

*Stu M.D.
Tori*

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: January 22, 1997
Refer to: EM/ER:97-13



HSWA LANE 6/M/R

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

SUBJECT: ER PTS MONTHLY REPORT FOR DECEMBER 1996

Dear Ted:

Enclosed is the Progress Tracking System (PTS) Report diskette for the Los Alamos National Laboratory's Environmental Restoration Project monthly report for December 1996. We received your acknowledgment of receipt of November's PTS Report.

If you have any questions regarding this information, please call Jim Noel at (505) 665-5737 or Michael Hatfield at (505) 665-8910.

Sincerely,

Jorg Jansen
Environmental Restoration

JJ:ss



TL

Enclosure: PTS Monthly Report Diskette

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Reporting Period: 12/1996

ADS/TTP #: ALLA-2001- -

WBS #: 1.4.2.6.1.1

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

Installation: LOS ALAMOS NATIONAL LABORATORY

Category: ER

Project Title: AL LAB ER (MSA)

Program Manager's-- FO: DEBORAH GRISWOLD

(505)845-4752

Start Date: 01/01/1995

HQ: BILL SPURGEON

(301)903-8187

Completion Date: 09/28/2006

B&R Code	ANNUAL TOTALS (\$000)										
	PY	PY	CY	CY	CY	CY	CY	CY	CY	PC	PC
	End FY 96 Unobl. Bal.	FY 96 Tot. Uncost.Obl.	FY 97 New Obl. Auth.	Total Avail.	FIS Obl. YTD 12/96	Prelim. Obl YTD	FIS Cost YTD 12/96	Prelim. Cost YTD	Proj'd Cur. Yr-End EstCo	End FY 97 Unobl. Bal.	FY 97 Tot. Uncost.Obl.
OE EW2010301	0	176	0	176	0	0	384	0	0	0	0
OE EW2010302	0	256	0	256	0	0	851	0	0	0	0
OE EW2010304	0	0	0	0	0	0	74	0	0	0	0
Totals:	0	432	0	432	0	0	1,309	0	0	0	0

(Preliminary actuals as of July/96; Actuals as of December/96.)

MONTH	EXPENDITURE RATE (\$000)						EXPENDITURE RATE (\$000)				
	-----MONTHLY-----						-----CUMULATIVE-----				
	BCWS	BCWP	Prelim	ACWP	SCHED VAR	COST VAR	BCWS	BCWP	ACWP	SCHED VAR	COST VAR
10	475	486	0	539	11	-53	475	486	539	11	-53
11	935	646	0	800	-289	-154	1,410	1,132	1,339	-278	-207
12	902	386	0	-30	-516	416	2,312	1,518	1,309	-794	209
1	1,937	---	---	---	---	---	---	---	---	---	---
2	1,251	---	---	---	---	---	---	---	---	---	---
3	1,035	---	---	---	---	---	---	---	---	---	---
4	1,119	---	---	---	---	---	---	---	---	---	---
5	832	---	---	---	---	---	---	---	---	---	---
6	917	---	---	---	---	---	---	---	---	---	---
7	763	---	---	---	---	---	---	---	---	---	---
8	645	---	---	---	---	---	---	---	---	---	---
9	609	---	---	---	---	---	---	---	---	---	---
	<u>11,420</u>	<u>1,518</u>	<u>0</u>	<u>1,309</u>	<u>-794</u>	<u>209</u>					



Reporting Period: 12/1996

ADS/TTP #: ALLA-2001- -

WBS #: 1.4.2.6.1.1

-----PRIOR YEARS COSTS-----			-----OUT YEAR COSTS-----				
ACWP	BCWP	BCWS	FY98	FY99	FY00	FY01	FY02
73,062	70,765	72,061	9,910	9,898	11,203	9,865	0

TOTAL PROJECT PLAN

BAC	171,960	Budgeted Mgmt Reserve	0
EAC	171,960	Remaining Mgmt Reserve	0
TEC	0	Planning Contingency	0
TPC	171,960	Remaining Contingency	0
		Planned R & U	0
		Remaining R & U	0

MILESTONE REPORT

LEV	TITLE	STATUS	PLANNED	FORECAST	ACTUAL	MILE CATEGORY	FLOAT
1	TA1: AA Draft Complete Agg. N&P RFI Report	Overdue	11/18/1996	02/13/1997	/ /	CAT1	0

COMMENT:

This RFI report for PRSs 1-001(s,u) and 1-007(l) is delayed because of two issues. First is that LANL is performing a risk analysis to determine a recommendation for a pipeline which runs under non-DOE property and studying the legal issues impacting the property owners. The second issue is the impact of the project-wide evaluation of the approach on Eco. Risk. Because the second impact was driving the schedule, additional time was given.

1	TA21: Bldg 3&4 Submit AA Draft of PH1 SAP	Overdue	11/22/1996	01/20/1997	/ /		0
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COMMENT:

This Sampling Analysis Plan was delayed because other higher priority work forced a halt to this effort. Work was resumed on SAP 12/10/96 and the Plan is scheduled for review the week of Jan 13.

1	TA-10: Submit AA Draft of SAP Ph1	Overdue	11/26/1996	01/23/1997	/ /		0
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COMMENT:

Reporting Period: 12/1996

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.)

This Sampling Analysis report for PRS 10-008 at Bayo Firing Point is delayed because of a change in technical approach - LANL is doing more archival research in order to write an NFA report without the requirement for field work. This revised technical approach will be implemented in the next LANL BCP.

