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Los Alamos National Laboratory

UNIVERSITY OF CALIFORNIA



Environmental Restoration Project
MS M992
Los Alamos, New Mexico 87545
505-667-0808/FAX 505-665-4747

Date: July 17, 1996
Refer to: EM/ER:96-395

2025
Report

Mr. Ted Taylor, Program Manager
US Department of Energy
Los Alamos Area Office, MS A136
Los Alamos, NM 87545

SUBJECT: ER PTS MONTHLY REPORT FOR JUNE 1996

Dear Ted:

Enclosed is the Progress Tracking System (PTS) Report diskette for the Los Alamos National Laboratory's Environmental Restoration (ER) Project monthly report for June 1996. We have addressed the May 1996 comments in the PTS report. General comments are addressed in this letter.

The University of California (UC) is aware that disagreement exists over which baseline file(s) to use for reporting purposes for the month of June. However, consistent with our discussion of July 10, 1996, UC will continue to report against all submitted and internally approved baseline change proposals (BCPs), despite the fact that three of these BCPs have yet to be approved by the Los Alamos Area Office (LAAO).

We appreciate your concern with regard to the Laboratory's accounting system. We have communicated your concerns to the appropriate UC contacts; however, please recognize that the ER Project, though an extensive user of the Financial Management Information System's data, has no direct authority over the timeliness or accuracy of that data. An option we would be prepared to negotiate with LAAO would involve the manual entry of management's best estimation of the actual costs, and inputting this figure into the Preliminary Actual Cost field. However, when UC provided this data before, it tended to cause confusion with respect to LAAO's assessment of variance analysis figures (from paragraphs 4 and 5) when compared to the Cost Table, which then contained both FIS actuals, as well as the manually input actuals. UC is prepared to work with LAAO on this matter within the previously stated constraints.

The Field Unit 1 milestones which we indicated would be deleted, will be retained per your request. Based on the July 11, 1996 meeting between some of your staff and some of my Project Planning and Control staff, we believe that the current roster of EA and OTH coded milestones is complete and accurate, and consistent with your direction. In total, we have reduced the number of EA milestones reported to the Department of Energy-Headquarters by 35 from 102 to 67 for Fiscal Year 1996.



Mr. Ted Taylor
EM/ER:96-395

-2-

July 17, 1996

If you have any questions regarding this information, please call Jim Noel at 665-5737 or Michael Hatfield at 665-8910.

Sincerely,



Jorg Jansen
Environmental Restoration

JJ/bp

Enclosure: PTS Monthly Report Diskette

Distribution (w/hard copy enclosure)

G. Allen, CST-18, MS E525, w/ADS 2001 copy
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R. Sena, DOE-AL, MS A906
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R. Wood, DOE-AL, MS A906
RPF, MS M707

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

01/01/1995

HQ: BILL SPURGEON

(301)903-8187

Completion Date: 09/28/2006

09/28/2006

B&R Code	ANNUAL TOTALS (\$000)										
	PY	PY	CY	CY	CY	CY	CY	CY	CY	PC	PC
	End FY 95 Unobl. Bal.	FY 95 Tot. Uncost.Obl.	FY 96 New Obl. Auth.	Total Avail.	FIS Obl. YTD 6/96	Prelim. Obl YTD	FIS Cost YTD 6/96	Prelim. Cost YTD	Proj'd Cur. Yr-End EstCo	End FY 96 Unobl. Bal.	FY 96 Tot. Uncost.Obl.
OE EW2010301	0	2	0	2	3,238	0	3,038	1,135	5,880	0	176
OE EW2010302	0	20	0	20	8,950	0	4,754	2,985	8,548	0	256
OE EW2010304	0	0	0	0	529	0	122	0	0	0	0
Totals:	0	22	0	22	12,717	0	7,914	4,120	14,428	0	432

(Preliminary actuals as of February/96; Actuals as of June/96.)

EXPENDITURE RATE (\$000)

MONTH	-----MONTHLY-----						-----CUMULATIVE-----				
	BCWS	BCWP	Prelim	ACWP	SCHED VAR	COST VAR	BCWS	BCWP	ACWP	SCHED VAR	COST VAR
10	2,461	973	92	92	-1,488	881	2,461	973	92	-1,488	881
11	1,709	1,203	680	680	-506	523	4,170	2,176	772	-1,994	1,404
12	867	376	899	899	-491	-523	5,037	2,552	1,671	-2,485	881
1	-1,259	509	1,046	1,046	1,768	-537	3,778	3,061	2,717	-717	344
2	1,597	1,323	1,403	1,403	-274	-80	5,375	4,384	4,120	-991	264
3	1,524	1,297	0	951	-227	346	6,899	5,681	5,071	-1,218	610
4	1,082	1,144	0	913	62	231	7,981	6,825	5,984	-1,156	841
5	1,288	1,329	0	1,186	41	143	9,269	8,154	7,170	-1,115	984
6	1,445	1,370	0	744	-75	626	10,714	9,524	7,914	-1,190	1,610
7	1,122	---	---	---	---	---	---	---	---	---	---
8	961	---	---	---	---	---	---	---	---	---	---
9	538	---	---	---	---	---	---	---	---	---	---
	<u>13,335</u>	<u>9,524</u>	<u>4,120</u>	<u>7,914</u>	<u>-1,190</u>	<u>1,610</u>					

Reporting Period: 6/1996
 ADS/TTP #: ALLA-2001- -
 WBS #: 1.4.2.6.1.1

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

ACWP	BCWP	BCWS
60,688	58,726	58,726

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

FY97	FY98	FY99	FY00	FY01
10,386	9,910	9,898	11,203	9,865

TOTAL PROJECT PLAN

BAC	173,054	Budgeted Mgmt Reserve	0
EAC	173,054	Remaining Mgmt Reserve	0
TEC	0	Planning Contingency	0
TPC	173,054	Remaining Contingency	0
		Planned R & U	0
		Remaining R & U	0

MILESTONE REPORT

LEV	TITLE	STATUS	PLANNED	FORECAST	ACTUAL	MILE CATEGORY	FLOAT
1	TA-10:Draft Ph I Surface RFI Report to EPA	Completed	10/02/1995	/ /	10/02/1995	CAT3	0

COMMENT:
 Completed.

1	TA21 14.5 EPA Draft Complete Ph1	Completed	01/19/1996	/ /	01/18/1996	CAT3	0
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COMMENT:
 Completed.

1	TA21 15.5 21-024i EPA Drft Complete PH2 Smp Plan	Completed	01/31/1996	/ /	01/31/1996	CAT3	0
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COMMENT:

Reporting Period: 6/1996

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	TA21 15.3 21-024c EPA Drft Complete PH2 Smp Plan	Completed	01/31/1996	/ /	01/31/1996	CAT3	0
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COMMENT:

Completed.

1	TA0: Drf Solvent UST RFI Rpt to EPA [PRS 0	Completed	02/23/1996	/ /	02/28/1996	CAT1	0
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COMMENT:

Completed.

1	TA4M: Submit EPA Draft WP1/PH1 RFI RPT	Completed	02/29/1996	/ /	02/29/1996	CAT3	0
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COMMENT:

Completed.

1	TA21 21-018b EPA Draft Complete Ph1 Smp Pln	Completed	02/29/1996	/ /	02/29/1996	CAT3	0
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COMMENT:

Completed.

1	TA1: Agg. P EPA Drft Complete PH1 Smp Plan	Completed	03/06/1996	/ /	03/06/1996	CAT3	0
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Reporting Period: 6/1996

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:
Completed.

1	TA-1: RFI Report Draft to EPA [Ag A,B,H,I,J]	Completed	03/08/1996	/ /	03/15/1996	CAT1	0
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COMMENT:
Completed.

1	TA-1: EPA Draft Complete Agg. E&G	Completed	03/22/1996	/ /	03/26/1996	CAT1	0
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COMMENT:
Completed.

1	TA-1: RFI Report Draft to EPA [Ag C,D]	Completed	03/22/1996	/ /	03/22/1996	CAT3	0
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COMMENT:
Completed.

1	TA-1: RFI Report Draft to EPA K,L,M,O	Completed	04/12/1996	/ /	04/12/1996	CAT3	0
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COMMENT:
Completed.

1	TA-10:Draft Ph I Sub-Surface RFI Report to EPA	Completed	04/22/1996	/ /	04/22/1996	CAT3	0
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COMMENT:

Reporting Period: 6/1996

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.

2	TAO: DOE/EPA CMPLT 6TH ST 0-030(L) VCA RPT	Overdue	05/15/1996	07/22/1996	/ /		0
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COMMENT:

Report temporarily delayed to apply resources to an RFI Report. Expected to complete in July.

1	TAO: DOE/EPA CMPLT 6TH ST 0-030(M) VCA RPT	Overdue	05/15/1996	07/22/1996	/ /		0
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COMMENT:

Report temporarily delayed to apply resources to an RFI Report. Expected to complete in July.

1	TAO: DOE/EPA CMPLT 6TH ST 0-033 VCA RPT	Overdue	05/15/1996	07/12/1996	/ /		0
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COMMENT:

Report temporarily delayed to apply resources to an RFI Report. Expected to complete in July.

1	TA-1: Paint Pool 1-001(d) EPA Draft Rpt Complete	Overdue	05/15/1996	07/09/1996	/ /		0
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COMMENT:

Report temporarily delayed to apply resources to an RFI Report. Expected to complete in July.

1	TAO: EPA Drf Cmplt 6th 030b/004/MTL/Lchfld	Completed	05/22/1996	/ /	05/22/1996	CAT3	0
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Reporting Period: 6/1996

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:
Completed.

1	TA-3: Draft Rpt to EPA 3-056(c)	EC R	Overdue	06/03/1996	07/30/1996	/ /	0
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COMMENT:
Awaiting concurrence between LANL, NMED, and TOSCA on the proposed cleanup level. We anticipate no fines or Notices of Violation on account of this milestone slip.

1	TA21 16.8 MDA A EPA Draft Complete Ph1		Overdue	06/07/1996	/ /	/ /	0
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COMMENT:
** This milestone has been identified for deletion.. It is an internal report, and will not be submitted to EPA this Fiscal Year.

1	TA21 14.4 EPA Draft Complete Ph1		Completed	06/14/1996	/ /	06/14/1996 CAT3	0
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COMMENT:
Completed.

1	TA21 16.7 MDA V EPA Draft Complete Ph1		Overdue	06/17/1996	08/16/1996	/ /	CAT1	0
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COMMENT:
An official 60-day extension has been requested. There has been some problem receiving data. We anticipate no Notices of Violation or fines on account of this milestone slip.

1	TA0: IFR - VCA Rpt to EPA [PRS 0-016]		Overdue	06/20/1996	08/20/1996	/ /	0
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COMMENT:

MILESTONE REPORT Continued

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

Awaiting Regulator concurrence. VCA is sensitive and must have regulatory approval prior to work starting.

1	TA0: Draft 030(e)N,(e)S,(f) RFI Rpt [Grp 0-3]	Completed	06/28/1996	/ /	06/28/1996	CAT3	0
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COMMENT:
Completed.

1	TA-10:Submit EPA Draft Ph1 Sub Rad Addendum	Completed	07/01/1996	/ /	06/03/1996		0
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COMMENT:
Completed.

1	TA-32: EPA COMPLETE 32-001, 003 VCA RPT	On Schedule	07/05/1996	/ /	/ /		0
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COMMENT:
On schedule.

1	TA21 14.6 EPA Draft Complete Ph1	On Schedule	07/12/1996	/ /	/ /	CAT3	0
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COMMENT:
On schedule.

1	TA21 16.6 EPA Draft Complete Ph1	On Schedule	07/26/1996	/ /	/ /		0
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Reporting Period: 6/1996

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:

** This milestone has been identified for deletion. This is an internal report, and is not going to the EPA in this Fiscal Year.

1	TA0: Drf LA Cnty Rec Area RFI Rpt to EPA Agg 0-E	On Schedule	07/26/1996	/ /	/ /	CAT3	0
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COMMENT:

On schedule.

1	TA1: EPA Draft Complete Agg. N&P RFI Report	On Schedule	07/26/1996	/ /	/ /	CAT3	0
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COMMENT:

On schedule.

1	TA-32: Draft Report Complete 002(a,b)	On Schedule	07/26/1996	/ /	/ /	CAT3	0
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COMMENT:

On schedule.

1	TA21 14.5: 21-029 Issue Final Rpt DP Tank VCA	On Schedule	08/08/1996	/ /	/ /		0
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COMMENT:

On schedule.

1	TA0: Submit Fnl Septic Sys 0-030(h) VCA Rpt	On Schedule	08/14/1996	/ /	/ /		0
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COMMENT:

Reporting Period: 6/1996

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	TA0: Submit Fnl Septic Sys 0-030(i) VCA Rpt	On Schedule	08/14/1996	/ /	/ /		0
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COMMENT:

On schedule.

1	TA0: Draft RFI Report to EPA Complete 0-031(b)	On Schedule	08/16/1996	/ /	/ /	CAT3	0
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COMMENT:

On schedule.

1	TA0: DP Rd Stg Area VCA Report to EPA [Ag 0-F]	On Schedule	08/23/1996	/ /	/ /		0
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COMMENT:

On schedule.

1	TA-1: HS VCA REPORT TO EPA [1-001D]	On Schedule	08/26/1996	/ /	/ /		0
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COMMENT:

On schedule.

1	TA-1: Submit to NMED SWQB IA Draft Rpt. (HS138)	On Schedule	08/30/1996	/ /	/ /		0
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Reporting Period: 6/1996

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	TA-32:Draft Ph II RFI Report to EPA 32-001	On Schedule	09/04/1996	/ /	/ /	CAT3	0
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COMMENT:

On schedule.

1	TA21 14.3 EPA Draft Complete Ph1	Completed	09/06/1996	/ /	06/14/1996	CAT3	0
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COMMENT:

Completed.

1	TA0: Submit Fnl Septic Sys 0-030(j) VCA Rpt	On Schedule	09/06/1996	/ /	/ /		0
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COMMENT:

On schedule.

1	TA0: Submit Fnl Septic Sys 0-030(n) VCA Rpt	On Schedule	09/06/1996	/ /	/ /		0
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COMMENT:

On schedule.

1	TA0: Submit Fnl Septic Sys 0-030(o) VCA Rpt	On Schedule	09/06/1996	/ /	/ /		0
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COMMENT:

Reporting Period: 6/1996

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	TA21 15.4 011k EPA Draft Complete Ph2	On Schedule	09/16/1996	/ /	/ /	CAT3	0
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COMMENT:

On schedule.

1	TA21 15.4 21-011(k) Expected to be NFAed	On Schedule	09/16/1996	/ /	/ /	CAT3	0
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COMMENT:

On schedule.

1	TA73: Final VCA Rpt LA Airport 73-004a,b,73-006	On Schedule	10/28/1996	/ /	/ /		0
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COMMENT:

On schedule.

1	TA73: Cert Inspec LA Airport VCA 73-004a,b,-006	On Schedule	10/28/1996	/ /	/ /		0
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COMMENT:

On schedule.

