Topics included background, risk calculations/assessment, strategy to derive cleanup levels, ecological risk approach, and accelerated decision logic. During the meeting between Assessment Council members and EPA Region VI headquarters, the following was agreed upon. LANL site-wide data is acceptable for background comparison use if LANL uses the 95th confidence level of the 95th percentile of the distribution. LANL SALs will be based on EPA Region IX PRGs. Background data for PAHs will no longer be required. Instead, specific conditions were agreed upon for cases in which PAHs are carried forward in risk assessment and cleanup level calculations. LANL will provide a matrix with all parameters for cleanup level derivations. A dialogue for conducting ecological risk assessment was begun. EPA Region VI supported the development and implementation of the Accelerated Decision Flow Process.

The draft statistical analysis sections for the forthcoming LANL background report on soils, Bandelier tuff and sediments were prepared. Wrote draft statistical approach for reviewing/using QA/QC samples.

The Ecotoxicological Risk Screening Methodology guidance document and logic diagrams for baseline ecological risk assessment and integration of screening assessment with baseline assessment were completed and given to EPA for review.

Conducted 9 community meetings on ER activities.

4. Cost Status:

Cost Performance Report:

Current Period: \$(653)K, or -57%
FY to Date: \$(3118)K, or -15%

Please refer to Narrative section introductory paragraph for Current Period Variance Analysis.

5. Schedule Status:

Cost Performance Report:

Current Period: \$(127)K, or -10%
FY to Date: \$(337)K, or -2%

ADS 2107 appears to have a schedule slip when in fact the discrepancy was caused by cancellation of several activities within this project that caused the schedule variance to exceed the threshold.

6. Technical Status:

The risk-based corrective action process will be the basis of the presentation to EPA on October 18th. The presentation will discuss our technical strategy for risk assessment. Continued to develop new decision flow charts for expedited cleanups and voluntary corrective actions.

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 SMMU, TA-3, SM-30. October 1994.

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

Reporting Period: 9/1995

ADS/TTP #: ALLA-2107- -

WBS #: 1.4.2.6.3.7

Narrative (Continued):

Plan. October 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 close-out 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.

Submitted BCPs LANL-ER-95-013 through LANL-ER-95-023, which represent the FY96 ER Project Replan to, DOE. September 1995.

DATE PRINTED: 10/24/1995

PTS - PROGRAM MANAGER'S REPORT

Page: 67

Reporting Period: 9/1995

ADS/TTP #: ALLA-2107- -

WBS #: 1.4.2.6.3.7

PROJECT MANAGER'S RATINGS

No ratings available.

Reporting Period: 9/1995

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

ANNUAL TOTALS (\$000)

B&R Code	PY End FY 94 Unobl. Bal.	PY FY 94 Tot. Uncost.Obl.	CY FY 95 New Obl. Auth.	CY Total Avail.	CY FIS Obl. YTD 9/95	CY Prelim. Obl YTD	CY FIS Cost YTD 9/95	CY Prelim. Cost YTD	CY Proj'd Cur. Yr-End EstCo	PC End FY 95 Unobl. Bal.	PC FY 95 Tot. Uncost.Obl.
OE EW2010301	0	1,102	4,734	5,836	4,734	0	4,169	0	5,147	0	-792
OE EW2010302	0	0	1,183	1,183	1,183	0	985	0	0	0	0
Totals:	0	1,102	5,917	7,019	5,917	0	5,154	0	5,147	0	-792

(Preliminary actuals not available; Actuals as of September/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	-1,442	-218	1,572	2,061	1,843	1,949	-218	-106
2	326	510	0	425	184	85	2,387	2,353	2,374	-34	-21
3	423	348	0	376	-75	-28	2,810	2,701	2,750	-109	-49
4	279	282	0	520	3	-238	3,089	2,983	3,270	-106	-287
5	332	299	0	457	-33	-158	3,421	3,282	3,727	-139	-445
6	345	328	0	248	-17	80	3,766	3,610	3,975	-156	-365
7	269	287	0	522	18	-235	4,035	3,897	4,497	-138	-600
8	300	282	0	581	-18	-299	4,335	4,179	5,078	-156	-899
9	251	304	0	76	53	228	4,586	4,483	5,154	-103	-671
	4,586	4,483	0	5,154	-103	-671					

Reporting Period: 9/1995

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	67,857	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	06/30/1996	/ /	CAT1	0

COMMENT:

The Site-Wide Plan has been delayed due to the NMED review. State review is expected to be complete the first part of September. We will initiate discussions with the regulating agencies to establish new milestone delivery dates. No Notices of Violation or fines are anticipated on account of this milestone.

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

On schedule.

NARRATIVE

Narrative

Reporting Period: 9/1995

ADS/TTP #: ALLA-2105- -

WBS #: 1.4.2.6.3.8

Narrative (Continued):

As a result of the change in priorities (i.e., EC/VCA) dictated by ERD/LAEO and the change in definition of assessment versus remediation in the third quarter of the fiscal year, a portion of costs for the Field Units was not collected in the last quarter. Subsequently, in order to abide by DOE fiscal year-end requirements, costs were reallocated to the appropriate field unit. This adjustment skewed September cost data in the current period.