1	TA10: Submit AA Draft of SAP Ph1 10-009	Overdue	11/26/1996	01/23/1997	/ /		0
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COMMENT:

This Sampling Analysis report for PRS 10-009 at the Bayo Landfill is delayed because of a revised technical approach - LANL is combining the SAP with a VCA Plan. The complex site safety issues involved have demanded more effort for the SAP. The revised approach will be reflected in the next LANL BCP.

1	TA-3: Submit AA Draft of SAP	Overdue	12/23/1996	02/20/1997	/ /		0
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COMMENT:

Development of the NOD Sampling Plan has been delayed pending clarification of the NOD.

1	TA-3: Submit AA Draft of SAP	On Schedule	01/15/1997	/ /	/ /		0
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COMMENT:

On schedule.

1	TA-3: Submit AA Draft of SAP	On Schedule	02/05/1997	/ /	/ /		0
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COMMENT:

On schedule.

1	TA0: Sub AA Drft RFI Rpt DP Rd Stg Ar [Ag 0-F]	On Schedule	03/06/1997	/ /	/ /	CAT3	0
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Reporting Period: 12/1996

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	TA21: AA Draft of Work Plan Complete	On Schedule	05/08/1997	/ /	/ /	CAT3	0
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COMMENT:

On schedule.

1	TA21 14.7 Submit AA Ph1 RFI Rpt Draft	On Schedule	05/23/1997	/ /	/ /	CAT3	0
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COMMENT:

On schedule.

1	TA0: Drf WSP RFI Rpt to AA (0-003,0-012)	On Schedule	06/23/1997	/ /	/ /	CAT3	0
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COMMENT:

On schedule.

1	TA19: Submit Drf East Gate Lab RFI Rpt to AA	On Schedule	07/03/1997	/ /	/ /	CAT3	0
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COMMENT:

On schedule.

1	TA-3: AA Draft of Work Plan Complete	On Schedule	07/24/1997	/ /	/ /	CAT3	0
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COMMENT:

Reporting Period: 12/1996

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: Bldg 3&4 Submit AA Draft	On Schedule	08/14/1997	/ /	/ /	CAT3	0
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COMMENT:

On schedule.

1	TA0: Drf Inactive WWTP RFI Rpt to AA Grp 0-2	On Schedule	09/15/1997	/ /	/ /	CAT3	0
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COMMENT:

On schedule.

1	TA21: Notify AA if Necessary to Modify Wk Plan	On Schedule	10/20/1997	/ /	/ /		0
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COMMENT:

On schedule.

1	TA10: Submit AA Draft PH I RFI Rpt 10-008	On Schedule	10/22/1997	/ /	/ /	CAT3	0
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COMMENT:

On schedule.

1	TA21: Bldg 2 Submit AA Draft of PH1 SAP	On Schedule	10/28/1997	/ /	/ /		0
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Reporting Period: 12/1996

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-10:Central Area ALARA Plan Drft Complt for AA	On Schedule	11/03/1997	/ /	/ /		0
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COMMENT:
On schedule.

1	TA21 16.3 Submit AA Draft Ph1 RFI RPT	On Schedule	12/30/1997	/ /	/ /	CAT3	0
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COMMENT:
On schedule.

1	TA21 16.5 Submit AA Draft Ph1 RFI Report	On Schedule	02/19/1998	/ /	/ /	CAT3	0
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COMMENT:
On schedule.

1	TA73: LA Airport Submit AA RFI Report Draft	Forecast Delay	03/05/1998	05/05/1998	/ /	CAT2	0
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COMMENT:
Field work has been halted pending decision as to who is the regulatory authority for the old landfill at this site.

1	TA73: Drf LA Airport RFI Rpt to AA [Grp 7	On Schedule	03/06/1998	/ /	/ /	CAT3	0
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COMMENT:

Reporting Period: 12/1996

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: Submit AA Draft of DP Canyon Rpt	On Schedule	03/13/1998	/ /	/ /	CAT3	0
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COMMENT:

On schedule.

1	TA21: 16.4 Submit AA RFI Report Draft Ph 2	On Schedule	04/21/1998	/ /	/ /	CAT3	0
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COMMENT:

On schedule.

1	TA-3: Submit AA Draft of Upper Sandia Canyon Rpt	On Schedule	05/28/1998	/ /	/ /	CAT3	0
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COMMENT:

On schedule.

NARRATIVE

Narrative

1.0 SIGNIFICANT PROBLEMS, ISSUES, CONCERNS:

FU 1 continues to wait for clarification from NMED concerning Notice-Of-Deficiencies, including TA-3 and TA-21.

2.0 CORRECTIVE ACTION:

LANL has sent a memo to the regulatory agency asking for clarification.

3.0 SUMMARY ASSESSMENT:

Readiness reviews for field work at TA-0 and TA-19 were held this month.

Reporting Period: 12/1996

ADS/TTP #: ALLA-2001- -

WBS #: 1.4.2.6.1.1

Narrative (Continued):

In addition, drilling operations commenced at TA-21, MDA-T. Other field work continued at the airport (TA-73), at two septic tanks located in TA-0, and at the chamisa vegetation site in Bayo Canyon, TA-10. Progress continues on preparation of VCA, RFI, and IA reports. FU 1 continues to wait for clarification from NMED concerning NODs.