1	TA73: Submit Final VCA Rpt LA Airport 73-005	On Schedule	10/28/1996	/ /	/ /		0
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Reporting Period: 6/1996

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	TA73: Certification Inspec LA Airport VCA 73-005	On Schedule	10/28/1996	/ /	/ /		0
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COMMENT:

On schedule.

1	TA73: DOE Draft 73-004a,b;007;005a-f VCA Rpt	On Schedule	10/28/1996	/ /	/ /		0
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COMMENT:

On schedule.

1	TA19: Drf East Gate Lab RFI Rpt to EPA	On Schedule	10/31/1996	/ /	/ /	CAT3	0
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COMMENT:

On schedule.

1	TA21 DELIVER D&D WP Mod. to EPA Ph1	On Schedule	11/13/1996	/ /	/ /	CAT3	0
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COMMENT:

This milestone, originally planned for 14 November 1995, has been re-baselined to 13 November 1996 per BCP 96-023.

1	TA-10:Draft Central Area CMS Due to EPA	On Schedule	12/03/1996	/ /	/ /	CAT3	0
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COMMENT:

Reporting Period: 6/1996

ADS/TTP #: ALLA-2001- -

WBS #: 1.4.2.6.1.1

MILESTONE REPORT Continued

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

On schedule.

1	TA-3: SbmIt EPA Drft Sgma	WP2/PH1 RFI RPT	On Schedule	04/21/1997	/ /	/ /	CAT3	0
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COMMENT:

On schedule.

1	TA73: Drf LA Airport RFI Rpt to EPA	[Grp	On Schedule	05/01/1997	/ /	/ /	CAT3	0
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COMMENT:

On schedule. This milestone, originally planned for 19 March 1996, has been re-baselined to 1 May 1997 per BCP 96-023.

NARRATIVE

Narrative

1. SIGNIFICANT PROBLEMS, ISSUES, CONCERNS:

Access approval from one of the property owners that we expect to be impacted by the 0-030 septic system work has not been granted.

Comments from NMED on the Remedial Action Plan for Hillside 138 from the Surface Water Quality Bureau are still pending.

LANL has not had any response to a February, 1996 letter from Steve Rae, ESH-18, to Glenn Saums, Surface Water Quality Bureau requesting closure for the DP Tank Farm site.

2. CORRECTIVE ACTION :

The access agreement for PRS 0-030 (j) has been developed, we are awaiting the board of director's decision, based on advice of their counsel.

A meeting was held with NMED to discuss the proposed Hillside 138 Remedial Action. The Surface Water Quality Bureau has not reviewed the plan, and will not comment on the proposed NFA for the upper bench. The cleanup of the lower bench will proceed at risk.

DOE and LANL ESH-18 personnel are continuing to try to arrange a meeting with NMED SWQB to come to closure at the DP Tank Farm EC site.

Reporting Period: 6/1996

ADS/TTP #: ALLA-2001- -

WBS #: 1.4.2.6.1.1

Narrative (Continued):

3. SUMMARY ASSESSMENT:

VCA's are proceeding throughout the Field Unit. Papers were presented internally as well as at the 3rd International Conference on Precision Agriculture. Weston legacy waste was disposed of. Sampling events were completed along Trinity Drive, at the airport, and at the DP Storage area as well as in support of the VCA activities.

4. COST STATUS:

Cost Performance Report:

Current Period: \$ 626K, or 46%

FY to Date: \$ 1,610K, or 17%

The current period cost variance is not within threshold limits. The cost variance reflects delayed VCA's and a temporary problem with a large credit as field work is recoded from remediation to assessment. The regulators did not give us the final decisions in June as expected which will determine how we proceed with TA-0: Hillside 138, and TA-0: 0-016, the Inactive Firing Range.

5. SCHEDULE STATUS:

Cost Performance Report:

Current Period: \$ (75K), or -5%

FY to Date: \$ (1,190K), or -11%

The current period schedule variance is within threshold limits but has fallen slightly from last month's performance. The fiscal year to date variance has shown a small improvement. The negative fiscal year to date variance reflects delayed VCA and Interim Actions work due to regulatory concerns, delayed analyticals, as well as the delayed issuance of work releases in the second quarter. Some delays have also been experienced in obtaining access agreements for the townsite area VCA's.

6. TECHNICAL STATUS:

6.1 FIELD WORK-RFI INVESTIGATIONS:

TA-0

The soil gas survey in the Knights of Columbus parking lot (DP Road Storage, PRS 0-027) was completed this month. A total of 75 soil gas samples (4 field duplicates) were collected at locations laid out on a 25 x 25 ft grid. Elevated BTEX concentrations were noted in 5 locations (two of these locations had total BTEX concentrations of less than 10 ppb). Soil samples were collected at the former locations of the three fill stations and at two locations in which elevated BTEX concentrations were noted during the soil gas survey. The survey was completed on schedule despite considerable equipment problems and significant downtime during the first week of operations.

TA-1

Aggregate P [PRSs 1-006(s) and 1-007(l)] sampling of the base fill under Trinity Drive was completed in June.

Approximately 100 feet of VCP sewer line and Manhole #59 of the Western Sanitary Waste Line was removed in June. Samples of the pipe contents and of soil beneath the line were sent off-site for analysis.

TA-21

A paper, entitled: "Migration of Cesium-137 in DP Canyon Sediments and Voluntary Corrective Action at TA-21, SMNU 21-011(k)", was presented at the June 20 CST Division review and again on June 27 to the Advisory Panel for Environmental and Waste Management Science to CST Division.

In addition, on June 23 at the 3rd International Conference on Precision Agriculture, the following paper was presented: "Characterization and Immobilization of Cesium-137 in Soil at Los Alamos National Laboratory".

TA-73

Fifty air samples were collected for analysis from the Airport Group, 73-1 (sampling of the main landfill). The samples were collected from the gas port monitoring in the perimeter well and CPT installed ports.

Reporting Period: 6/1996

ADS/TTP #: ALLA-2001- -

WBS #: 1.4.2.6.1.1

Narrative (Continued):

Sampling of PRSs 73-002 and 73-006, and outfall drainages were completed this month. Sampling of 73-002 required fall protection training and implementation due to the slopes encountered at the site.

6.2 RFI REPORTS:

TA-0

The RFI report for 0-028(a,b) has been started.

TA-21

A deadline extension was requested for the RFI report for MDA-V [21-018(a)] due to recent sampling results which show higher levels of radioactive contamination than previously shown and also some heavy metals in one limited area around an inlet pipe. This RFI report will be submitted by LANL on August 17. A sampling and analysis plan has been incorporated into the RFI report in order to define what remedial action will be proposed. This draft RFI report will be circulated for internal comment the week of July 17.

The RFI report for 21-002(b) is in final review.

TA-32

Difficulty obtaining a complete data set for the TA-32 RFI and VCAs has caused delays in writing the final VCA/RFI report.

6.3 VCA/EC/Interim Action ACTIVITIES:

TA-0

A readiness review held for 0-016. Work will commence as soon as we have either NMED approval or permission to proceed at risk from DOE.

Stormwater erosion control device repairs were done at 0-016 after heavy thunderstorms damaged a run-off holding berm.

Analytical data for the three samples collected from within and around septic tank 0-030(a) was received and evaluated in a risk assessment. The risk assessment confirmed no elevated risk from the tank or contents. Plans to crush the 0-030(a) tank in place as a means of tank abandonment were completed. The tank excavation was backfilled, compacted by tamping with the trackhoe bucket and leveled off. Clean fill has been stockpiled at the site and will be used during site restoration activities. The excavation sites will be filled and re-seeded in early July. Gravel will be brought in to restore the old gravel road bed.

The concrete fill material accumulated during excavation activities at 0-030(a) was disposed of at the Los Alamos County Landfill. A total of 86 tons of concrete debris were disposed of. The option of taking the concrete debris to the TA-21 crusher was explored, but rejected due to the size of the debris and the amount of soil present within the debris.

The VCA Plan for PRS 0-030(b) [a septic tank diversion box under 6th Street], and PRS 0-033(b) [drainlines from the old materials testing laboratory south of 6th Street warehouses] was completed and reviewed by DOE this month. Comments will be incorporated, and the plan will be submitted for final approval in July.

0-030 series Septic Tank VCAs are proceeding, PRS 0-030 (i) has been removed and the site restored; sampling at PRSs 0-030 (h,o) is complete, and we are awaiting the August 15 T&E date for the removal of the tank at PRS 0-030 (n). Initial surveys have begun at PRS 0-030 (p).

The VCA report for PRSs 0-030 (a,h,i,n,o,p) was started this month

The VCA report for PRSs 0-030(l,m) [septic tanks] and 0-033(a) [UST] is near completion. The plan will be sent out for a final review mid July.

TA-3

A meeting was held with DOE, NMED and LANL on June 25 to discuss where we are with PRS 3-056(c), the PCB site. Topics covered were cleanup level, costs to date, proposed slope stabilization and capping, and costs for continued cleanup.

Reporting Period: 6/1996

ADS/TTP #: ALLA-2001- -

WBS #: 1.4.2.6.1.1

Narrative (Continued):

Routine site inspections to observe the condition of plastic sheeting, stormwater diversion devices, and silt and straw bale fences are performed routinely at PRS 03-056(c).

TA-21

The VCA report for PRS 21-029 (DP Tank Farm) is currently being drafted.

TA-32

The VCA report for PRS 32-001, 32-003, 32-002(a,b) and 32-004 is currently being drafted.

TA-73

Geophysical surveys were completed for PRSs 73-004(a and b). Excavation and sampling of the septic tanks will be done the first week of July.

6.4 INTERIM ACTION PLANS

The Plan for SWMU 21-011(k) outfall has been changed to an Interim Action in place of a Voluntary Corrective Action due to the very large amounts of soil which would have to be removed in order to reach regulatory guidelines. The interim action proposes to remove that soil where contamination levels are >100,000 cpm. About 180 cu yd of soil are contaminated at these levels. This interim action plan is being written for submission to DOE since only radionuclide contaminants are present. It is expected that this Interim Action will take place this fiscal year.

7. MAJOR ACCOMPLISHMENTS:

November 1995

The response to the NOD on the TA-31 RFI Report was been completed and sent to EPA.

Final inspection of the Tar Site (VCA C-0-041) by the US Forest Service concluded ER Project VCA activities for this site.

December 1995

Drilling for extent of contamination was completed with five 40 ft. boreholes for SWMU 0-033, diesel UST, north of Warehouse #3, at the 6th Street Warehouse investigation.

The Waste Oil UST at PRS 0-032 was removed from the former Zia Motor Pool site according to the VCA Plan.

January 1996

The final draft of the RFI report for SWMU 21-029 (DP Tank Farm) was completed and sent to the EPA.

The following three phase II Sampling and Analysis Plans were completed submitted to the EPA: SWMUs 21-024(i), 21-024(c), and 21-027(a), outfalls and septic systems.

NMED UST Bureau concurred that we have determined extent of TPH contamination and No Further Action is necessary at SWMU 0-033, the diesel UST removed during the Sixth Street Warehouse investigation.

February 1996

The NOD response for the TA-3, 59, 60, 61, (former OU 1114) RFI Work Plan, Addendum 1, was completed and sent to the EPA on February 7, 1996.

The NOD response for PRS 3-010(a) RFI report was completed and sent to the EPA on February 7, 1996.

The NOD response for the TA-10 Firing Sites RFI was completed and sent to the EPA on February 16, 1996.

Submitted the Aggregate F (TA-1) NOD Response to the EPA.

The Sampling and Analysis Plan for PRS 21-018(b) was completed and sent to the EPA on February 28, 1996.

Submitted the RFI Report for PRS 0-039 to the EPA, February 28, 1996.

The TA-3, 59, 60, 61 RFI Report was delivered to EPA, February 29, 1996.

Reporting Period: 6/1996

ADS/TTP #: ALLA-2001- -

WBS #: 1.4.2.6.1.1

Narrative (Continued):

The NOD response for the TA-32 RFI and PH 2 SAP was completed and sent to the EPA on February 29, 1996.

A paper entitled, "Migration of Sr-90, Cs-137, and Pu-239/240 in a Canyon Below a Los Alamos Outfall" was presented at Waste Management '96.

March 1996

The VCA Plan for PRSs 32-001 and 32-003 has been completed and submitted to the DOE.

The sampling and analysis re-plan for the subsurface investigation for MDA T has been completed and submitted to the EPA.

The NOD response for the TA-45 RFI was completed and sent to the EPA on March 1, 1996.

The TA-45 Rad addendum report was completed and submitted to the DOE on March 15, 1996.

The RFI Report for TA-1 Aggregates A, B, H, I, and J was submitted to the EPA.

The RFI Report for TA-1 Aggregates C and D was submitted to the EPA.

The RFI Report for TA-1 Aggregates E and G was submitted to the EPA.

All FY95 VCA Completion Final Reports were submitted to DOE.

April 1996

The VCA Plan for PRSs 32-002 (a,b) and 32-004 has been completed and submitted to the DOE .

The VCA Report for C-0-042 was completed and submitted.

The VCA Plan for 21-029 has been completed and submitted to the DOE.

The RFI Report for the Central area at TA-10 (SWMUs 10-002(a,b), 10-003 (a-o), 10-004(a,b), 10-005, and 10-007) has been completed and was

submitted to the EPA on April 22, 1996.

The RFI Report for TA-1 Aggregates K, L, M, and O was submitted to the EPA April 12, 1996.

May 1996

Completed VCA at DP Tank Farm (PRS 21-029).

Completed VCA at TA-32, former transformer area (PRS 32-003).

Completed VCAs at TA-32, PRS 32-002(a,b) and PRS 32-004.

The Remedial Action Plan for PRS 1-001(d) was revised (Revision 1) and submitted to NMED.

The RFI report for PRSs 0-004, 0-010(b), and 0-030(b), and 0-033(b); (6th St. Warehouse) was submitted to NMED and EPA on May 23, 1996.

June 1996

The RFI Report Rad Addendum has been completed for the Subsurface aggregate at TA-10 (SWMUs 10-002(a,b), 10-003 (a-o), 10-004(a,b), 10-005, and 10-007) June 3, 1996.

All of the Weston Legacy Waste (waste left from field activities 1994) was disposed of.

The RFI report for PRSs 21-004(a-c) and 21-028(d,e) was submitted to NMED/EPA, June 14, 1996.

Septic Tank 0-030 (a) VCA activities were completed.

Septic Tank 0-030 (i) VCA activities were completed.

Sampling of TA-1, Aggregate P (the base fill material under Trinity Drive) was completed.

Sampling of PRSs 73-002 and 73-006, and outfall drainages were completed.

DATE PRINTED: 07/17/1996

PTS - PROGRAM MANAGER'S REPORT

Page: 18

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PROJECT MANAGER'S RATINGS

No ratings available.