Current period cost variances reflect annual end-of-year adjustments that are required as a result of DOE and Laboratory financial restrictions. Fiscal year variances are an accurate reflection of the current project status.

1. Significant Problems/Issues/Concerns:

None for this reporting period.

2. Corrective Action:

None for this reporting period.

3. Summary Assessment:

The status of the ER Site-Wide Study Plan was discussed during the September 15th meeting of the Earth Sciences Technical Council, and a call for proposals was made. Three proposals were presented at the September 25th meeting. These will be presented to the ER Project Management Team for concurrence and proposals will be written.

The report on the background soil concentrations for RCRA metals has been returned for publication.

The revised background chemistry report is in technical review. A draft of this report is being prepared to send to the EPA in Dallas per their request.

At direction of DOE, a single RCRA groundwater work plan will be developed for Los Alamos. The parts of the Site-Wide Study Plan that pertain to groundwater issues will be included in this single RCRA plan.

4. Cost Status:

Cost Performance Report:

Current Period:	\$228K, or 75%
FY to Date:	\$(671)K, or -15%

Please see Narrative introductory paragraph for Current Period Variance Analysis.

5. Schedule Status:

Cost Performance Report:

Current Period:	\$53K, or 21%
FY to Date:	\$(103)K, or -2%

As the year drew to a close, sub-projects wrapped up activities that had experienced slippage, allowing us to claim earned value for those activities in the month of September. This caused the current period schedule variance to exceed the threshold.

6. Technical Status:

The data report for the TA-51 Cap Design Studies has been completed and submitted for review by the ER Project Office. The report contains the data from the beginning of the study in 1991. Analyses of the data are performed in another report that will be submitted in the first week of October.

7. Major Accomplishments:

Published 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.

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Narrative (Continued):

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.

17 boreholes processed. April/May 1995.

Published report on "Environmental Geochemistry for Surface and Subsurface Waters in the Pajarito Plateau and Outlying Areas", New Mexico, LA-12912-MS. July 1995.

Published report on "The Unsaturated Hydraulic Characteristics of Bandelier Tuff", LA-12968-MS. September 1995

Published letter report on "Episodic Volcanic and Tectonic Activity on the Pajarito Plateau and Adjacent Volcanic Fields", New Mexico. September 1995.

Published report on "Calibration of Time Domain Reflectometry Soil Water Content Measurements to Include the Influence of Soil Type, Waveguide Length and Freezing". September 1995

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PROJECT MANAGER'S RATINGS

No ratings available.

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ADS/TTP #: ALLA-2010- -

WBS #: 1.4.2.6.6.10

Title: MIXED WASTE DISPOSAL FACILITY, ET. AL.

Installation: LOS ALAMOS NATIONAL LABORATORY

Program Manager's-- FO: DEBORAH GRISWOLD

HQ: BILL SPURGEON

Category: ER

(505)845-4752

(301)903-8187

Project Title: AL LAB ER (MSA)

Start Date: 01/01/1995

Completion Date: 10/04/1999

B&R Code	ANNUAL TOTALS (\$000)											
	PY		CY		CY		CY		CY		PC	
	End FY 94 Unobl. Bal.	FY 94 Tot. Uncost.Obl.	FY 95 New Obl. Auth.	Total Avail.	FIS Obl. YTD 9/95	Prelim. Obl YTD	FIS Cost YTD 9/95	Prelim. Cost YTD	Proj'd Cur. Yr-End EstCo	End FY 95 Unobl. Bal.	FY 95 Tot. Uncost.Obl.	
OE EW2010202	0	953	3,808	4,761	3,808	0	2	0	5,439	0	126	
OE EW2010301	0	125	36	161	36	0	4,776	0	111	0	3	
Totals:	0	1,078	3,844	4,922	3,844	0	4,778	0	5,550	0	129	

(Preliminary actuals not available; Actuals as of September/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	119	0	-84	-403	203	4,628	3,856	4,591	-772	-735
8	582	328	0	191	-254	137	5,210	4,184	4,782	-1,026	-598
9	469	33	0	-4	-436	37	5,679	4,217	4,778	-1,462	-561
	<u>5,679</u>	<u>4,217</u>	<u>0</u>	<u>4,778</u>	<u>-1,462</u>	<u>-561</u>					

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-----PRIOR YEARS COSTS-----			-----OUT YEAR COSTS-----				
ACWP	BCWP	BCWS	FY96	FY97	FY98	FY99	FY00
8,300	8,300	8,300	3,049	2,320	16,076	7,673	0

TOTAL PROJECT PLAN

BAC	43,096	Budgeted Mgmt Reserve	0
EAC	12,691	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	/ /	/ /	CAT1	0

COMMENT:
 The milestone will not occur, as all NEPA activities for this ADS have been cancelled. The new baselined milestones will be reported in next month's PTS.

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 rescission. We will initiate discussions with the regulating agencies to establish new milestone delivery dates. No Notices of Violation or fines are anticipated on account of this milestone slip.

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: 9/1995

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. We will initiate discussions with the regulating agencies to establish new milestone delivery dates. No Notices of Violation or fines are anticipated on account of this milestone slip.