4.0 COST STATUS:

Cost Performance Report:

Current Period: \$ 416K, or 108%

FY to Date: \$ 209K, or 14%

For the month of December, cumulative accruals were not entered into the financial system. This caused a significant understatement of actual costs and an artificial cost variance for all LANL ER sub-projects.

Current period and cumulative to date costs for this subproject were understated by \$597K for this reporting period.

We do not anticipate recurrence of this problem and believe the current artificial cost variances will be eliminated in the next reporting cycle.

5.0 SCHEDULE STATUS:

Cost Performance Report:

Current Period:\$ (516)K, or -57%

FY to Date: \$ (794)K, or -34%

The current period schedule variance is not within threshold limits. The variance reflects delayed field work due to regulatory concerns, delayed analyticals, as well as the delayed issuance of work releases in the second quarter. Other delays include waiting for clarification from NMED before starting efforts planned in December, including NOD responses and SAPs. Some delays have also been experienced in obtaining county access agreements for the townsite area VCAs.

The majority of the fiscal year to date variance is explained by the current period variance.

6.0 TECHNICAL STATUS

6.1 RFI WORK PLANS AND SAMPLING PLANS

TA-10

Development of the data quality objectives for sampling and analysis plans (SAPs) for two Bayo Canyon investigations, PRS 10-008 (the tree-rimmed firing site) and PRS 10-009 (the Bayo Canyon landfill) continued this month. The SAP for PRS 10-009 will be a combination SAP and VCA Plan. Archival research is being done for both PRSs. A new access agreement with the County was drafted and approved this month for sampling activities in Bayo Canyon.

TA-21

The MDA B (PRS 21-015) subsurface replan was distributed for LANL project office review.

6.2 FIELD WORK-RFI INVESTIGATIONS

TA-0

The readiness review was held December 13 for field work at the Western Steam Plant, PRSs 0-003 and 0-012.

An access agreement was obtained from the County to sample outfall pipes at PRS 0-019, the Central waste water treatment plant this month.

TA-19

The readiness review was held December 13 for field work at the East Gate Laboratory, PRSs 19-001, 19-003, and C-19-001.

TA-21

Drilling and sampling began at TA-21 MDA T [PRSs 21-016(a-c), 21-028(a), and 21-011(c)]. Three boreholes were completed (150 feet total), two in the retrievable storage area and one north of absorption bed 3. Cores samples in the 22-24 ft interval screened high for radioactivity in one of the retrievable storage area boreholes. The samples were further screened in the TA-21 radiological laboratory for shipping. Samples were packaged and transported by BUS division to meet DOT requirements, and then sent for

Reporting Period: 12/1996

ADS/TTP #: ALLA-2001- -

WBS #: 1.4.2.6.1.1

Narrative (Continued):

laboratory analysis. The samples are being analyzed for RCRA contaminants, and isotopic analysis.

The necessary documentation for an RFI field work readiness review for PRS 21-024(i) is still being gathered. The readiness review will be held in January.

TA-73

Weather and site conditions forced a delay in collecting the final Phase 1 samples at PRS 73-002. In addition, archival and historical research for PRSs 73-001(b,c,d) continued this month with interviews of former site workers.

Data summaries of landfill gas samples were prepared for evaluation of PRS 73-001(a) strategies.

6.3 REPORTS

TA-0

Initial preparation of the VCA report for activities associated with septic tank PRSs 0-030(d), 0-030(k) and manhole C-0-043 began this month.

TA-1

Preparation of the RFI Report for TA-1 Aggregates N and P [PRSs 1-001(s,u) and 1-007(l)] continued this month.

TA-10

DOE comments on the TA-10 [PRS 10-001(a-d)] Bayo Canyon Shrapnel Report have been incorporated. The report continues to undergo final review and editing.

TA-21

Preparation of the RFI Report for PRSs 21-026(a-c), the TA-21 waste water treatment plant (WWTP), and PRS 21-013(a), a surface disposal site associated with the WWTP, continued this month. A rough draft of the report was distributed to the technical team for comments.

The interim action report for 21-011(k) was essentially completed and is waiting for confirmatory analyses results which are still pending. We

anticipate the report will be submitted for review on January 8, 1997.

6.4 NOD RESPONSES

TA-0

Preparation of the NOD response for PRS 0-030(g) continued this month. All field data for PCBs in the outfall drainage have been received. Several program-wide issues were brought up in the NOD regarding methods of comparing background and questions on Eco risk comparisons that need input from the ER Program office, therefore, the NOD response is anticipated to be complete by mid-January.

TA-3

LANL continued to wait for clarification from NMED concerning a disapproval notice for the RCRA Facility Investigation Work Plan for Operable Unit 1114, Addendum 1. Therefore, preparing sampling and analyses plans called out in the baseline due to the NOD have not been started.

TA-21

LANL continued to wait for clarification from NMED concerning the NOD on the RFI report for TA-21, 1B and 1C, and the related addendum.

6.5 VCA/EC AND INTERIM ACTION ACTIVITIES

TA-0

We have received verbal permission from NMED to proceed with continued processing of berm material at PRS 0-016, the inactive firing range. In January we are planning to begin a multi-step process to reduce the volume of material into a more concentrated mixture of lead and gravel. The process involves first continued processing and drying the material so that an impact crusher can be used to grind the softer gravel into a fine material. This crushed material will then be re-sieved to separate the finer material from the bullet sized fraction. This action should reduce the volume of lead containing material to several hundred yards of hard gravel and bullets. We will then use a vacuum system to remove the remaining gravel from the bullets. We have also received a NOI permit for discharging pond water to the environment. We will proceed as weather permits.