Reporting Period: 6/1996

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 95 Unobl. Bal.	FY 95 Tot. Uncost.Obl.	FY 96 New Obl. Auth.	Total Avail.	FIS Obl. YTD 6/96	Prelim. Obl YTD	FIS Cost YTD 6/96	Prelim. Cost YTD	Proj'd Cur. Yr-End EstCo	End FY 96 Unobl. Bal.	FY 96 Tot. Uncost.Obl.
OE EW2010301	0	9	0	9	691	0	988	1,999	647	0	19
OE EW2010302	0	144	0	144	4,551	0	5,504	1,309	5,314	0	159
OE EW2010304	0	0	0	0	1,178	0	428	11	0	0	0
Totals:	0	153	0	153	6,420	0	6,920	3,319	5,961	0	178

(Preliminary actuals as of February/96; Actuals as of June/96.)

EXPENDITURE RATE (\$000)

MONTH	-----MONTHLY-----						-----CUMULATIVE-----				
	BCWS	BCWP	Prelim	ACWP	SCHED VAR	COST VAR	BCWS	BCWP	ACWP	SCHED VAR	COST VAR
10	1,126	544	948	948	-582	-404	1,126	544	948	-582	-404
11	508	277	-33	-33	-231	310	1,634	821	915	-813	-94
12	501	587	609	609	86	-22	2,135	1,408	1,524	-727	-116
1	-7	277	264	264	284	13	2,128	1,685	1,788	-443	-103
2	890	356	1,531	1,531	-534	-1,175	3,018	2,041	3,319	-977	-1,278
3	907	549	0	1,091	-358	-542	3,925	2,590	4,410	-1,335	-1,820
4	659	1,386	0	1,043	727	343	4,584	3,976	5,453	-608	-1,477
5	464	997	0	-1,430	533	2,427	5,048	4,973	4,023	-75	950
6	416	248	0	2,897	-168	-2,649	5,464	5,221	6,920	-243	-1,699
7	354	---	---	---	---	---	---	---	---	---	---
8	249	---	---	---	---	---	---	---	---	---	---
9	186	---	---	---	---	---	---	---	---	---	---
	<u>6,253</u>	<u>5,221</u>	<u>3,319</u>	<u>6,920</u>	<u>-243</u>	<u>-1,699</u>					

Reporting Period: 6/1996

ADS/TTP #: ALLA-2002- -

WBS #: 1.4.2.6.1.2

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

ACWP	BCWP	BCWS
29,245	26,382	26,382

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

FY97	FY98	FY99	FY00	FY01
5,788	5,655	5,622	6,144	5,446

TOTAL PROJECT PLAN

BAC	70,059	Budgeted Mgmt Reserve	0
EAC	70,059	Remaining Mgmt Reserve	0
TEC	0	Planning Contingency	0
TPC	70,059	Remaining Contingency	0
		Planned R & U	0
		Remaining R & U	0

MILESTONE REPORT

LEV	TITLE		STATUS	PLANNED	FORECAST	ACTUAL	MILE CATEGORY	FLOAT
1	TA-18 EPA DRAFT COMPLETE	RFI RPT	Completed	10/31/1995	/ /	11/07/1995	CAT1	0

COMMENT:
Completed.

1	TA-18 DOE DRAFT COMPLETE		Completed	10/31/1995	/ /	10/31/1995		0
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COMMENT:
Completed.

1	PRS:36-003,C-36-001 EPA DRAFT REPORT COMPLETE		Completed	11/04/1995	/ /	11/04/1995	CAT3	0
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COMMENT:

Reporting Period: 6/1996

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.)

Completed.

1	TA-18 EPA DRAFT COMPLETE	RFI RPT	Completed	11/07/1995	/ /	11/07/1995	CAT3	0
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COMMENT:

Completed.

1	TA-15 FIELDWORK EPA DRAFT COMPLETE	RFI RPT	Completed	11/09/1995	/ /	11/09/1995	CAT3	0
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COMMENT:

Completed.

1	TA-12 L-SITE AGGRGT EPA DRAFT COMPLETE	RFI RPT	Completed	02/20/1996	/ /	02/28/1996	CAT1	0
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COMMENT:

Completed.

1	TA-14 Q-SITE AGGRGT EPA DRAFT COMPLETE	RFI RPT	Completed	02/20/1996	/ /	02/28/1996	CAT1	0
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COMMENT:

Completed.

1	TA-15 OU# 1086 EPA DRAFT COMPLETE	PH2 RPT	Overdue	03/19/1996	08/15/1996	/ /	CAT1	0
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Reporting Period: 6/1996

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:

RFI Report was submitted to EPA on the 2nd of Jan 1996. We are still awaiting comment results from EPA, "on" PHI, in order to commence with PH2.

1	TA-20/53/72 EPA DRAFT COMPLETE RFI RPT	Completed	03/19/1996	/ /	03/19/1996	CAT3	0
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COMMENT:

Completed.

1	TA-15 1995 SAMPLING SEASON EPA DRAFT COMPLETE	Completed	05/22/1996	/ /	05/22/1996	CAT3	0
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COMMENT:

Completed.

1	PRS:36-001/4/6 EPA DRAFT REPORT COMPLETE	Completed	06/26/1996	/ /	06/19/1996	CAT3	0
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COMMENT:

Completed.

1	TA-15 FIELDWORK DOE DRAFT COMPLETE	On Schedule	08/01/1996	/ /	/ /		0
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COMMENT:

On schedule.

1	TA-39 PRS 39-002(A) EPA DRAFT REPORT COMPLETE	Forecast Delay	09/20/1996	01/28/1997	/ /		0
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COMMENT:

Reporting Period: 6/1996

ADS/TTP #: ALLA-2002- -

WBS #: 1.4.2.6.1.2

MILESTONE REPORT Continued

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

COMMENT (cont.)

New findings at the site, have determined that this Expedited Cleanup, be converted into a Voluntary Corrective Action that will start on 01 Oct 96. The new projected date for the new milestone is 26 Feb 97.

1	TA-39 COMPOSITE RPT EPA DRAFT COMPLETE	On Schedule	09/30/1996	/ /	/ /		0
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COMMENT:

On schedule.

1	TA-36: EPA DRAFT REPORT COMPLETE	EC	On Schedule	12/06/1996	/ /	/ /	0
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COMMENT:

On schedule.

1	TA-15 FIELDWORK EPA DRAFT COMPLETE	RFI RPT	On Schedule	04/16/1997	/ /	/ /	CAT3	0
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COMMENT:

On schedule.

1	TA-39 PRS 39-006(A)EPA DRAFT REPORT COMPLETE	EC	On Schedule	05/01/1997	/ /	/ /		0
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COMMENT:

On schedule.

Reporting Period: 6/1996

ADS/TTP #: ALLA-2002- -

WBS #: 1.4.2.6.1.2

Narrative

1. Significant Problems/Issues/Concerns:

Units 1085/1086:

Due to budgetary constraints, all VCA and IA activities that have associated costs have been halted effective June 28, 1996.

Formal review of the VCA Plan for PRS 14-003 by the Laboratory and the DOE were conducted. The comments from the reviewers were returned 5 to 10 days passed the scheduled due date.

Formal review of the IA plans for PRSs 15-006 (c), 15-004(f), 15-007(c), and 15-008(a) by the Laboratory and DOE were conducted. Comments from the required reviewers were returned from 2 days to on week passed the scheduled due date.

Unit 1093:

None.

Unit 1100:

None.

Unit 1130:

None.

Unit 1132:

Because of budgetary constraints, the VCA proposed for 39-002(a) will not be performed in FY96.

2. Corrective Action:

Units 1085/1086:

Resumption of work on VCAs and IAs will take place when budgetary constraints have been resolved.

Unit 1132:

NARRATIVE

The VCA proposed for 39-002(a) is tentatively scheduled for FY97.

3. Summary Assessment:

Unit 1093:

A corrective action plan was prepared for groundwater contamination associated with the drainfield of PRS 18-003(d). It has yet to be approved by ES&H and the NMED Groundwater Division.

4. Cost Status:

Cost Performance Report:

Current Period: \$(2649)K, or -1068%

FY to Date: \$(1699)K, or -33%

Field Unit 2's cost variances for this current period and FY to date are still being investigated. We are still in the process of actualizing from unanticipated costs that were incurred earlier which are being booked now.

5. Schedule Status

Cost Performance Report:

Current Period: \$(168)K, or -40.2%

FY to Date: \$(243)K, or -4%

Overall, Field Unit 2's schedule variance for the current period was due to putting some Interim Actions and Voluntary Corrective Actions on hold due to budgetary constraints due to unanticipated costs incurred in FY95 and being booked in FY96. Field Unit 2's schedule FY to date variance has improved over the past reporting period.

6. Technical Status:

Reporting Period: 6/1996

ADS/TTP #: ALLA-2002- -

WBS #: 1.4.2.6.1.2

Narrative (Continued):

Units 1085/1086:

The VCA cleanup of contaminated soil for PRS 14-001(f), the Bullet Test Facility, was completed on schedule. The HE Spot Test indicated the presence of HE in the soil. Soil samples were taken during the cleanup process. Due to the presence of HE in the soil, samples were sent to DX-2 for determination of the percentage of HE. The highest level was 2044 mg/kg, 0.2% of the SAL allowable amount. There were no visible pieces of HE found. The volume of soil removed was approximately 20 cubic yards (3.3 B-25 containers) versus the estimated five(5) 55-gallon drums. This increased volume of waste was reported to the DOE and to CST-5.

The contract for renting the Ocean Cargo Container (Transportainer) with Maloy Mobil Storage was terminated. Maloy Mobil removed the transportainer from TA-15 on June 28, 1996.

The field team assisted personnel of DX-Division, the LANL Fire Department, FSS-20 and JCI in their efforts in cleaning various locations of trees, shrubs, and tall grass in an effort to reduce the fire danger in TA's 12, 14 and 15.

B-25 containers were purchased and located at TA-14 near PRS 14-003 (Burn Area) in preparation for the VCA cleanup that is scheduled.

Unit 1093:

Waste drums from pumping of TA-18 septic tanks, PRSs 18-003(a-d), were moved to a <90 day storage facility. Samples were collected of wastes for treatability studies and to assess stabilization.

The missing fuel oil tank, PRS 18-008, recommended for NFA in the OU1093 RFI Report of October 1995, section 4.3.1, was located by a JCI crew laying a gas line. The fuel tank will be removed in July as part of the UST program and sampled as part of the ER Program.

Unit 1100:

Lagoon IA field work completed on 53-002(a).

Continued to perform Risk Assessment on 1995 Lagoon data.

Unit 1130:

The team has worked on the IA Plan for PRS 36-001.

The team has reviewed treatment technologies to reduce the mixed waste issue to low level rad and they are continuing to work on the VCA Plan for the PRS 36-003(b) Holding Tank. The Report is due July 22, 1996.

Unit 1132:

Contour mapping was completed using radiological screening data for TA-39. Site maps are being generated for the RFI Report showing sample locations and listing contaminants found at levels exceeding SALs. Borehole geophysics data (collected at the landfill periphery, 39-001(b), was examined to explain the geophysical anomalies that were noted. These anomalies appear to be indicative of fissures that contain moisture.

7. Major Accomplishments:

June 1996

Unit 1085/1086:

The VCA cleanup of contaminated soil for PRS 14-001(f), the Bullet Test Facility, was completed on schedule.

The VCA cleanup of contaminated soil for PRS 12-001(a), the Steel Firing Pit, was completed ahead of schedule. The volume of waste generated from the cleanup was 1.3, 55-gallon drums.

A Storm Water Pollution Prevention (SWPP) Plan was written for all the VCA and IA activities scheduled for FY96. Under advisement from ESH-18, the SWPP Plan was revised to include only PRS 14-003, the only potential release site for contaminants. The revised SWPP Plan was submitted to Mike Alexander of ESH-18 for approval.

Unit 1093:

The UST at PRS 18-008 was located by JCI.

Unit 1100:

Finished revising Lagoon Closure Plan with the exception of the land use portion, which is awaiting NMED/DOE direction.

Reporting Period: 6/1996

ADS/TTP #: ALLA-2002- -

WBS #: 1.4.2.6.1.2

Narrative (Continued):

Unit 1130:

The RFI Report for PRS 36-002 is complete and was submitted for DOE review on June 19, 1996.

The Summary of 1994 Field Activities at TA-36 is complete and a copy has been sent to the RPF.

Unit 1132:

Data validation is now complete for all data, including the 1996 data that was processed by the SMO.

The data usability evaluation for all data sets is also complete, and a draft Chapter 4 has been written for the RFI Report.

May 1996

Units 1085/1086:

The RFI Report for the 1086 FY95 sampling season was submitted TO DOE/EPA on May 22, 1996, two (2) months ahead of schedule.

The Geophysical Survey of PRS 15-007(a) MDA N has been completed.

The Readiness Review for the 1996 summer field work was held May 24, 1996.

Unit 1093:

All septic tanks at TA-18 have been pumped out and triple rinsed to remove mixed waste.

Unit 1130:

The team completed the RFI Report draft and submitted it for internal review in May, 1996.

The team completed the Interim Action at MDA A in May, 1996.

Unit 1132:

Data validation is complete for all 1994, 1995 and 1996 direct-ship analysis.

April 1996

Unit 1086:

Writing was completed on the OU 1086 RFI Report. It will be submitted for LANL review and comment on May 3, 1996, and comments will be reviewed and considered for incorporation. The RFI Report is due to the EPA on May 22, 1996.

Waste Characterization Plans were written and reviewed for the VCA and IA work schedules for FY96.

Unit 1093:

Completed the Interim Action Plan for 18-003(a,b,c,d,g).

Unit 1130:

The Interim Action plan was written, all pre-field work preparations were completed for the 36-001 Interim Action, and a Readiness Review was conducted.

Unit 1132:

Data validation is substantially complete for all 1994 and 1995 analytical data. The data usability evaluation for these two data sets is approximately 90% complete.

A draft field activities report for 1994 (investigation at landfill periphery near PRSs 39-001(a,b), was completed. All waste from 1994 was disposed. Building 39-69, a satellite storage area, contains 7-8 drums of waste from 1995. Paperwork for disposal is in progress.

March 1996

Unit 1100:

Completed and submitted the RFI report for PRSs 20-002(A-D), 20-003(B-C), and 72-001 on March 18, 1996 to EPA for review and approval.

Unit 1130:

The completion of drilling activities at MDA AA concluded the 1995 Field Season. All equipment was decontaminated and screened for radioactivity. The final release of equipment and supplies was conducted by an RCT. All TA-36 sample locations and select geomorphic

Reporting Period: 6/1996

ADS/TTP #: ALLA-2002- -

WBS #: 1.4.2.6.1.2

Narrative (Continued):

features were surveyed.

Unit 1132:

The field team completed excavation of the landfill test pits (PRSs 39-001(A,B) and performed sampling at the PRS 39-006(A), the active and inactive tanks. All site investigation work scheduled for FY 96 is now complete. The only remaining investigation work to be performed at TA-39 is the excavated soil dump, which is slated to occur in FY 97. Drill cuttings and materials collected during investigations at PRSs 39-001(A,B) were returned to the site as cover protection. The empty 55-gallon drums were turned over to CST. This process eliminated large amounts of non-contaminated waste from going to the TA-54 landfill. Draft responses to NOD comments received in January on the TA-39 RFI report were submitted to DOE on March 5, 1996. Comments were incorporated, and the final document entered the LANL signature queue on March 27, 1996. The LANL/DOE response is due to EPA on April 9, 1996. A draft field activities report for the 1995 firing site investigation was completed and subsequently revised.