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. We will initiate discussions with the regulating agencies to establish new milestone delivery dates. No Notices of Violation or fines are anticipated on account of this milestone slip.

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. We will initiate discussions with the regulating agencies to establish new milestone delivery dates. No Notices of Violation or fines are anticipated on account of this milestone slip.

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. We will initiate discussions with the regulating agencies to establish new milestone delivery dates. No Notices of Violation or fines are anticipated on account of this milestone slip.

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. We will initiate discussions with the regulating agencies to establish new milestone delivery dates. No Notices of Violation or fines are anticipated on account of this milestone slip.

1	NEPA COMPLETE	Forecast Delay	07/09/1999	12/13/1999	/ /	CAT2	0
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Reporting Period: 9/1995

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LEV	TITLE	STATUS	PLANNED	FORECAST	ACTUAL	MILE CATEGORY	FLOAT
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COMMENT:

Milestone delayed due to funding recission. This milestone will be replanned in the FY96 rebaselining effort. We will initiate discussions with the regulating agencies to establish new milestone delivery dates. No Notices of Violation or fines are anticipated on account of this milestone slip.

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

Milestone delayed due to funding recission. This milestone will be replanned in the FY96 rebaselining effort. We will initiate discussions with the regulating agencies to establish new milestone delivery dates. No Notices of Violation or fines are anticipated on account of this milestone slip.

NARRATIVE

Narrative

As a result of the change in priorities (i.e., EC/VCA) dictated by ERD/LAEO and the change in definition of assessment versus remediation in the third quarter of the fiscal year, a portion of costs for the Field Units was not properly collected in the last quarter. Subsequently, in order to abide by DOE fiscal year-end requirements, costs were reallocated to the appropriate field unit. This adjustment skewed September cost data in the current period.

Current period cost variances reflect annual end-of-year adjustments that are required as a result of DOE and Laboratory financial restrictions. Fiscal year variances are an accurate reflection of the current project status.

1. Significant Problems/Issues/Concerns:

Costs for treatment, storage, and disposal (TSD) of mixed waste generated by the Environmental Restoration Project have not been budgeted in the ER baseline after FY96 (although all waste volumes do show up in the baseline

throughout the ER Project life cycle). Current DOE guidance (Fiscal Year 1997 Environmental Management Budget Call, dated January 30, 1995) requires WM to plan and budget for ER TSD costs after FY96 (mixed waste and otherwise -- see Attachments F and G from the referenced DOE memorandum above). However, with severe cutbacks in the LANL WM budget, it is unclear if DOE EM has made ER TSD costs after FY96 a priority for inclusion in the constrained planning scenario for LANL WM.

2. Corrective Action:

The FY96 scope of work for ADS 2010 includes the re-examination of the mixed waste inventory at LANL with the goal of achieving program office consensus, privatization of mixed waste management services (disposal and possibly remediation) will be pursued through the Privatization Work Group (PWG) at LANL. The privatization of these services may lower the overall cost of mixed waste remediation and disposal at LANL and lessen the budget impact of this activity. These costs could then be budgeted and included as part of the outyear funding profile.

3. Summary Assessment:

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Narrative (Continued):

The new inventory effort has begun and the project team is preparing to complete another mixed waste sort from analytical data available in FIMAD. Several hundred new samples resulting from recent field work have been entered in FIMAD and a new sort criteria has been developed based on the new EPA Region IX SALs. These new SALs, in addition to further experience gained regarding alternative waste identification should significantly lower the estimated mixed waste inventory.

4. Cost Status:

Cost Performance Report:

Current Period: \$37K, or 112%
FY to Date: \$(561)K, or - 13%

The FY-to-Date variances exceed the variance thresholds of 10% and \$250K. These excessive variances will continue until the project begins reporting against the FY96 baseline.

5. Schedule Status:

Cost Performance Report:

Current Period: \$(436)K, or -93%
FY to Date: \$(1462)K, or -26%

Both the Current Period and the FY-to-Date variances exceed the thresholds. These excessive variances will continue until the project begins reporting against the FY96 baseline.

6. Technical Status:

The first inventory sort criteria methodology was reviewed by the project team and the final sort criteria has been established. An initial sort of FIMAD data will be completed to validate the sorting methodology and then the actual data sort will occur once the remaining samples from previous field work are entered into FIMAD. This should be in the November 1996 time frame.

7. Major Accomplishments:

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

Completed cleanup of the east burn area. December 1994.

Submitted draft Closure Plan for MDA-P to NMED. February 1995.

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

Back-filled TA-40 site. February 1995.

Distributed draft TA-40 Closure Plan for internal review. February 1995.

Completed Laboratory review of Health & Safety Plan. March 1995.

Completed Laboratory review of Waste Management Plan. March 1995.

Submitted TA-40 Closure Report to NMED. March 1995.

Submitted comments on NMEDs TA-35, TSL-85 Draft Amended Closure Plan. May 1995.

Final Health & Safety Plan completed. May 1995.

Received SOIs from 16 vendors. August 1995.

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PROJECT MANAGER'S RATINGS

No ratings available.