Reporting Period: 12/1996

ADS/TTP #: ALLA-2001- -

WBS #: 1.4.2.6.1.1

Narrative (Continued):

Field work was completed at septic tank PRS 0-030(d) on Pine Street. The tank and associated outfall piping were sampled. Due to the proximity of buried utilities, the sampling results, and the minimal added value of removal, the tank was abandoned in place according to State septic tank abandonment guidelines. However, 170 linear feet of outfall piping were removed at septic tank 0-030(d), and sent off-site for recycling.

Field work was completed at manhole C-0-043 at the (new) Immaculate Heart of Mary Catholic Church. The manhole was removed and verification samples were collected and submitted for laboratory analyses.

TA-1

The Stormwater Pollution Prevention Plan for the IA at Hillside 138 [PRS 1-001(d)] was revised. Soil berms were created below the lower bench remediated area, but seeding will be delayed until germination and establishment will be successful.

TA-3

No work was completed this month at PRS 3-056(c) because a regulatory determination for a 10 ppm PCB cleanup level remains to be obtained from both NMED and EPA TSCA prior to implementing slope stabilization.

TA-10

Sampling was completed in Bayo Canyon in the area surrounding the chamisa plants. The extent of strontium-90 contamination in nearby plants and soil has been determined. The information obtained will be incorporated into the interim action plan.

7.0 MAJOR ACCOMPLISHMENTS:

October 1996

The field implementation pilot plan for sampling the Bayo Canyon chamisa plants was completed.

Drilling operations were successfully completed at the DP Road Storage area (PRS 0-027).

Drilling operations were successfully completed at all three WWTPs (PRSS

0-018(a,b) and 0-019).

Field work was completed at septic tank 0-030(k) on Tewa Loop.

The field work for the interim action at the SWMU 21-011(k) outfall was completed.

The TA-21 MDA T [PRSS 21-016(a-c), 21-028(a), and 21-011(c)] subsurface investigation readiness review was completed.

Final placement of material from the former firing range, PRS 0-016, to the new firing range at TA-72 was completed.

November 1996

The internal reports for MDA B and MDA T were completed.

December 1996

Field work was completed at septic tank PRS 0-030(d) on Pine Street.

Field work was completed at manhole PRS C-0-043 at the (new) Immaculate Heart of Mary Catholic Church.

The readiness review was completed for field work at the Western Steam Plant, PRSS 0-003 and 0-012.

The readiness review was completed for field work at the East Gate Laboratory, PRSS 19-001, 19-003, and C-19-001.

Sampling was completed in Bayo Canyon in the area surrounding the chamisa plants.

An access agreement was obtained from the County to sample outfall pipes at PRS 0-019, the Central waste water treatment plant.

An access agreement was obtained from the County to sample in Bayo Canyon.

DATE PRINTED: 01/22/1997

PTS - PROGRAM MANAGER'S REPORT

Page: 11

Reporting Period: 12/1996

ADS/TTP #: ALLA-2001- -

WBS #: 1.4.2.6.1.1

PROJECT MANAGER'S RATINGS

No ratings available.

Reporting Period: 12/1996

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

ANNUAL TOTALS (\$000)

B&R Code	PY	PY	CY	CY	CY	CY	CY	CY	CY	PC	PC
	End FY 96 Unobl. Bal.	FY 96 Tot. Uncost.Obl.	FY 97 New Obl. Auth.	Total Avail.	FIS Obl. YTD 12/96	Prelim. Obl YTD	FIS Cost YTD 12/96	Prelim. Cost YTD	Proj'd Cur. Yr-End EstCo	End FY 97 Unobl. Bal.	FY 97 Tot. Uncost.Obl.
OE EW2010301	0	19	0	19	0	0	-105	0	0	0	0
OE EW2010302	0	159	0	159	0	0	331	0	0	0	0
OE EW2010304	0	0	0	0	0	0	29	0	0	0	0
Totals:	0	178	0	178	0	0	255	0	0	0	0

(Preliminary actuals as of July/96; Actuals as of December/96.)

EXPENDITURE RATE (\$000)

MONTH	-----MONTHLY-----						-----CUMULATIVE-----				
	BCWS	BCWP	Prelim	ACWP	SCHED VAR	COST VAR	BCWS	BCWP	ACWP	SCHED VAR	COST VAR
10	244	179	0	274	-65	-95	244	179	274	-65	-95
11	222	56	0	96	-166	-40	466	235	370	-231	-135
12	451	74	0	-115	-377	189	917	309	255	-608	54
1	523	---	---	---	---	---	---	---	---	---	---
2	502	---	---	---	---	---	---	---	---	---	---
3	511	---	---	---	---	---	---	---	---	---	---
4	616	---	---	---	---	---	---	---	---	---	---
5	658	---	---	---	---	---	---	---	---	---	---
6	483	---	---	---	---	---	---	---	---	---	---
7	383	---	---	---	---	---	---	---	---	---	---
8	365	---	---	---	---	---	---	---	---	---	---
9	621	---	---	---	---	---	---	---	---	---	---
	<u>5,579</u>	<u>309</u>	<u>0</u>	<u>255</u>	<u>-608</u>	<u>54</u>					