February 1996

Unit 1085/1086:

LANL/DOE Review of TA-12/67 and TA-14 RFI report completed on 14 February 1996.

TA-12/67 and TA-14 RFI report mailed to EPA on February 16, 1996.

Unit 1130:

The 1994 Summary of the Survey and Sampling Activities for 1994 have been completed during this reporting period.

Unit 1132:

The risk assessment team completed its data usability assessment on the analytical results from the sampling performed around the periphery of the landfills, taken in 1994. The team has completed most of the data usability assessment of the firing site data collected during the 1995 field season. The HE analytical data must be validated.

January 1996

Unit 1132:

Bldg. 100 has been removed. The field team can now collect samples of the chemical seepage pit/septic tank portion of 39-006(a). Upon review of the analytical results, a decision on whether or not to NFA the site will be determined. Waste profiling was accomplished prior to submittal of CMDR for the liquid and PPE waste disposal.

Unit 1085/1086:

Completed TA-12/67 and TA-14 RFI report and submitted for LANL and DOE review January 18, 1996. Conducted a formal DOE site visit of the various PRSs within ADS 1085/1086 scheduled for remediation during FY96. Issued a SOW to BUS-5 requesting services of Geophex to provide geophysical services for MDA-N of ADS 1086. Properly disposed of three 55 gallon barrels of RFI-generated waste water collected during field activities.

Unit 1130:

Completed trench delineation at PRS 36-001 MDA-AA
Sampled the North Burn Pits and PRS 36-001 MDA-AA

December 1995

Unit 1132:

Sampling plans completed for the pit, 39-001(b), and soil dump, 39-88, at TA-39. Attended to 1995 waste drum storage, retarped several drum sets, provided labels, conducted inspections, and prepared and submitted CMDRs for the liquid and PPE waste disposal.

Unit 1085/1086:

RFI Report covering field activities accomplished during summer of 1995 continues. The report is approximately 75% complete. A meeting between DOE/LAEO and Field Personnel was held and it was determined that various PRSs proposed for cleanup in FY96 would be handled as VCAs rather than ECs.

Unit 1130:

Reporting Period: 6/1996

ADS/TTP #: ALLA-2002- -

WBS #: 1.4.2.6.1.2

Narrative (Continued):

An NOD from EPA for the RFI Report for PRS 36-002 was completed by ICF Kaiser. ICF Kaiser prepared a replacement figure, clarified the method used for analyzing HE samples, and addressed risk assessment issues.

Completed sampling the following PRSs:

PRS 36-004(a) Eenie Firing Site.

PRS 36-006 Skunk Works Surface Disposal Area.

Subsurface samples at the southern burn pit.

Unit 1100

Finished sampling effort at TA-53 surface impoundments.

Prepared a rough draft of the RFI Report.

November 1995

Unit 1132:

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

the excavated soil dump or the landfill test pits.

Unit 1093:

TA-18 PRS 18-003(a-d) RFI Report submitted to EPA on Nov. 7, 1995

Unit 1086:

The RFI Report for fieldwork conducted in 1994 was submitted to the EPA on Nov. 1, 1995.

Unit 1130:

Completed sampling the Skunk Works Surface Disposal Area on Nov. 1995.

Samples

sent to Pace Laboratories for analysis.

Completed field mobilization activities to resume sampling following EC/VCA

work.

Completed XRF/Rad surveys for sampling locations at PRS 36-006 Skunk Works

and

PRS 36-004(a) Eenie Firing Site.

Completed sampling PRS 36-006 Skunk Works Surface Disposal Area.

October 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.

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.

Unit 1093:

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

Unit 1085/1086:

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

Initial field screening at R44 indicates elevated Rad., Du, Be, and Pb

present. Further field screening activities will be conducted.

DATE PRINTED: 07/17/1996

PTS - PROGRAM MANAGER'S REPORT
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PROJECT MANAGER'S RATINGS

No ratings available.

Reporting Period: 6/1996

ADS/TTP #: ALLA-2003- -

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EXPENDITURE RATE (\$000) Continued

-----MONTHLY-----

-----CUMULATIVE-----

MONTH	BCWS	BCWP	Prelim	ACWP	SCHED VAR	COST VAR	BCWS	BCWP	ACWP	SCHED VAR	COST VAR
	<u>5,069</u>	<u>2,495</u>	<u>1,236</u>	<u>2,984</u>	<u>-776</u>	<u>-489</u>					

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

ACWP	BCWP	BCWS
18,852	17,231	17,231

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

FY97	FY98	FY99	FY00	FY01
4,840	4,760	4,666	4,854	4,689

TOTAL PROJECT PLAN

BAC	51,523	Budgeted Mgmt Reserve	0
EAC	51,523	Remaining Mgmt Reserve	0
TEC	0	Planning Contingency	0
TPC	51,523	Remaining Contingency	0
		Planned R & U	0
		Remaining R & U	0

MILESTONE REPORT

LEV	TITLE	STATUS	PLANNED	FORECAST	ACTUAL	MILE CATEGORY	FLOAT
1	TA33:AGG.VCA.3 EPA REPORT COMPLETE	Overdue	03/29/1996	08/23/1996	/ /		0

COMMENT:

TA-33 VCA3 RFI report delayed due to delay in field work.Draft was SUBMITTED ON JUN 14 and is now in the review process for 4 of 5 PRS's. The fifth PRS will be in a second report 9/30

1	TA46: FY94 SG 1 EPA DRAFT RPT COMP	RFI RPT	Completed	06/03/1996	/ /	06/03/1996 CAT3	0
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COMMENT:

Reporting Period: 6/1996

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	TA16:AGG.EC.1 EPA DRAFT REPORT COMPLETE	Forecast Delay	08/06/1996	11/01/1996	/ /		0
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COMMENT:

EC SLIPPED TO FY97 DUE TO FUNDING

1	TA16:AGG.EC.3 EPA DRAFT REPORT COMPLETE	On Schedule	08/08/1996	/ /	/ /		0
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COMMENT:

** This milestone has been identified for deletion, since it has been re-scheduled outside the reporting window.

1	TA16:AGG.EC.1 EPA APPROVES EC REPORT	Forecast Delay	08/19/1996	11/15/1996	/ /		0
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COMMENT:

EC SLIPPED TO FY97 DUE TO FUNDING

1	TA16:AGG.EC.3 EPA APPROVES EC REPORT	On Schedule	08/22/1996	/ /	/ /		0
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COMMENT:

** This milestone has been identified for deletion, since it has been re-scheduled beyond the current reporting window.

1	TA16: AGG.EC 2 EPA DRAFT REPORT COMPLETE	On Schedule	09/05/1996	/ /	/ /		0
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Reporting Period: 6/1996

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:

** This milestone has been identified for deletion, since it has been re-scheduled beyond the current reporting window.

1	TA16: AGG.EC 2 EPA APPROVES EC REPORT	On Schedule	09/19/1996	/ /	/ /		0
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COMMENT:

** This milestone has been identified for deletion, since it has been re-scheduled beyond the current reporting window.

1	TA16:AGG.EC.4 EPA DRAFT REPORT COMPLETE	On Schedule	09/30/1996	/ /	/ /		0
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COMMENT:

On schedule.

1	TA16: EPA PRI DRAFT RFI REPORT COMPLETE	On Schedule	09/30/1996	/ /	/ /	CAT3	0
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COMMENT:

On schedule.

1	TA16:AGG.EC.4 EPA APPROVES EC REPORT	On Schedule	10/15/1996	/ /	/ /		0
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COMMENT:

On schedule.

1	TA46:AGG.VCA 1 EPA REPORT COMPLETE	On Schedule	01/24/1997	/ /	/ /		0
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COMMENT:

MILESTONE REPORT Continued

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

On schedule.

1	TA33:AGG.VCA.2 EPA REPORT COMPLETE	On Schedule	02/03/1997	/ /	/ /		0
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COMMENT:

On schedule.

1	TA16:AGG.EC.5 EPA DRAFT REPORT COMPLETE	On Schedule	03/14/1997	/ /	/ /		0
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COMMENT:

On schedule.

1	TA16:AGG.EC.6 EPA DRAFT REPORT COMPLETE	On Schedule	03/14/1997	/ /	/ /		0
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COMMENT:

On schedule.

1	TA16:AGG.EC.5 EPA APPROVES EC REPORT	On Schedule	03/28/1997	/ /	/ /		0
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COMMENT:

On schedule.

1	TA16:AGG.EC.6 EPA APPROVES EC REPORT	On Schedule	03/28/1997	/ /	/ /		0
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Reporting Period: 6/1996

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.

NARRATIVE

Narrative

1. Significant Problems/Issues/Concerns:

The concern has not changed from last month. Data from the 1995 sampling campaign at TA-16 is only 80% available in FIMAD. This causes the process of assembling data for review and decision making to be done very inefficiently by hand entry. The TA-16 RFI Report will cost more than the original estimate and could be delayed.

2. Corrective Action:

Additional costs for the TA-16 RFI Report will cause a cost variance for that activity; other activities will suffer a schedule variance to compensate for the additional funds required. Schedule adjustments will be made in the FY 97 replan. Jorg Jansen has been advised of the situation, he will place a priority on fixing the FIMAD interface and will apply ER Project resources to remedy the problem.

3. Summary Assessment:

The accelerated cleanup of the 90's Line at TA-16 is proceeding in conjunction with the D&D activity. Field work is 90% complete. Phase I/II sampling has started at TA-33, this activity will proceed through July. PRSs will be sampled during this activity.

4. Cost Status:

Cost Performance Report:

Current Period: (\$15K) or -4%

FY to Date: (\$489K) or -20%

The TA-16 RFI Report will continue to operate in an overrun condition until the FIMAD data problem is resolved.

5. Schedule Status:

Schedule Performance Report:

Current Period: (\$14K) or -4%

FY to Date: (\$776K) or -2%

The majority of the schedule variance will be corrected during the baseline replanning.

The TA-16 Ag outfall and Burning Ground EC field work has been deferred until 1997, \$359k of the variance is attributable to this decision and will be corrected in the FY97 baseline replan. TA-33 fieldwork was delayed until spring because of continuing resolution funding limits, caused approximately \$194k variance. Preparation for TA-46 fieldwork shows approximately \$224k behind schedule, this activity was delayed because of continuing resolution funding limits.

The response to NOD for OU 1082 WP3 causes a \$25k variance because it has not yet been received from EPA. The completion date for this activity was established per programmatic schedule guidance.

6. Technical Status:

The joint D&D and ER cleanups are continuing.

7. Major Accomplishments:

October 1995

TA-16 PRS 16-011 twelve (12) roll offs of hazard waste were removed.

Reporting Period: 6/1996

ADS/TTP #: ALLA-2003- -

WBS #: 1.4.2.6.1.3

Narrative (Continued):

November 1995

TA-33 fieldwork for 3 VCAs has been completed.

December 1995

Submitted TA-33 RFI Report.

TA-33 fieldwork for 1 VCA has been completed.

Three interim measures completed at TA-33.

January 1996

Completed replanning baseline to revised budget.

Completed data assessment for TA-46 RFI Report.

February 1996

Rough draft of TA-46 RFI Report issued for internal review.

March 1996

Received NOD for TA-33 RFI Report and completed draft response.

Started 90's Line VCA at TA-16 in conjunction with D&D.

April 1996

Started TA-33 U contaminated soils technology demonstration pilot project.

Submitted TA-33 MDA-K NOD response to DOE.

May 1996

Completed replan.

Completed Phase 2 at MDA-K & E.

DATE PRINTED: 07/17/1996

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• Reporting Period: 6/1996

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WBS #: 1.4.2.6.1.3

PROJECT MANAGER'S RATINGS

No ratings available.

Reporting Period: 6/1996

ADS/TTP #: ALLA-2004- -

WBS #: 1.4.2.6.1.4

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

Installation: LOS ALAMOS NATIONAL LABORATORY

Category: ER

Project Title: AL LAB ER (MSA)

Program Manager's-- FO: DEBORAH GRISWOLD

(505)845-4752

Start Date: 01/01/1995

HQ: BILL SPURGEON

(301)903-8187

Completion Date: 10/03/2009

B&R Code	ANNUAL TOTALS (\$000)										
	PY	PY	CY	CY	CY	CY	CY	CY	CY	PC	PC
	End FY 95 Unobl. Bal.	FY 95 Tot. Uncost.Obl.	FY 96 New Obl. Auth.	Total Avail.	FIS Obl. YTD 6/96	Prelim. Obl YTD	FIS Cost YTD 6/96	Prelim. Cost YTD	Proj'd Cur. Yr-End EstCo	End FY 96 Unobl. Bal.	FY 96 Tot. Uncost.Obl.
OE EW2010301	0	2	0	2	3,397	0	1,815	1,730	1,524	1	47
OE EW2010302	0	53	0	53	3,633	0	3,599	737	4,943	0	149
Totals:	0	55	0	55	7,030	0	5,414	2,467	6,467	1	196

(Preliminary actuals as of February/96; Actuals as of June/96.)

EXPENDITURE RATE (\$000)

MONTH	-----MONTHLY-----						-----CUMULATIVE-----				
	BCWS	BCWP	Prelim	ACWP	SCHED VAR	COST VAR	BCWS	BCWP	ACWP	SCHED VAR	COST VAR
10	207	154	184	184	-53	-30	207	154	184	-53	-30
11	379	321	257	257	-58	64	586	475	441	-111	34
12	381	124	573	573	-257	-449	967	599	1,014	-368	-415
1	-24	343	468	468	367	-125	943	942	1,482	-1	-540
2	392	312	985	985	-80	-673	1,335	1,254	2,467	-81	-1,213
3	448	527	0	364	79	163	1,783	1,781	2,831	-2	-1,050
4	446	686	0	619	240	67	2,229	2,467	3,450	238	-983
5	1,076	872	0	1,033	-204	-161	3,305	3,339	4,483	34	-1,144
6	1,005	658	0	931	-347	-273	4,310	3,997	5,414	-313	-1,417
7	930	---	---	---	---	---	---	---	---	---	---
8	824	---	---	---	---	---	---	---	---	---	---
9	536	---	---	---	---	---	---	---	---	---	---
	<u>6,600</u>	<u>3,997</u>	<u>2,467</u>	<u>5,414</u>	<u>-313</u>	<u>-1,417</u>					

Reporting Period: 6/1996

ADS/TTP #: ALLA-2004-

WBS #: 1.4.2.6.1.4

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

ACWP	BCWP	BCWS
21,835	21,606	21,606

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

FY97	FY98	FY99	FY00	FY01
5,026	5,432	7,814	7,153	6,005

TOTAL PROJECT PLAN

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

MILESTONE REPORT

LEV	TITLE	STATUS	PLANNED	FORECAST	ACTUAL	MILE CATEGORY	FLOAT
1	LACN: EPA DRAFT OF RFI WORK PLAN COMPLETE	Completed	11/27/1995	/ /	11/27/1995	CAT3	0

COMMENT:
Completed.

1	TA48: EPA DRAFT COMPLETE PH2 SAP	Overdue	05/01/1996	08/29/1996	/ /	CAT1	0
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COMMENT:
** This milestone has been identified for deletion. This milestone has been rescheduled by BCP 96-027, and will no longer appear in PTS once the BCP is approved. The NOD response from EPA/NMED for RFI Report for TA-48 was received on 28MARCH 96(scheduled receipt 16January 96 i.e., 10 weeks late).LANL is to provide a response to the list of NODs within 45 days of receipt of the letter from Benito Garcia(NMED) to Joseph C. Vozzella(LAAO) dated 22 MARCH 96.) The issue date of the "EPA DRAFT OF TA-48 PHASE 2 SAP" will be re-evaluated when the outcome of the NODs is known. We anticipate no Notices of Violation or fines on account of this milestone slip.

1	TA35: EPA DRAFT COMPLETE DEFHIU NFA RPT	Completed	05/06/1996	/ /	04/30/1996	CAT3	0
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COMMENT:

Reporting Period: 6/1996

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.)

Completed.

1	TA35: EPA DRAFT PH1 RPT AND PH2 SAP COMPL	Completed	06/05/1996	/ /	05/29/1996	CAT3	0
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COMMENT:

Completed.

1	CYNS: EPA DRAFT OF CORE DOC.CMPLT. CANYONS	On Schedule	07/01/1996	/ /	/ /	CAT3	0
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COMMENT:

On schedule.

1	TA35: EPA DRAFT COMPLETE STVMG NFA RPT	On Schedule	07/16/1996	/ /	/ /	CAT3	0
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COMMENT:

On schedule.

1	TA35: EPA DRAFT COMPL PH1 RPT/PH2 SAP STVMG	On Schedule	09/06/1996	/ /	/ /	CAT3	0
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COMMENT:

On schedule.

1	T4/5: EPA DRAFT COMPLETE NFA RPT	On Schedule	09/17/1996	/ /	/ /	CAT3	0
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Reporting Period: 6/1996
 ADS/TTP #: ALLA-2004- -
 WBS #: 1.4.2.6.1.4

LEV	TITLE	STATUS	PLANNED	FORECAST	ACTUAL	MILE CATEGORY	FLOAT
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COMMENT:
 ** This milestone has been identified for deletion since it has been re-scheduled beyond the current reporting window.

1	MORT: ISSUE MORT SMPL PLAN EPA/NMED/STK HLDR RVW	On Schedule	09/27/1996	/ /	/ /		0
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COMMENT:
 ** This milestone has been identified for deletion since it has been re-scheduled beyond the current reporting window.

1	T241: EPA DRAFT COMPLETE	NFA RPT	Forecast Delay	09/30/1996	12/18/1996	/ /	CAT2	0
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COMMENT:
 The resources are being reorganized for this RFI Report in an attempt to meet the scheduled date. No Notices of Violation or fines are anticipated on account of this milestone slip.

NARRATIVE

Narrative

The scheduled work incorporates only high priority PRSs, ECs and VCAs as well as 6 critical RFI reports. In addition, because of the concerns voiced by NMED and the native American tribes, a comprehensive pilot study has been included, covering Los Alamos and Pueblo Canyons.

1. Significant Problems/Issues/Concerns:
 Due to additional sampling and analyses for VCAs, Pilot studies, and RFI report requirements; actual cost have increased significantly above original baseline estimates.

2. Corrective Action
 Some ECs and VCAs scheduled in FY96 will be moved into FY97. In addition the TA-4, 5, 52, 55, 63 RFI report was not started and will be rescheduled in FY97.

3. Summary Assessment
 As the RFI reports continue to be developed, additional samples are required where previous sample results proved inconclusive. This iterative process of taking supplemental samples will continue until sufficient data is collected to complete the RFI activities.

The pilot study in Los Alamos/Pueblo Canyons is progressing satisfactorily and the results of data collected will be instrumental in producing the detailed schedules for the remaining canyon systems.

4. Cost Status
 Cost Performance Report
 Current Period: \$(273)K, or -41%

Reporting Period: 6/1996

ADS/TTP #: ALLA-2004- -

WBS #: 1.4.2.6.1.4

Narrative (Continued):

FY to Date: \$(1,417)K or -35%

The root causes for the cost variance are:

- a) additional sampling and analyses (canyons \$330K);
- b) additional sampling and data assessment to complete RFI reports (\$200K);
- c) late submittal of FY95 contractor invoices (\$400K);
- d) and sample management organization overhead rates were estimated below actual costs.

The cost variance impact will be reflected in EC/VCA schedules delayed into FY97.

5. Schedule Status

Schedule Performance Report

Current Period: \$(347)K, or -35%

FY to Date: \$(313)K or -7%

Current period performance reflects delay's to EC's and VCA's due to additional requirements for analytical data. In addition sometime was spent in collecting additional samples to facilitate decisions on RFI report production. RFI reports AGG-STVWG and TA-2 and TA-41 are currently behind schedule, but the deliverable dates are still expected to be met.

6. Technical Status

The slow down of progress in the 1st quarter of FY96, due to verbal guidance given by DOE, ALO, and LAAD offices, has had a negative impact on the to date period status. BCP #27 incorporates EC conversions to VCA's. Waste minimization techniques were very effective during the first nine months of this fiscal year, and the IDW and remediation waste are being removed from the sites in a timely manner.

7. Major Accomplishments

Continued with stakeholder involvement activities, and held meetings with

the Four Northern Accord Pueblos.

October 1995

Completed - TA-48 RFI Report

Completed 4th Quarter baseline sampling.

Completed response to EPA directed list of modifications for Mortendad sediment trap sampling.

Prepared draft response to NMED concerning apparent findings or management of Investigative Derived Waste (IDW).

November 1995

Issued EPA draft of Los Alamos/Pueblo Canyon Work Plan.

February 1996

Three VCA plans were written.

March 1996

Completion of the RAD survey and Geomorphic Mapping for the LA Canyon Pilot Study.

Completed the VCA for PRSs 35-009 b, c & d.

April 1996

Completed - EC 35-009(a) Septic System.

Issued RFI report for TA-35(NFA) for aggregates DEFHIU.

May 1996

Issued RFC report for TA-35 phase 2 SAP.

June 1996

Issued EPA draft of TA-35 AGG-STVWG (NFA report).

Completed internal draft Canyons Core Document.

DATE PRINTED: 07/17/1996

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Reporting Period: 6/1996

ADS/TTP #: ALLA-2004- -

WBS #: 1.4.2.6.1.4

Narrative (Continued):

Completed Reach LA-2 Los Alamos Canyon Pilot Study.



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Reporting Period: 6/1996
ADS/TTP #: ALLA-2004 -
WBS #: 1.4.2.6.1.4

PROJECT MANAGER'S RATINGS

No ratings available.

Reporting Period: 6/1996

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 95 Unobl. Bal.	FY 95 Tot. Uncost.Obl.	FY 96 New Obl. Auth.	Total Avail.	FIS Obl. YTD 6/96	Prelim. Obl YTD	FIS Cost YTD 6/96	Prelim. Cost YTD	Proj'd Cur. Yr-End EstCo	End FY 96 Unobl. Bal.	FY 96 Tot. Uncost.Obl.
OE EW2010301	0	7	0	7	2,550	0	3,618	3,068	2,802	0	84
OE EW2010302	0	103	0	103	2,928	0	3,295	750	3,898	0	117
OE EW2010304	0	0	0	0	626	0	125	69	0	0	0
Totals:	0	110	0	110	6,104	0	7,038	3,887	6,700	0	201

(Preliminary actuals as of February/96; Actuals as of June/96.)

EXPENDITURE RATE (\$000)

MONTH	-----MONTHLY-----						-----CUMULATIVE-----				
	BCWS	BCWP	Prelim	ACWP	SCHED VAR	COST VAR	BCWS	BCWP	ACWP	SCHED VAR	COST VAR
10	1,381	1,478	263	263	97	1,215	1,381	1,478	263	97	1,215
11	1,179	419	583	583	-760	-164	2,560	1,897	846	-663	1,051
12	1,217	411	586	586	-806	-175	3,777	2,308	1,432	-1,469	876
1	500	689	755	755	189	-66	4,277	2,997	2,187	-1,280	810
2	344	1,118	1,700	1,701	774	-583	4,621	4,115	3,888	-506	227
3	287	341	0	1,042	54	-701	4,908	4,456	4,930	-452	-474
4	297	233	0	1,185	-64	-952	5,205	4,689	6,115	-516	-1,426
5	322	989	0	986	667	3	5,527	5,678	7,101	151	-1,423
6	272	182	0	-63	-90	245	5,799	5,860	7,038	61	-1,178
7	328	---	---	---	---	---	---	---	---	---	---
8	227	---	---	---	---	---	---	---	---	---	---
9	542	---	---	---	---	---	---	---	---	---	---
	<u>6,896</u>	<u>5,860</u>	<u>3,887</u>	<u>7,038</u>	<u>61</u>	<u>-1,178</u>					

Reporting Period: 6/1996

ADS/TTP #: ALLA-2005- -

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

ACWP	BCWP	BCWS
32,483	32,281	32,281

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

FY97	FY98	FY99	FY00	FY01
5,597	5,496	5,494	5,995	5,264

TOTAL PROJECT PLAN

BAC	172,860	Budgeted Mgmt Reserve	0
EAC	172,860	Remaining Mgmt Reserve	0
TEC	0	Planning Contingency	0
TPC	172,860	Remaining Contingency	0
		Planned R & U	0
		Remaining R & U	0

MILESTONE REPORT

LEV	TITLE	STATUS	PLANNED	FORECAST	ACTUAL	MILE CATEGORY	FLOAT
1	TA50: SOIL SMP LG EPA DRAFT REPR T CMLT RFI PH1	Completed	12/06/1995	/ /	12/06/1995	CAT3	0

COMMENT:
Completed.

1	TA08: +09 EPA DRAFT RPRT CMLT SOIL SMP LG RFI REP	Completed	01/31/1996	/ /	03/18/1996	CAT1	0
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COMMENT:
Completed.

1	TA51: +54 STORM CHANNELS EPA DRFT CMLT RFI PH1	Completed	02/01/1996	/ /	02/01/1996	CAT3	0
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COMMENT:

Reporting Period: 6/1996

ADS/TTP #: ALLA-2005- -

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MILESTONE REPORT Continued

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

Completed.

1	TA54: MDA L EPA DRAFT COMPLETE RFI PH1	Overdue	04/03/1996	01/08/1997	/ /	CAT1	0
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COMMENT:

The predecessor activity to this milestone will not be worked in FY96. That activity and this milestone will be rescheduled in the FY97 Life Cycle Replan which will be completed in August. No notices of fines or violations are anticipated.

1	TA57: AREA 1 SOIL SMPLG EPA DRAFT CMPLT RFI RPT	Completed	04/03/1996	/ /	03/28/1996	CAT3	0
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COMMENT:

Completed.

1	TA49: AREA 2(PAD) EPA IM DRAFT REPORT COMPLT IM	Overdue	05/24/1996	10/01/1996	/ /	CAT1	0
---	---	---------	------------	------------	-----	------	---

COMMENT:

The predecessor activity to this milestone will not be worked in FY96. That activity and this milestone will be rescheduled in the FY97 Life Cycle Replan which will be completed in August. No notices of fines or violations are anticipated.

1	TA49: AREA 2/COLD CORING EPA DRAFT RPT CMPLT PH1	Overdue	06/26/1996	01/08/1997	/ /	CAT1	0
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COMMENT:

The predecessor activity to this milestone will not be worked in FY96. That activity and this milestone will be rescheduled in the FY97 Life Cycle Replan which will be completed in August. No notices of fines or violations are anticipated.

1	TA49: AREA 1,3-6+10-12 EPA DRFT REPORT COMPLT PH1	Overdue	06/27/1996	01/08/1997	/ /	CAT1	0
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Reporting Period: 6/1996

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:

The predecessor activity to this milestone will not be worked in FY96. That activity and this milestone will be rescheduled in the FY97 Life Cycle Replan which will be completed in August. No notices of fines or violations are anticipated.

1	TA50: SHALLOW BORING EPA DRFT RPRT CMLT RFI PH1	Completed	07/18/1996	/ /	03/28/1996	CAT3	0
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COMMENT:

Completed.

1	TA50: MDA C EPA DRAFT RPRT CMLT STAGE 1 RFI PH1	Forecast Delay	07/24/1996	10/31/1996	/ /	CAT2	0
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COMMENT:

The predecessor activity to this milestone will not be worked in FY96. That activity and this milestone will be rescheduled in the FY97 Life Cycle Replan which will be completed in August. No notices of fines or violations are anticipated.

1	TA06: +22 EPA DRAFT RPRT CMLT SOIL SMPLG RFI REP	Forecast Delay	08/08/1996	10/30/1996	/ /	CAT2	0
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COMMENT:

The predecessor activity to this milestone will not be worked in FY96. That activity and this milestone will be rescheduled in the FY97 Life Cycle Replan which will be completed in August. No notices of fines or violations are anticipated.

1	TA54: MDA G&H AIR/SOIL EPA DRFT REP CMLT RFI PH1	Forecast Delay	08/13/1996	04/03/1997	/ /	CAT2	0
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COMMENT:

The predecessor activity to this milestone will not be worked in FY96. That activity and this milestone will be rescheduled in the FY97 Life Cycle Replan which will be completed in August. No notices of fines or violations are anticipated.

1	TA54: MDA G EPA DRAFT RFI REPORT CMLT RFI PH1	Forecast Delay	08/27/1996	04/03/1997	/ /	CAT2	0
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COMMENT:

Reporting Period: 6/1996

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.)

The predecessor activity to this milestone will not be worked in FY96. That activity and this milestone will be rescheduled in the FY97 Life Cycle Replan which will be completed in August. No notices of fines or violations are anticipated.

1	TA54: MDA H START RFI REPORT (CORING) RFI PH1	On Schedule	09/10/1996	/ /	/ /	CAT3	0
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COMMENT:

On schedule.

1	TA09: MDA M EPA DRAFT REPORT COMPLETE EC REP	Forecast Delay	09/27/1996	01/07/1997	/ /		0
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COMMENT:

The predecessor activity to this milestone will not be worked in FY96. That activity and this milestone will be rescheduled in the FY97 Life Cycle Replan which will be completed in August. No notices of fines or violations are anticipated.

1	TA54: MDA H EPA DRAFT REPORT COMPLETE RFI PH1	On Schedule	12/17/1996	/ /	/ /	CAT3	0
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COMMENT:

On schedule.

1	TA40: FIRE.SITE SOIL SMPL EPA DRFT CMPLT RFI PH1	On Schedule	01/17/1997	/ /	/ /	CAT3	0
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COMMENT:

On schedule.

1	TA06: BLDG SITES SOIL SMPL EPA DRFT CMPL RFI PH1	On Schedule	01/17/1997	/ /	/ /	CAT3	0
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Reporting Period: 6/1996
 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	TA49: AREAS 5,6,11 EPA DRAFT REPORT CMPLT PH1	On Schedule	01/17/1997	/ /	/ /	CAT3	0
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COMMENT:
 On schedule.