Reporting Period: 12/1996

ADS/TTP #: ALLA-2002- -

WBS #: 1.4.2.6.1.2

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

ACWP	BCWP	BCWS
35,893	32,065	32,635

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

FY98	FY99	FY00	FY01	FY02
5,655	5,622	6,144	5,446	0

TOTAL PROJECT PLAN

BAC	69,313	Budgeted Mgmt Reserve	0
EAC	69,313	Remaining Mgmt Reserve	0
TEC	0	Planning Contingency	0
TPC	69,313	Remaining Contingency	0
		Planned R & U	0
		Remaining R & U	0

MILESTONE REPORT

LEV	TITLE	STATUS	PLANNED	FORECAST	ACTUAL	MILE CATEGORY	FLOAT
1	TA-39 (AA) DRAFT REPORT COMPLETE PRS 39-001A-B	Overdue	10/29/1996	09/30/1997	/ /	CAT1	0

COMMENT:
This milestone continues to be on hold status pending resolution of programmatic ECO risks and project consistency issues raised by NMED. We are still showing progress towards completion of the data analysis and design support logic to be included when the report continues.

1	TA-18 FINAL REPORT COMPLETED	Overdue	11/05/1996	02/06/1997	/ /	CAT1	0
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COMMENT:
Awaiting comments from "AA" to complete final report.

1	(AA) APPROVES VCA REPORT 15-004(B)	Overdue	12/05/1996	03/06/1997	/ /		0
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COMMENT:

Reporting Period: 12/1996

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.)

VCA report sent to "AA", awaiting comments

1	TA-14 Q-SITE AGGRGT FINAL REPORT COMPLETED	Completed	12/19/1996	/ /	10/31/1996	CAT3	0
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COMMENT:

Completed.

1	TA-12 L-SITE AGGRGT FINAL REPORT COMPLETED	Completed	12/24/1996	/ /	10/31/1996	CAT3	0
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COMMENT:

Completed.

1	TA-20/53/72 FINAL REPORT COMPLETED	Forecast Delay	01/15/1997	04/10/1997	/ /	CAT2	0
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COMMENT:

The VCA Report has been sent to AA, and we are awaiting comments to complete the final report.

1	TA-36 FLDWK ISSUE FINAL REPORT	Forecast Delay	01/15/1997	04/10/1997	/ /	CAT2	0
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COMMENT:

Awaiting comments from AA in order to complete final report.

1	TA-36: FINAL EC REPORT COMPLETED PRS 36-003(A)	Forecast Delay	01/15/1997	04/10/1997	/ /		0
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Reporting Period: 12/1996

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:

Awaiting comments from AA in order to complete final report.

1	TA-15 FIELDWORK IFINAL REPORT COMPLETED	Forecast Delay	01/22/1997	04/17/1997	/ /	CAT2	0
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COMMENT:

Awaiting comments from AA in order to complete final report.

1	TA-15 OU# 1086 (AA) DRAFT COMPLETE	Forecast Delay	01/24/1997	04/21/1997	/ /	CAT2	0
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COMMENT:

Awaiting comments from AA to complete draft report.

1	TA-39 FINAL COMPOSITE REPORT COMP PRS 39-001A-B	Forecast Delay	01/29/1997	04/08/1997	/ /		0
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COMMENT:

Awaiting comments from AA in order to complete final report.

1	(AA) REPORT COMPLETE PRS 36-005	Forecast Delay	06/30/1997	09/24/1997	/ /	CAT2	0
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COMMENT:

Awaiting comments from AA in order to complete final report.

1	(AA) FINAL REPORT COMPLETE PRS 36-005	Forecast Delay	09/16/1997	12/15/1997	/ /		0
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COMMENT:

Reporting Period: 12/1996

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.)

Awaiting comments from AA in order to complete final report.

1	(AA) FINAL REPORT COMPLETE PRS 18-003(D)	Forecast Delay	09/30/1997	12/10/1997	/ /	CAT2	0
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COMMENT:

Awaiting comments from AA in order to complete final report.

1	(AA) REPORT COMPLETE PRS 15-010A	On Schedule	02/13/1998	/ /	/ /	CAT3	0
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COMMENT:

On schedule.

1	(AA) REPORT COMPLETE PRS 15-008D	On Schedule	02/13/1998	/ /	/ /	CAT3	0
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COMMENT:

On schedule.

1	PRS 15-007A (AA) REPORT COMPLETE PRS	On Schedule	03/23/1998	/ /	/ /	CAT3	0
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COMMENT:

On schedule.

1	(AA) REPORT COMPLETE PRS	On Schedule	03/24/1998	/ /	/ /	CAT3	0
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Reporting Period: 12/1996

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:

On schedule.

1	PRS C-15-010 (AA) REPORT COMPLETE	On Schedule	03/26/1998	/ /	/ /	CAT3	0
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COMMENT:

On schedule.

1	(AA) REPORT COMPLETE PRS	On Schedule	03/27/1998	/ /	/ /	CAT3	0
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COMMENT:

On schedule.

1	PRS C-15-007 (AA) REPORT COMPLETE	On Schedule	04/24/1998	/ /	/ /	CAT3	0
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COMMENT:

On schedule.

1	(AA) FINAL REPORT COMPLETE PRS 15-010A	On Schedule	05/01/1998	/ /	/ /		0
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COMMENT:

On schedule.

1	(AA) FINAL REPORT COMPLETE PRS 15-008D	On Schedule	05/01/1998	/ /	/ /		0
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COMMENT:

Reporting Period: 12/1996

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.)

On schedule.

1	PRS 53-006A,B,C,D,E,F (AA) REPORT COMPLETE	On Schedule	05/11/1998	/ /	/ /	CAT3	0
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COMMENT:

On schedule.