1	TA09: SHALLOW BORING EPA DRFT REPORT CMPLT RFI	On Schedule	01/17/1997	/ /	/ /	CAT3	0
---	--	-------------	------------	-----	-----	------	---

COMMENT:
 On schedule.

1	TA54: MDA G&H EPA DRAFT REPORT COMPLETE RFI PH1	On Schedule	03/05/1997	/ /	/ /	CAT3	0
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COMMENT:
 On schedule.

1	TA09: SHALLOW BORING RFI REPORT CMPLT RFI RFI	On Schedule	03/20/1997	/ /	/ /	CAT3	0
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COMMENT:
 On schedule.

NARRATIVE

Reporting Period: 6/1996

ADS/TTP #: ALLA-2005- -

WBS #: 1.4.2.6.1.5

Narrative

1. Significant Problems/Issues/Concerns:

Higher costs than planned will cause negative variances which will impact milestones.

2. Corrective Action:

Sources of the cost variances have been identified. Resources are being reassigned as necessary, milestone extensions are being requested of the regulators.

3. Summary Assessment:

All RFI Reports in progress are expected to be delayed. VCA's will be delayed.

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

- * preparations for voluntary corrective actions
- * recontouring and reseeded at MDA-M (SMMU 9-013)
- * preparation of expedited cleanup report for MDA M
- * preparation of RFI reports
 - > soil sampling at TA-06 and -22
 - > passive venting of soil gasses at TA-54
- > surface sampling at TA-49
- > coring at TA-54 MDA L

- * regular monitoring
 - > pore gas for the MDA L plume at TA-54
 - > ponderosa pine hydrology study
 - > pinyon-juniper ecology study

Samples currently being analyzed include

* samples from drilling at TA-54 MDA G

Pilot studies on organic vapor extraction at MDA L and engineered covers for landfills are being suspended until October.

4. Cost Status:

Cost Performance Report:

Current Period: \$245K, or 135%

FY-to-Date: \$(1,178)K, or -20%

Additional unplanned costs are associated with processing of analytical results. The MDA M cleanup cost more than planned. The MDA M overrun is being covered by the ER Project Management Reserve. Additional unplanned costs, including costs from VCA's in FY95, are coming in.

5. Schedule Status:

Cost Performance Report:

Current Period: \$(90)K, or -33%

FY-to-Date: \$61K, or 1%

Current period schedule variance is the result of several activities being delayed until FY97.

6. Technical Status:

Continued development of the interim action plan for removal of the asphalt pad and installing an engineered cover at TA49, Area 2.

Permeability testing of boreholes at MDA J, H, C and G was completed. The cuttings were returned to the boreholes as these tests were completed.

Reporting Period: 6/1996

ADS/TTP #: ALLA-2005- -

WBS #: 1.4.2.6.1.5

Narrative (Continued):

MDA M fieldwork and restoration of the site was completed.

7. Major Accomplishments:

October 1995

Awarded contract for cleanup of MDA M.

November 1995

Started cleanup of MDA M.

December 1995

Completed drilling and sampling at TA54: MDA G.

Completed sampling of septic tanks at TAs 51 and 54.

January 1996

None to report.

February 1996

Completed waste removal work at MDA M.

Submitted TA-54 Channel Sediment Pathways RFI Report to the regulators.

March 1996

Submitted TA-08 and -09 Soil Sampling (Part 2), TA-50 Shallow Boring, and TA-57 Soil Sampling RFI Reports to the regulators.

April 1996

* Completed analysis of samples from the firing site at TA-40, multiple PRSS at TA-49, around

septic tanks at TA-51/54 and coring at TA-54 MDA H & J.

Received MOD from regulators on TA-50 Soil Sampling RFI Report.

May 1996

Responded to MOD from regulators on TA-50 Soil Sampling RFI Report.

Completed verification sampling and sample analyses at TA-09 MDA M.

Completed sample analyses at TA51/54 Septic Tanks.

Completed sample analyses at TA-40 Firing Site

Completed sample analyses at TA-49 Areas 1,3-6 and 10-12.

June 1996

Completed MDA M site restoration.

DATE PRINTED: 07/17/1996

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Reporting Period: 6/1996

ADS/TTP #: ALLA-2005- -

WBS #: 1.4.2.6.1.5

PROJECT MANAGER'S RATINGS

No ratings available.

Reporting Period: 6/1996

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		PC		PC	
	End FY 95	FY 95 Tot.	FY 96 New	Total	FIS Obl.	Prelim.	FIS Cost	Prelim.	Proj'd Cur.	End FY 96	FY 96 Tot.	Unobl. Bal.	Uncost.Obl.	Unobl. Bal.	Uncost.Obl.	
	Unobl. Bal.	Uncost.Obl.	Obl. Auth.	Avail.	YTD 6/96	Obl YTD	YTD 6/96	Cost YTD	Yr-End EstCo							
OE EW2010202	0	72	0	72	3,297	0	1,162	115	4,360	0	71					
OE EW2010302	0	0	0	0	0	0	0	0	0	0	0					
Totals:	0	72	0	72	3,297	0	1,162	115	4,360	0	71					

(Preliminary actuals as of February/96; Actuals as of June/96.)

EXPENDITURE RATE (\$000)

MONTH	-----MONTHLY-----						-----CUMULATIVE-----				
	BCWS	BCWP	Prelim	ACWP	SCHED VAR	COST VAR	BCWS	BCWP	ACWP	SCHED VAR	COST VAR
10	275	114	-7	-7	-161	121	275	114	-7	-161	121
11	126	123	110	110	-3	13	401	237	103	-164	134
12	145	61	38	38	-84	23	546	298	141	-248	157
1	20	115	-26	-26	95	141	566	413	115	-153	298
2	269	208	31	32	-61	176	835	621	147	-214	474
3	262	174	0	228	-88	-54	1,097	795	375	-302	420
4	264	128	0	137	-136	-9	1,361	923	512	-438	411
5	381	278	0	359	-103	-81	1,742	1,201	871	-541	330
6	323	163	0	291	-160	-128	2,065	1,364	1,162	-701	202
7	299	---	---	---	---	---		---	---	---	---
8	550	---	---	---	---	---		---	---	---	---
9	580	---	---	---	---	---		---	---	---	---
	<u>3,494</u>	<u>1,364</u>	<u>146</u>	<u>1,162</u>	<u>-701</u>	<u>202</u>					

Reporting Period: 6/1996

ADS/TTP #: ALLA-2006- -

WBS #: 1.4.2.6.1.6

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

ACWP	BCWP	BCWS
6,388	6,611	6,611

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

FY97	FY98	FY99	FY00	FY01
2,864	1,650	991	2,301	2,499

TOTAL PROJECT PLAN

BAC	24,012	Budgeted Mgmt Reserve	0
EAC	24,012	Remaining Mgmt Reserve	0
TEC	0	Planning Contingency	0
TPC	24,012	Remaining Contingency	0
		Planned R & U	0
		Remaining R & U	0

MILESTONE REPORT

LEV	TITLE	STATUS	PLANNED	FORECAST	ACTUAL	MILE CATEGORY	FLOAT
1	START FIELD ACTIVITIES - TA-35	Overdue	10/19/1995	07/15/1996	/ /		0

COMMENT:

This activity requires approval of the Closure Plan, which is still pending. We will be proceeding with this activity at risk.

1	FIELD ACTIVITIES COMPLETED - TA-35	Overdue	05/09/1996	07/19/1996	/ /		0
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COMMENT:

This activity requires approval of the Closure Plan, which is still pending. The Forecast Date represents the anticipated start of Field Work activities plus one week.

1	SUBMIT FINAL CLOSURE REPORT - TA-35	Forecast Delay	08/05/1996	09/30/1996	/ /		0
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COMMENT:

MILESTONE REPORT Continued

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

This activity requires the approval of the Closure Plan, which is still pending. The Forecast Date represents the anticipated date of the end of Field Work Activities plus 10 weeks.

NARRATIVE

Narrative

1. Significant Problems/Issues/Concerns:

None.

2. Corrective Actions:

None.

3. Summary Assessment:

MDA-P Closure: Selection of a contractor to perform the closure continued, as did pre-mobilization tasks.

TA-35 Closure: Tasks remain on hold pending negotiations with NMED.

4. Cost Status:

Cost Performance Report:

Current Period: \$(128)K, or -79%

FY to Date: \$202K, or 15%

The current out-of-threshold cost variance is a result of contractor costs invoiced during June that

were scheduled earlier in the fiscal year. The cumulative out-of-threshold cost variance is a natural side effect of the slip in schedules that have occurred due to the long NMED review period.

5. Schedule Status:

Cost Performance Report:

Current Period: \$(160)K, or -50%

FY to Date: \$(701)K, or -34%

The current and cumulative out-of-threshold schedule variances are due to the unanticipatedly long NMED review period for each Closure Plan. This project will continue to carry a large schedule variance.

6. Technical Status:

MDA-P Closure:

Baseline rock and soil sample analysis is complete and a report is being drafted. Additional background sampling began to define the surface and groundwater baseline

Reporting Period: 6/1996

ADS/TTP #: ALLA-2006- -

WBS #: 1.4.2.6.1.6

Narrative (Continued):

concentrations at
MDA-P. Construction of the Segregation Pad was begun. Other
pre-mobilization tasks will
begin in July. A design for the relocated TA-16 Open Burn Pad was
completed. A pre-bid tour
of MDA-P for potential bidders on the closure contract was conducted.

7. Major Accomplishments:

October 1995

Initial site survey completed.

November 1995

Power Line relocation.

January 1996

NEPA Catagoric Exclusion granted.

February 1996

Tree clearing completed.

March 1996

Perimeter Fence completed.

NMED granted verbal approval to proceed with closure.

April 1996

MDA-P Background Concentration Report completed.

DATE PRINTED: 07/17/1996

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Reporting Period: 6/1996

ADS/TTP #: ALLA-2006- -

WBS #: 1.4.2.6.1.6

PROJECT MANAGER'S RATINGS

No ratings available.

Reporting Period: 6/1996

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
	8,320	6,110	2,379	6,038	-523	72					
-----PRIOR YEARS COSTS-----			-----OUT YEAR COSTS-----								
ACWP	BCWP	BCWS			FY97	FY98	FY99	FY00	FY01		
24,746	26,699	26,699			5,641	5,690	5,585	4,626	4,516		

TOTAL PROJECT PLAN

BAC	81,918	Budgeted Mgmt Reserve	0
EAC	81,918	Remaining Mgmt Reserve	0
TEC	0	Planning Contingency	0
TPC	81,918	Remaining Contingency	0
		Planned R & U	0
		Remaining R & U	0

MILESTONE REPORT

LEV	TITLE	STATUS	PLANNED	FORECAST	ACTUAL	MILE CATEGORY	FLOAT
1	TA-21: BEGIN FILTER BUILDINGS DEMOLITION	Completed	10/02/1995	/ /	10/02/1995		0

COMMENT:
Completed.

1	TA-35: BEGIN PHASE 2 / BLDG 7 ACTIVITIES	Completed	10/02/1995	/ /	10/02/1995		0
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COMMENT:

Reporting Period: 6/1996

ADS/TTP #: ALLA-3001- -

WBS #: 1.4.2.6.2.1

MILESTONE REPORT Continued

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

COMMENT (cont.)

Completed.

1	TA-35: BEGIN PHASE 5 N/S U/G DUCT ACTIVITIES	Completed	10/16/1995	/ /	10/16/1995		0
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COMMENT:

Completed.

1	TA-35: BEGIN PH 4 S/S U/G DUCT ACTIVITIES	Completed	11/06/1995	/ /	11/06/1995		0
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COMMENT:

Completed.

1	TA-35: BEGIN PHASE 6 BASEMENT DUCT REMOVAL	Completed	01/02/1996	/ /	03/29/1996		0
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COMMENT:

Completed.

1	TA-16: TASK ORDER AWARDED DECOM FAC 89 - 99	Completed	01/17/1996	/ /	01/29/1996		0
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COMMENT:

Completed.

1	TA-16: BEGIN STORGE BLDG/GRD STAT'N BL99,101&164	Completed	02/05/1996	/ /	03/01/1996		0
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Reporting Period: 6/1996

ADS/TTP #: ALLA-3001- -

WBS #: 1.4.2.6.2.1

LEV	TITLE	STATUS	PLANNED	FORECAST	ACTUAL	MILE CATEGORY	FLOAT
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COMMENT:
Completed.

1	TA-21: BEGIN DEMOLITION BLDGS NPB 3 & 4 PROJECT	Completed	03/01/1996	/ /	01/02/1996		0
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COMMENT:
Completed.

1	TA-35: FINISH PHASE 6 DUCTS IN BASEMENT BLDG #2	Overdue	03/13/1996	06/07/1996	/ /		0
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COMMENT:
** This milestone has been identified for deletion. Milestone completion is delayed due to contractor's out-of-sequence progress. Resequencing of activities creates inaccurate completion dates relative to the baseline milestone dates. This milestone is not a performance metric for D&D, and it will be deleted from next month's report.

1	TA-35: REMOVAL OF HOLDING TANK TSL-4 COMPLETED	Overdue	03/20/1996	08/26/1996	/ /		0
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COMMENT:
Milestone completion is delayed due to contractor's out-of-sequence progress. Resequencing of activities creates inaccurate completion dates relative to the baseline milestone dates. Project is still expected to complete prior to 9/30/96.

1	TA-35: REMOVAL OF HOLDING TANK TSL-5 COMPLETED	Overdue	03/20/1996	08/26/1996	/ /		0
---	--	---------	------------	------------	-----	--	---

COMMENT:
Milestone completion is delayed due to contractor's out-of-sequence progress. Resequencing of activities creates inaccurate completion dates relative to the baseline milestone dates. Project is still expected to complete prior to 9/30/96.

1	TA-35: REMOVAL OF HOLDING TANK TSL-6 COMPLETED	Overdue	03/20/1996	08/26/1996	/ /		0
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Reporting Period: 6/1996

ADS/TTP #: ALLA-3001- -

WBS #: 1.4.2.6.2.1

LEV	TITLE	STATUS	PLANNED	FORECAST	ACTUAL	MILE CATEGORY	FLOAT
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COMMENT:

Milestone completion is delayed due to contractor's out-of-sequence progress. Resequencing of activities creates inaccurate completion dates relative to the baseline milestone dates. Project is still expected to complete prior to 9/30/96.

1	TA-21: SPB4 DEMOLITION COMPLETED	Overdue	03/27/1996	08/28/1996	/ /		0
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COMMENT:

Milestone is contingent upon completion of concrete crushing and final grading in June. Final report is undergoing peer review.

1	TA-21: BEGIN BUILDING 5 DEMOLITION	Completed	04/01/1996	/ /	03/20/1996		0
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COMMENT:

Completed.

1	TA-35: COMPLETE PH 4 S/S U/G DUCT ACTIVITIES	Overdue	04/10/1996	08/23/1996	/ /		0
---	--	---------	------------	------------	-----	--	---

COMMENT:

Milestone completion is delayed due to contractor's out-of-sequence progress. Resequencing of activities creates inaccurate completion dates relative to the baseline milestone dates. Project is still expected to complete prior to 9/30/96.

1	TA-35: COMPLETE PHASE 5 N/S U/G DUCT ACTIVITIES	Overdue	04/12/1996	07/15/1996	/ /		0
---	---	---------	------------	------------	-----	--	---

COMMENT:

Milestone completion is delayed due to contractor's out-of-sequence progress. Resequencing of activities creates inaccurate completion dates relative to the baseline milestone dates. Project & Final Report are still expected to be complete prior to 9/30/96.

1	TA-21: FILTER BUILDINGS DEMOLITION COMPLETED	Overdue	04/29/1996	07/29/1996	/ /		0
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COMMENT:

MILESTONE REPORT Continued

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

All field work is now complete. Final report is underway.

1	TA-16: COMP'TE STOR BLDG/GUARD STAT'N 99,101&164	Completed	04/30/1996	/ /	05/24/1996		0
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COMMENT:
Completed.

1	TA-35: COMP'TE PHASE 3/BLDG 3 TANK REMOVAL ACT'S	Forecast Delay	07/12/1996	12/09/1996	/ /		0
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COMMENT:
Milestone completion is delayed due to contractor's out-of-sequence progress. Resequencing of activities creates inaccurate completion dates relative to the baseline milestone dates. Project is still expected to complete prior to 9/30/96.

1	TA-16: COMPLETE DECOMMISSIONING (BLD 89-93)	On Schedule	07/19/1996	/ /	/ /		0
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COMMENT:
On schedule.

1	TA-35: COMPLETE PHASE 2 / BLDG 7 ACTIVITIES	Forecast Delay	08/16/1996	12/23/1996	/ /		0
---	---	----------------	------------	------------	-----	--	---

COMMENT:
Milestone completion is delayed due to contractor's out-of-sequence progress. Resequencing of activities creates inaccurate completion dates relative to the baseline milestone dates. Project is still expected to complete prior to 9/30/96.

1	TA-35: PROJECT DECOMMISSIONING COMPLETED	Forecast Delay	09/26/1996	02/20/1997	/ /		0
---	--	----------------	------------	------------	-----	--	---

Reporting Period: 6/1996
 ADS/TTP #: ALLA-3001- -
 WBS #: 1.4.2.6.2.1

LEV	TITLE	STATUS	PLANNED	FORECAST	ACTUAL	MILE CATEGORY	FLOAT
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COMMENT:
 Milestone completion is delayed due to contractor's out-of-sequence progress. Resequencing of activities creates inaccurate completion dates relative to the baseline milestone dates. Project & Final Report are still expected to be complete prior to 9/30/96.

1	TA-21: BEGIN DEMOLITION OF BLDGS. RB21 & 212	On Schedule	10/01/1996	/ /	/ /		0
---	--	-------------	------------	-----	-----	--	---

COMMENT:
 On schedule.

NARRATIVE

Narrative

1. Significant Problems/Issues/Concerns:

TA-35:

Tanks 5 and 6 at the Phase Separator Pit contain undocumented mixed waste that was not identified as part of the IDM contract terms. The cleanup of this waste (approximately 900 gals) has delayed the completion of the TA-35 decommissioning project. Waste sampling and characterization is currently underway to define what options are available for the final disposition of the waste.

2. Corrective Action:

TA-35:

Option 1

After final results from the waste characterization have been analyzed, Decommissioning Management will negotiate with the contractor the additional budget requirement for removal of the waste. The additional budget will be submitted as a BCP.

Option 2

If the BCP is not approved, the final removal of the tanks will be rescheduled for FY'97. This option will reduce 4 performance

objectives from the current fiscal year.

3. Summary Assessment:

TA-16:

All work scheduled for this reporting period at TA-16 has been delayed because of the open burning restriction at LANL. The burning restriction has been lifted which will allow the scheduled flashing of the HE contaminated material to be conducted at the LANL Flash Pads.

TA-21:

DP West: Decommissioning of Buildings 3 and 4 North continued with utility disconnects and asbestos removal in Buildings 3 and 4 North. Building 3 demolition is scheduled to start on July 29, 1996. The INEL concrete crusher was relocated to TA-21. Project planning for Building 5 continued; preparation of demolition drawings is underway

TA-35:

Reporting Period: 6/1996

ADS/TTP #: ALLA-3001- -

WBS #: 1.4.2.6.2.1

Narrative (Continued):

Phase 2: Building 7's floor and some of the foundations have been removed. The concrete floor and footings are being disposed of at the LLW disposal area (TA-54).. Phase 3, the holding tanks had to be re-sampled for analysis and preliminary results verify that the liquid waste is mixed waste. The possibility exists, that we may be able to treat this waste on site and minimize the amount of mixed waste. Approximately 1600 lead bricks were removed from the Phase Separator Pit. Only 56 bricks had surface contamination and were decontaminated and sent to a salvage company. Phase 4: on the south side of building 2 is 100% complete, except for backfill and compaction. Backfill and compaction will not proceed until the LAPRE-1 items are removed. Phase 5 on the north side of building 2 is 100% complete.

4. Cost Status:

Cost Performance Report:

Current Period: \$307K, or 26%

FY-to-Date: \$72K, or 1%

The cost variance for the current period was caused by delayed receipt and accrual of contractor's invoices. Variance due to change orders and the LAPRE-1 REMOVAL IS EXPECTED.

5. Schedule Status:

Cost Performance Report:

Current Period: \$569K, or 90%

FY-to-Date: \$(523)K, or -8%

The current period schedule variance was caused by under estimated performance in the prior months at TA-21. The performance metric was reevaluated and corrected during this reporting period.

6. Technical Status:

TA-21:

DP West: The Laboratory's waste minimization office is funding a

proposal to rent a commercial debris shredder in order to minimize the waste associated with Buildings 3 and 4 North. The buildings are constructed of galvanized metal, steel channels, and lath/plaster, and will be shredded in their entirety (except for I-beam trusses and cast iron piping).

7. Major Accomplishments:

June 1996

TA-21:

The INEL concrete crusher has been moved to TA-21 and is now in operation.

TA-35:

Since last month, IDM has removed the floor and some of the footings of building 7. PTS Report for June, 1996

May 1996

Since last month, IDM has razed building 7 walls and roof and completed the removal of phase 4 and 5 18 inch, 24 inch, and 30 inch underground duct removal.

High Explosives, TA-16: All of the eight buildings have been demolished. All the sumps and outfall drain lines (VCA's) have been removed.

April 1996

DP West: Completed Filter Building Decommissioning and completed remediation of the Building 3 & 4 South footprint. Began building 5 planning.

Since last month, IDM has removed 100% of the building 2 basement ducts, although a final survey is needed for close out of phase 6.

High Explosives, TA-16: Seven of the eight buildings have been demolished. All the sumps and outfall drain lines (VCA's) have been removed.

Reporting Period: 6/1996

ADS/TTP #: ALLA-3001- -

WBS #: 1.4.2.6.2.1

Narrative (Continued):

March 1996

High Explosives, TA-16: Four of the eight buildings were demolished in March. The sumps and outfall drain lines (VCAIs) were removed from two buildings.

Since last month, IDM has removed 90% of the building 2 basement ducts.

DP West: Started Building 3 and 4 North Decommissioning.

January 1996

At this point IDM has removed approximately 50% of the underground ducts on the North side of Building 2 (Phase 5). In addition, approximately 60% of underground ducts on the south side of building 2 (Phase 4) have been removed. They have also completed about 5% of work on Building 7, Phase 2, and about 5% of work the holding tanks, phase 3.

The Task Order was awarded to Morrison Knudsen for the next phase of decommissioning work at TA-16 (8 structures). Field work will begin on February 20th.

At the DP West Project, the filter building project (146 and 324 at TA-21, structures have been dismantled. Prior to dismantlement, both buildings were surveyed for contamination. None was found and they were released, so dismantlement could be performed as non-radioactive job. The site has been regraded. Significant remaining activities include duct decontamination, waste packaging and shipping, and free release material salvage.

HE Explosives: The Readiness Review for the next phase of decommissioning work at TA-16 (8 structures) was held on February 22. Field work began on February 28th.

Since last month, IDM has removed 80% of underground ducts on the south side of building 2 (phase 4). In addition, IDM has removed about 50%

of the basement ductwork (phase 6).

December 1995

IDM has removed approximately 50% of the underground ducts on the north side of building 2 (Phase 5). Approximately 25% of the underground ducts on the south side of building 2 (Phase 4) have been removed. About 5% of work on Building 7 (Phase 2).

The bidding process or the next phase of work at TA-16 (8 structures) is 90% complete.

The filter building project (146 and 324) TA-21 have been emptied, utilities disconnected, and roofs removed. Demolition of the structures will begin in early January.

November 1995

At this point IDM has removed approximately 50% of the underground ducts on the north side of Building 2 (Phase 5). They have also completed about 5% of work on Building 7 (Phase 2). The bid package was sent out to four Basic Ordering Agreement (BOA) contractors for fixed price bids. The TA-21 filter building decommissioning project has removed all filters inside Building 146 and decontaminated both plenums from TRU waste levels to low-level waste values. The estimated project completion date remains a month earlier than originally planned for TA-21.

October 1995

Wrote completion reports for 7 concrete bunkers and 2 storage magazines. Completed the bid package for decommissioning six process buildings, one guard station, and one storage shed at TA-16.

The TA-21 building decommissioning project has removed all hoods, gloveboxes, and ductwork inside Building 3 and 4 North. Additionally, all elevated ductwork leading up to Building 146 has been removed. The

Reporting Period: 6/1996

ADS/TTP #: ALLA-3001- -

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Narrative (Continued):

estimated project completion date has been moved up from 2/27/96 to
1/17/96.



DATE PRINTED: 07/17/1996

PTS - PROGRAM MANAGER'S REPORT

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Reporting Period: 6/1996

ADS/TTP #: ALLA-3001- -

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PROJECT MANAGER'S RATINGS

No ratings available.

EXPENDITURE RATE (\$000) Continued

MONTH	MONTHLY						CUMULATIVE				
	BCWS	BCWP	Prelim	ACWP	SCHED VAR	COST VAR	BCWS	BCWP	ACWP	SCHED VAR	COST VAR
9	763	---	---	---	---	---	---	---	---	---	---
	<u>11,628</u>	<u>9,021</u>	<u>4,955</u>	<u>10,254</u>	<u>1,972</u>	<u>-1,233</u>					

PRIOR YEARS COSTS			OUT YEAR COSTS				
ACWP	BCWP	BCWS	FY97	FY98	FY99	FY00	FY01
66,726	64,511	64,511	8,893	8,605	8,617	9,702	8,300

TOTAL PROJECT PLAN

BAC	169,210	Budgeted Mgmt Reserve	1,298
EAC	169,210	Remaining Mgmt Reserve	1,298
TEC	0	Planning Contingency	0
TPC	169,210	Remaining Contingency	0
		Planned R & U	0
		Remaining R & U	0

MILESTONE REPORT

LEV	TITLE		STATUS	PLANNED	FORECAST	ACTUAL	MILE CATEGORY	FLOAT
1	September EPA Report Submitted	PM	Completed	10/24/1995	/ /	10/24/1995		0

COMMENT:
Completed.

1	4th Quarter Report Submitted	RC	Completed	11/15/1995	/ /	11/15/1995	CAT3	0
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COMMENT:

Reporting Period: 6/1996

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	October EPA Report Submitted	PM	Completed	11/22/1995	/ /	11/22/1995		0
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COMMENT:

Completed.

1	November EPA Report Submitted	PM	Completed	12/20/1995	/ /	12/20/1995		0
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COMMENT:

Completed.

1	December EPA Report Submitted	PM	Completed	01/26/1996	/ /	01/19/1996		0
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COMMENT:

Completed.

1	Issue Final IWP Update	DP	Overdue	02/20/1996	08/16/1996	/ /	CAT1	0
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COMMENT:

Final Draft submitted to EPA for review in November 1995. Interaction between EPA and LANL continues, but no firm date is available for return of comments to LANL. The FY96 IWP Update began on schedule in March 1996.

1	January EPA Report Submitted	PM	Completed	02/28/1996	/ /	02/21/1996		0
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Reporting Period: 6/1996

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	February EPA Report Submitted	PM	Completed	03/28/1996	/ /	03/20/1996		0
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COMMENT:
Completed.

1	1st Quarter Report Submitted	RC	Completed	03/29/1996	/ /	02/13/1996	CAT3	0
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COMMENT:
Completed.

1	March EPA Report Submitted	PM	Completed	04/26/1996	/ /	04/18/1996		0
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COMMENT:
Completed.

1	April EPA Report Submitted	PM	Completed	05/28/1996	/ /	05/20/1996		0
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COMMENT:
Completed.

1	May EPA Report Submitted	PM	Completed	06/28/1996	/ /	06/20/1996		0
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COMMENT:

Reporting Period: 6/1996

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	2nd Quarter Report Submitted	RC	Completed	06/28/1996	/ /	05/28/1996	CAT3	0
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COMMENT:

Completed.

1	June EPA Report Submitted	PM	On Schedule	07/26/1996	/ /	/ /		0
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COMMENT:

On schedule.

1	July EPA Report Submitted	PM	On Schedule	08/28/1996	/ /	/ /		0
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COMMENT:

On schedule.

1	August EPA Report Submitted	PM	On Schedule	09/27/1996	/ /	/ /		0
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COMMENT:

On schedule.

1	3rd Quarter Report Submitted	RC	On Schedule	09/27/1996	/ /	/ /	CAT3	0
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Reporting Period: 6/1996

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:

On schedule.

1	September EPA Report Submitted	PM	On Schedule	10/25/1996	/ /	/ /		0
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COMMENT:

On schedule.

1	Issue Final IWP Update	DP	On Schedule	11/19/1996	/ /	/ /	CAT3	0
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COMMENT:

On schedule.

1	October EPA Report Submitted	PM	On Schedule	11/27/1996	/ /	/ /		0
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COMMENT:

On schedule.

1	November EPA Report Submitted	PM	On Schedule	12/27/1996	/ /	/ /		0
---	-------------------------------	----	-------------	------------	-----	-----	--	---

COMMENT:

On schedule.

1	December EPA Report Submitted	PM	On Schedule	01/24/1997	/ /	/ /		0
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COMMENT:

Reporting Period: 6/1996

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	January EPA Report Submitted	PM	On Schedule	02/28/1997	/ /	/ /		0
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COMMENT:

On schedule.

1	February EPA Report Submitted	PM	On Schedule	03/28/1997	/ /	/ /		0
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COMMENT:

On schedule.

1	1st Quarter Report Submitted	RC	On Schedule	03/31/1997	/ /	/ /	CAT3	0
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COMMENT:

On schedule.

1	March EPA Report Submitted	PM	On Schedule	04/25/1997	/ /	/ /		0
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COMMENT:

On schedule.

Reporting Period: 6/1996

ADS/TTP #: ALLA-2107- -

WBS #: 1.4.2.6.3.7

Narrative

NARRATIVE

1. Significant Problems/Issues/Concerns:

None at this time.