1	(AA) FINAL REPORT COMPLETE PRS 15-007A	On Schedule	06/08/1998	/ /	/ /		0
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COMMENT:

On schedule.

1	(AA) FINAL REPORT COMPLETE PRS	On Schedule	06/09/1998	/ /	/ /	CAT3	0
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COMMENT:

On schedule.

1	(AA) FINAL REPORT COMPLETE PRS C-15-010	On Schedule	06/11/1998	/ /	/ /		0
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COMMENT:

On schedule.

1	(AA) FINAL REPORT COMPLETE PRS	On Schedule	06/12/1998	/ /	/ /		0
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Reporting Period: 12/1996

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:

On schedule.

NARRATIVE

Narrative

1. Significant Problems/Issues/Concerns:

Unit 1130:

The planned removal of liquid waste from the cleanup at PRS 36-003(b) was delayed because of inclement weather and non-availability of staff from TA-50.

Unit 1132:

The RFI composite report for OU1132 continues to be placed on hold status pending resolution of programmatic ECO risks and project consistency issues raised by NMED. Progress towards completion of the data analysis and design support logic to be included in the report continues.

2. Corrective Action:

Unit 1130:

The waste will be removed as soon as conditions allow. There is no regulatory driver on the timing of waste removal.

Unit 1132:

The pending resolution of programmatic ECO risks and project inconsistencies raised by NMED is being further discussed between the ER Project Office and NMED.

3. Summary Assessment:

All Units:

As requested by the ER Program Office, the Field Teams of Field Unit #2

developed a detailed criteria of all administrative and technical tasks required for a VCA. A draft version of this report was presented to the Special Projects Group of the Program Office on December 9, 1996.

Unit 1085:

A meeting was held on December 10, 1996 with the NMED DOE Oversight Bureau so it could become familiar about the PRSs in TAs 12/67, 14 and 15.

Unit 1086:

Due to weather conditions, no field work occurred at PRS 15-004(f), Firing Site E-F. NMED requested a tour of all 50 PRSs in TA-15, which was conducted on December 19, 1996. Much time was spent preparing for the tour, since the team wrote a fact sheet that described each PRS. A meeting was held on December 10, 1996 with the NMED DOE Oversight Bureau so it could become familiar about the PRSs in TAs 12/67, 14 and 15.

Unit 1100:

All tasks are slated to begin in January 1997.

4. Cost Status:

Cost Performance Report:

Current Period: \$189K, or 255%

FY to Date: \$54K, or 17%

For the month of December, cumulative accruals were not entered into the financial system. This caused a significant understatement of actual costs

Reporting Period: 12/1996

ADS/TTP #: ALLA-2002- -

WBS #: 1.4.2.6.1.2

Narrative (Continued):

and an artificial cost variance for all LANL ER sub-projects.

Current period and cumulative to date costs for this subproject were understated by \$589K for this reporting period.

We do not anticipate recurrence of this problem and believe the current artificial cost variances will be eliminated in the next monthly reporting cycle.

5. Schedule Status

Cost Performance Report:

Current Period: \$(377)K, or -84%

FY to Date: \$(608)K, or -66%

The current period negative schedule variance was primarily caused by the cessation of work at PRS 36-0038 due to bad weather in the field (approximately \$283K). Eco risk issues are still needing to be resolved between the Program Office and NMED (approximately \$94K). Meeting with the State to come up with a Corrective Action Plan for PRS 18-003D Septic System.

6. Technical Status:

Unit 1093:

Ground water samples were collected from monitoring wells drilled in November near PRS 18-003(d). The analytical data will be used to address the extent of ground water contamination in the area.

A summary report was prepared describing the sampling done during November at PRS 18-008, the former underground storage tank. The data showed that some diesel fuel was probably released from the tank at some time in the past, but that very little migration of contamination has occurred. No further action will be required at this site, other than disposal of the tank and liquid it contained. Waste profile forms for that disposal were completed for submission to CST-5. Some of the waste accumulated from previous sampling events was successfully delivered to disposal facilities.

A meeting was held at TA-18 to discuss the possible removal of the underground solution pipe, PRS 18-006. A number of logistical issues were raised that could escalate the cost above a level that would justify doing the work at this time. Information copies of the IA plan and report for PRS 18-003(a,b,c,d,g) had been sent to NMED during the summer and fall of 1996.

They prepared an NOD addressing those plans. The ER Project agreed to develop a response to that NOD. A draft of the response was prepared during the month, and submitted to LANL for internal review. A request was received from the Ecological Risk Assessment staff for a listing of all data pertinent to that assessment, with a set of criteria for what data were appropriate. This required a review of all previous analytical data obtained for this ADS, as well as the others for FU-2.

7. Major Accomplishments:

October 1996

The field implementation pilot plan for sampling the Bayo Canyon chamisa plants was completed.

Drilling operations were successfully completed at the DP Road Storage Area (PRS 0-027).

Drilling operations were successfully completed at all three WWTPs (PRS 0-018[a,b] and 0-019).

Field work was completed at septic tank 0-030(k) on Tewa Loop.

The field work for the interim action at the SWMU 21-011(k) outfall was completed.

The TA-21 MDA T (PRSs 21-016(a-c), 21-028(a), 21-011(c) subsurface investigation readiness review was completed.

Final placement of material from the former firing range, PRS 0-016, to the new firing range at TA-72 was completed.

DATE PRINTED: 01/22/1997

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Reporting Period: 12/1996

ADS/TTP #: ALLA-2002- -

WBS #: 1.4.2.6.1.2

Narrative (Continued):

November 1996

The internal reports for MDA B and MDA T were completed.

DATE PRINTED: 01/22/1997

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Reporting Period: 12/1996

ADS/TTP #: ALLA-2002- -

WBS #: 1.4.2.6.1.2

PROJECT MANAGER'S RATINGS

No ratings available.

Reporting Period: 12/1996

ADS/TTP #: ALLA-2003- -

WBS #: 1.4.2.6.1.3

EXPENDITURE RATE (\$000) Continued

MONTH	-----MONTHLY-----						-----CUMULATIVE-----				
	BCWS	BCWP	Prelim	ACWP	SCHED VAR	COST VAR	BCWS	BCWP	ACWP	SCHED VAR	COST VAR
	<u>5,325</u>	<u>692</u>	<u>0</u>	<u>742</u>	<u>-386</u>	<u>-50</u>					
-----PRIOR YEARS COSTS-----						-----OUT YEAR COSTS-----					
ACWP	BCWP	BCWS		FY98	FY99	FY00	FY01	FY02			
23,469	20,575	22,300		4,760	4,666	4,854	4,689	0			

TOTAL PROJECT PLAN

BAC	51,214	Budgeted Mgmt Reserve	0
EAC	51,214	Remaining Mgmt Reserve	0
TEC	0	Planning Contingency	0
TPC	51,214	Remaining Contingency	0
		Planned R & U	0
		Remaining R & U	0

MILESTONE REPORT

LEV	TITLE	STATUS	PLANNED	FORECAST	ACTUAL	MILE CATEGORY	FLOAT
1	TA16: A.A PRI RFI REPORT COMPLETE SG 1-8	Overdue	10/30/1996	09/30/1997	/ /	CAT1	0

COMMENT:
Report will be delayed until Eco-risk issues are resolved.

1	TA16:AGG.EC.5 EPA DRAFT REPORT COMPLETE	Completed	03/14/1997	/ /	09/30/1996	CAT3	0
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COMMENT:

Reporting Period: 12/1996

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.6 EPA DRAFT REPORT COMPLETE	Completed	03/14/1997	/ /	09/30/1996	CAT3	0
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COMMENT:

Completed.

1	TA16:AGG.EC.6 EPA APPROVES EC REPORT	Completed	03/28/1997	/ /	09/30/1996	CAT3	0
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COMMENT:

Completed.

1	TA33: SG 3/4 A.A RPT CMPLT RFI RPT	On Schedule	04/25/1997	/ /	/ /	CAT3	0
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COMMENT:

On schedule.

1	TA16:: A.A APPROVED CMS PLAN CMS PL	On Schedule	10/06/1997	/ /	/ /	CAT3	0
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COMMENT:

On schedule.

1	TA46: SG 2 A.A RFI REPORT CMPLT	On Schedule	02/11/1998	/ /	/ /	CAT3	0
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Reporting Period: 12/1996

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

Drilling at TA-16-260 continues to go slowly. Ecological risk continues to slow final delivery of reports to NMED.

2. Corrective Actions

FU 3 is budgeting additional scope for resources for future TA-16-260 drilling in replan. ER project is trying to solve ecological risk issue with the highest priority.

3. Summary Assessment:

TA-16 Hydrogeology (MA36-5129) - Spring sampling at TA-16 occurred. The SWSC line spring has virtually dried up, probably due to shut-down of a large process outfall at TA-16-260.

TA-16-260 260 RFI Report NOD (MA3D-5191) - FU 3 communicated with NMED on the informal response received in November 1996. NMED suggested no formal response was necessary. Issues will be discussed in a meeting with NMED in January, 1997.

TA-16-260 Phase II sampling (MA3C-5063) - A monitoring well was completed at a depth of 17 ft in the borehole in the pond at PRS 16-021(c). A sludge sample from this saturated interval was submitted for laboratory analysis. The analytical laboratory was unable to extract a water sample from this sludge. The laboratory soil data (not yet QA checked) from this sample indicates several thousand ppm RDX, HMX, and TNT. Laboratory samples from the bounding hole at 85 ft downstream from the outfall were received - samples at ~8 ft, ~20 ft, and ~40 feet were free of explosives. The surge bed samples (~ 70 feet) contained low-level RDX and TNB (< 10 ppm).

Additional geophysics surveys were completed, which showed that the pond anomaly extends toward the springs.

A third hole was begun ~ 100 ft down drainage from the outfall at TA-16-260. This hole only reached roughly 15 feet due to difficult drilling conditions. The field-team demobilized and released equipment.

TA-16 CMS Plan (MA35-5130) - RI/FS documents for HE contaminated CERCLA sites were ordered.

TA-16 CMS B&P(MA36-5131) NEPA for the in-situ experiment was verified as complete.

TA-16 V-Site VCAs (MA3V-5093) - Planning meetings for the V-Site VCAs occurred. Geophysics was completed at building TA-16-27. Many anomalies, most of uncertain origin, were located. Initial drafts of the V-Site plans were begun.

TA-33 SG3/4 RFI Report (MA3D-5105) - Work on this draft report continued. The decisions for the PRS were presented to the project-wide decision support group.

TA-33 SG3/4 fieldwork (MA3C-5080) - Field data was entered into field database prior to uploading into FIMAD. Projectiles at PRS 33-007(c) were packed into drums for disposal. Geophysics surveys at the new SWMU at TA-33 were completed.