2. Corrective Actions:

N/A

3. Summary Assessment:

Completed the response to comments received from the State and the EPA on the Risk-Based Corrective Action Process document. Continued efforts to begin interviews at the Pueblos to determine parameter values for the Native American Scenario. Revised Ecological Risk Assessment Approach for LANL in accordance with guidance received from EPA Region 6. Revised RFI Format boilerplate and Risk-Based Corrective Action Process to reflect new EPA Region 6 guidance. Met with Lockheed, DOE EM-76, and INEL staffs to complete the Department of Energy Environmental Management Electric Data Deliverable Master Specification (DEEMS) implementation that INEL and LANL will be using for organics and inorganics and to work on validation specifications for radiochemistry, including the introduction of statistical tests into Computer Assisted Data Review and Evaluation (CADRE).

4. Cost Status:

Cost Performance Report:

Current Period: \$(147)K, or -24%

FY to Date: \$(1,286)K, or -14%

The current period cost variance is a result of correcting inaccurate performance taken during May, as well as costs being charged to 2107 that

will be re-coded to the field units. Re-coding is not occurring on a monthly basis, but will be corrected by year-end.

5. Schedule Status:

Cost Performance Report:

Current Period: \$(176)K, or -21%

FY to Date: \$1971K, or 28%

The current period out-of-threshold schedule variance is a result of correcting in June, inaccurate performance taken in May. The cumulative variance in schedule resulted from booking Project Support costs 6 months ahead of schedule. This will have no effect on the total actuals at the end of the year.

6. Technical Status:

Continued development of ER policy documents to be compiled into a compendium entitled Technical Approach To Data Assessment for the LANL ER Project, including: Overview, Screening Assessment, and Risk Assessment Methodology. Revisions to the following ER Policy Documents continue: Radionuclide Cleanup Level Guidance Document, Evaluation and Cleanup of PCBs, and Risk-Based Corrective Action Process. Contributed risk input for Application of LANL Background Data to ER Project Decision-Making, Part II: Radionuclides. Began refinement of screening criteria (for canyons) to incorporate Native American Scenarios. . In the process of delineating ecological exposure units, compiling a preliminary list of chemicals of potential ecological concern (COPECs), defining food webs, selecting receptors, and locating reference toxicological information. Routine input to RFI reports has been terminated so that resources can be redirected to implementing the new approach to ecological risk assessment, based on ecological exposure units. Continued refinement of data validation criteria, qualifiers, and reason codes to be incorporated into the CADRE

Reporting Period: 6/1996

ADS/TTP #: ALLA-2107- -

WBS #: 1.4.2.6.3.7

Narrative (Continued):

electronic verification and validation software under development.
Documented the design of the ER Project Laboratory QA Oversight program.
Began tracking laboratory audits, including any needed corrective action
and PE sample distribution. Began scoring PE samples distributed to
laboratories for organics, inorganics and radiochemistry analyses.
Developed a set of requirements for all suppliers of analytical services
not obtained under SMO routine analytical services and a set of required
SOW elements for any work performed by ER not using routine services.

7. Major Accomplishments:

Conducted HSWA permit modification public meeting. October 1995.

Conducted HSWA permit modification tour. October 1995.

Submitted FY96 update of IWP to EPA. November 1995.

Submitted 1st Quarter Technical Report. February 1996.

Completed ER Project Quality Assurance Project Plan for Sampling and
Analysis. March 1996.

Submitted 2nd Quarter Technical Report. May 1996.

PROJECT MANAGER'S RATINGS

No ratings available.

Reporting Period: 6/1996

ADS/TTP #: ALLA-2105- -

WBS #: 1.4.2.6.3.8

Title: PROGRAMMATIC TECH SUPPORT

Installation: LOS ALAMOS NATIONAL LABORATORY

Category: ER

Project Title: AL LAB ER (MSA)

Program Manager's-- FO: DEBORAH GRISWOLD

(505)845-4752

Start Date: 10/01/1990

HQ: BILL SPURGEON

(301)903-8187

Completion Date: 09/30/1999

B&R Code	ANNUAL TOTALS (\$000)											
	PY		CY		CY		CY		CY		PC	
	End FY 95 Unobl. Bal.	FY 95 Tot. Uncost.Obl.	FY 96 New Obl. Auth.	Total Avail.	FIS Obl. YTD 6/96	Prelim. Obl YTD	FIS Cost YTD 6/96	Prelim. Cost YTD	Proj'd Cur. Yr-End EstCo	End FY 96 Unobl. Bal.	FY 96 Tot. Uncost.Obl.	
OE EW2010301	0	149	0	149	581	0	358	430	445	0	14	
OE EW2010302	0	41	0	41	985	0	2,301	1,721	1,425	0	43	
Totals:	0	190	0	190	1,566	0	2,659	2,151	1,870	0	57	

(Preliminary actuals as of February/96; Actuals as of June/96.)

EXPENDITURE RATE (\$000)

MONTH	-----MONTHLY-----						-----CUMULATIVE-----				
	BCWS	BCWP	Prelim	ACWP	SCHED VAR	COST VAR	BCWS	BCWP	ACWP	SCHED VAR	COST VAR
10	169	162	323	323	-7	-161	169	162	323	-7	-161
11	142	138	719	719	-4	-581	311	300	1,042	-11	-742
12	142	141	680	680	-1	-539	453	441	1,722	-12	-1,281
1	136	145	93	93	9	52	589	586	1,815	-3	-1,229
2	139	135	336	336	-4	-201	728	721	2,151	-7	-1,430
3	147	140	0	-463	-7	603	875	861	1,688	-14	-827
4	147	144	0	115	-3	29	1,022	1,005	1,803	-17	-798
5	157	164	0	418	7	-254	1,179	1,169	2,221	-10	-1,052
6	149	149	0	438	0	-289	1,328	1,318	2,659	-10	-1,341
7	142	---	---	---	---	---	---	---	---	---	---
8	142	---	---	---	---	---	---	---	---	---	---
9	129	---	---	---	---	---	---	---	---	---	---
	<u>1,741</u>	<u>1,318</u>	<u>2,151</u>	<u>2,659</u>	<u>-10</u>	<u>-1,341</u>					

Reporting Period: 6/1996

ADS/TTP #: ALLA-2105- -

WBS #: 1.4.2.6.3.8

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

ACMP	BCMP	BCWS
50,850	50,282	50,282

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

FY97	FY98	FY99	FY00	FY01
1,863	1,888	1,942	1,925	1,735

TOTAL PROJECT PLAN

BAC	67,857	Budgeted Mgmt Reserve	0
EAC	67,857	Remaining Mgmt Reserve	0
TEC	0	Planning Contingency	0
TPC	67,857	Remaining Contingency	0
		Planned R & U	0
		Remaining R & U	0

MILESTONE REPORT

LEV	TITLE	STATUS	PLANNED	FORECAST	ACTUAL	MILE CATEGORY	FLOAT
1	Issue Final Event Report to LANL/DOE	Overdue	04/16/1996	09/20/1996	/ /	CAT1	0

COMMENT:

While waiting on completion of data validation, resources were channeled to other tasks. The development of the Final Draft Report will begin 01Aug96, and submitted by 30Sep96. No fines or NODs are anticipated.

NARRATIVE

Narrative

1. Significant Problems/Issues/Concerns:

None.

2. Corrective Actions:

N/A

3. Summary Assessment:

The integration of existing geologic information, and the beryllium leachability study are progressing. The call for proposals for fiscal year 1997 projects went out in June.

4. Cost Status:

Reporting Period: 6/1996

ADS/TTP #: ALLA-2105- -

WBS #: 1.4.2.6.3.8

Narrative (Continued):

Cost Performance Report:

Current Period: \$(289)K, or -187%

FY to Date: \$(1,341)K, or -102%

The current period out-of-threshold cost variance is the result of approximately \$26K of a material purchase being costed in June that was scheduled to be paid in a prior month. This is a self-correcting variance. Unplanned effort for the Interface for Technology Development has caused a \$(25)K cost variance. Also, Sample Management Office (SMO) costs of \$265K were captured in ADS 2105 during the current month. Without SMO costs considered, the current period variance is \$(24)K, or -15%. Cumulative cost variances are due almost entirely to sample analysis costs which continue to be carried in this ADS. These costs are being distributed to the appropriate field units and the variance will be removed by year-end. Unplanned effort for the Interface for Technology Development has caused a \$(104)K cumulative variance. Without SMO costs considered, the cumulative variance is \$(130)K, or -10%.

5. Schedule Status:

Cost Performance Report:

Current Period: \$0K, or 0%

FY to Date: \$(10)K, or -1%

6. Technical Status:

All available drill-hole data for both Bandelier Tuff and pre-Bandelier units have been subjected to QA checks. Deviations of borehole locations are flagged by mismatches with the digital elevation model. Stratigraphic symbology for both Bandelier and pre-Bandelier units has been defined, using resources from both within LANL (borehole logs & cuttings) and outside (USGS and university researchers familiar with the area). Some apparent misnaming of lithostratigraphic units in the literature will be resolved only by deep core holes, which may become available through another program in the next 3-5 years (Ground Water Protection Plan). Further constraints on the Bandelier Tuff stratigraphy are being provided

on the south portion of the Laboratory by geologic mapping in canyons. This provides the only control for this portion of the Lab, which has few boreholes to rely upon. Correlation of stratigraphic markers observed in thin section with geophysical logs indicate much more work could be done in the future. Chemical analysis of uncontaminated samples has begun in a laboratory set up for this purpose at LANL. Selection of samples of Be-contaminated soils from firing sites in LANL ER field units has begun in late June. No data assessment has been performed to this point.

7. Major Accomplishments:

October 1995

Submitted "A Study of Four Landfill Cover Designs Varying in Slope for Semiarid Regions: I. Experimental Design and General Water Balance Estimates".

Submitted. "A study of Four Landfill Cover Designs Varying in Slope for Semiarid Regions: II. Detailed Slope Length Considerations of Engineered Barriers".

May 1996

Submitted: "A Water Balance Study of Four Landfill Cover Designs Varying in Slope for Semiarid Regions".

Submitted: "Natural Background Geochemistry, Geomorphology, and Pedogenesis of Selected Soil Profiles and Bandelier Tuff, Los Alamos, New Mexico." LA-12913-MS.

June 1996

Background Geochemistry Technical Guidance Documentation completed.

DATE PRINTED: 07/17/1996

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Reporting Period: 6/1996

ADS/TTP #: ALLA-2105- -

WBS #: 1.4.2.6.3.8

PROJECT MANAGER'S RATINGS

No ratings available.

Reporting Period: 6/1996

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	PY	CY	CY	CY	CY	CY	CY	CY	PC	PC	
	End FY 95 Unobl. Bal.	FY 95 Tot. Uncost.Obl.	FY 96 New Obl. Auth.	Total Avail.	FIS Obl. YTD 6/96	Prelim. Obl YTD	FIS Cost YTD 6/96	Prelim. Cost YTD	Proj'd Cur. Yr-End EstCo	End FY 96 Unobl. Bal.	FY 96 Tot. Uncost.Obl.	
OE EW2010202	0	126	0	126	393	0	260	75	0	0	0	
OE EW2010301	0	3	0	3	0	0	0	23	0	0	0	
Totals:	0	129	0	129	393	0	260	98	0	0	0	

(Preliminary actuals as of February/96; Actuals as of June/96.)

EXPENDITURE RATE (\$000)

MONTH	MONTHLY						CUMULATIVE				
	BCWS	BCWP	Prelim	ACWP	SCHED VAR	COST VAR	BCWS	BCWP	ACWP	SCHED VAR	COST VAR
10	16	14	12	12	-2	2	16	14	12	-2	2
11	30	24	-11	-11	-6	35	46	38	1	-8	37
12	39	23	29	29	-16	-6	85	61	30	-24	31
1	38	38	45	45	0	-7	123	99	75	-24	24
2	29	30	23	30	1	0	152	129	105	-23	24
3	12	30	0	21	18	9	164	159	126	-5	33
4	12	19	0	71	7	-52	176	178	197	2	-19
5	13	30	0	31	17	-1	189	208	228	19	-20
6	63	50	0	32	-13	18	252	258	260	6	-2
7	72	---	---	---	---	---	---	---	---	---	---
8	63	---	---	---	---	---	---	---	---	---	---
9	6	---	---	---	---	---	---	---	---	---	---
	<u>393</u>	<u>258</u>	<u>98</u>	<u>260</u>	<u>6</u>	<u>-2</u>					

Reporting Period: 6/1996

ADS/TTP #: ALLA-2010- -

WBS #: 1.4.2.6.6.10

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

ACMP	BCMP	BCWS
13,078	12,298	12,298

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

FY97	FY98	FY99	FY00	FY01
0	0	0	0	0

TOTAL PROJECT PLAN

BAC	12,691	Budgeted Mgmt Reserve	0
EAC	12,691	Remaining Mgmt Reserve	0
TEC	0	Planning Contingency	0
TPC	12,691	Remaining Contingency	0
		Planned R & U	0
		Remaining R & U	0

MILESTONE REPORT

LEV	TITLE	STATUS	PLANNED	FORECAST	ACTUAL	MILE CATEGORY	FLOAT
1	PROJECT COMPLETE	Forecast Delay	10/04/1999	03/01/2000	/ /	CAT2	0

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

1. Significant Problems/Issues/Concerns

Newly generated FIMAD sort criteria have reduced the quantity of potential mixed waste indications at LANL. This situation should drastically reduce the volume estimates originally provided in previous inventory reports.

2. Corrective Action

None

3. Summary Assessment

Final inventory sorts have been completed for samples in FIMAD which indicate the potential for mixed waste contamination. Final revisions to the sort criteria have been completed to account for the assumption that if a contaminant is present in concentrations less than 20 times its TCLP extract limit, then this contaminant is not considered a leachable

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Narrative (Continued):

hazardous constituent. This would allow the waste to be disposed of as a radioactive waste versus a mixed waste. The final number of mixed waste samples has therefore been reduced to 396 in 112 PRS's.

4. Cost Status

Cost Performance Report:

Current Period: \$18K or 36%

FY96-to-Date: \$(2)K or -1%

The current period cost variances exceeds the 15% reporting threshold. This is due to contract work that has not yet been costed.

5. Schedule Status

Cost Performance Report:

Current Period: \$(13)K or 21%

FY96-to-Date: \$6K or 2%

The Current Period schedule variance exceeds the 15% threshold reporting requirement. This variance is due to the revision of the sort codes and should be rectified in the next reporting period when the volume estimates are completed.

6. Technical Status

New sort criteria developed to rule out hazardous waste indications when TCLP extract thresholds are not exceeded has reduced the number of potential mixed waste indications to 396. The previously identified value was 1,012. This change is being evaluated to ascertain its impact on future disposal alternatives.

7. Major Accomplishments

June 1996
Final data sort from FIMAD completed.

February 1996

Updated data sort from FIMAD for mixed contamination completed.

October 1996

Draft Mixed Waste Inventory distributed for reviews.

DATE PRINTED: 07/17/1996

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Reporting Period: 6/1996

ADS/TTP #: ALLA-2010- -

WBS #: 1.4.2.6.6.10

PROJECT MANAGER'S RATINGS

No ratings available.