TA-46 Hg IA (MA3T-5085) - Best Management Practices at PRSs 46-004(g), and

Reporting Period: 12/1996

ADS/TTP #: ALLA-2003- -

WBS #: 1.4.2.6.1.3

Narrative (Continued):

q) were completed.

4. Cost Status:

Cost Performance Report:

Current Period: \$215K , or 175%

FY to Date: \$(50)K, or -7%

For the month of December, cumulative accruals were not entered into the financial system. This caused a significant understatement of actual costs and an artificial cost variance for all LANL ER sub-projects.

Current period and cumulative to date costs for this subproject were understated by \$353K, respectively, for this reporting period.

We do not anticipate recurrence of this problem and believe the current artificial cost variances will be eliminated in the next monthly reporting cycle.

Current Period: Drilling technical difficulties at TA-16-260 caused the Field Team to take longer than originally scheduled to complete 3 boreholes. Kaiser \$160 K shift in charges has not yet occurred.

5. Schedule Status:

Schedule Performance Report:

Current Period: \$(312)K, or -72%

FY to Date: \$(386)K, or -36%

Current Period: The TA-16-260 drilling continues to be behind schedule due to drilling difficulties associated with both heavy snow and difficulties with remote drilling in densely welded tuff. IA and VCA Plan writing is slightly behind schedule. FY to Date: TA-16-260 drilling slowdowns have delayed all work for FU 3 for FY 97.

6. Technical Status:

7. Major Accomplishments:

October 1996

Successful completed treatment of mixed waste at PRS 33-010(b).

Completed shrapnel pickup in Chaquehui Canyon.

November 1996

Completed TA-33 field sampling campaign.

Completed TA-16 Best Management Practices at PRSs 16-003(n,o), the Burning Ground, and K-Site.

Completed TA-33 Best Management Practices at PRSs 33-008(c), and 33-009.

December 1996

Completed TA-46 Best Management Practices at PRS 46-004(c) and 46-004(g).

Completed TA-16 TA-16-260 drilling on three bore holes.

Installed shallow groundwater well at TA-16-260 pond.

Waste certification for 33-010(b) formerly-mixed waste transmitted to NMED.

DATE PRINTED: 01/22/1997

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Reporting Period: 12/1996

ADS/TTP #: ALLA-2003- -

WBS #: 1.4.2.6.1.3

PROJECT MANAGER'S RATINGS

No ratings available.

Reporting Period: 12/1996
 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

ANNUAL TOTALS (\$000)

B&R Code	PY	PY	CY	CY	CY	CY	CY	CY	CY	PC	PC
	End FY 96 Unobl. Bal.	FY 96 Tot. Uncost.Obl.	FY 97 New Obl. Auth.	Total Avail.	FIS Obl. YTD 12/96	Prelim. Obl YTD	FIS Cost YTD 12/96	Prelim. Cost YTD	Proj'd Cur. Yr-End EstCo	End FY 97 Unobl. Bal.	FY 97 Tot. Uncost.Obl.
OE EW2010301	1	47	0	48	0	0	504	0	0	0	0
OE EW2010302	0	149	0	149	0	0	-13	0	0	0	0
Totals:	1	196	0	197	0	0	491	0	0	0	0

(Preliminary actuals as of July/96; Actuals as of December/96.)

EXPENDITURE RATE (\$000)

MONTH	MONTHLY						CUMULATIVE					
	BCWS	BCWP	Prelim	ACWP	SCHED VAR	COST VAR	BCWS	BCWP	ACWP	SCHED VAR	COST VAR	
10	418	303	0	433	-115	-130	418	303	433	-115	-130	
11	337	281	0	156	-56	125	755	584	589	-171	-5	
12	349	227	0	-98	-122	325	1,104	811	491	-293	320	
1	443	---	---	---	---	---	---	---	---	---	---	
2	400	---	---	---	---	---	---	---	---	---	---	
3	530	---	---	---	---	---	---	---	---	---	---	
4	637	---	---	---	---	---	---	---	---	---	---	
5	585	---	---	---	---	---	---	---	---	---	---	
6	534	---	---	---	---	---	---	---	---	---	---	
7	484	---	---	---	---	---	---	---	---	---	---	
8	381	---	---	---	---	---	---	---	---	---	---	
9	432	---	---	---	---	---	---	---	---	---	---	
	<u>5,530</u>	<u>811</u>	<u>0</u>	<u>491</u>	<u>-293</u>	<u>320</u>						

Reporting Period: 12/1996

ADS/TTP #: ALLA-2004- -

WBS #: 1.4.2.6.1.4

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

ACWP	BCWP	BCWS
28,843	27,557	28,206

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

FY98	FY99	FY00	FY01	FY02
5,432	7,814	7,153	6,005	0

TOTAL PROJECT PLAN

BAC	191,014	Budgeted Mgmt Reserve	0
EAC	191,014	Remaining Mgmt Reserve	0
TEC	0	Planning Contingency	0
TPC	191,014	Remaining Contingency	0
		Planned R & U	0
		Remaining R & U	0

MILESTONE REPORT

LEV	TITLE	STATUS	PLANNED	FORECAST	ACTUAL	MILE CATEGORY	FLOAT
1	MORT: ISSUE MORT SMPL PLAN AA/STKHLDR RVW	On Schedule	03/28/1997	/ /	/ /		0

COMMENT:
On schedule.

1	TA-48 FINISH RAD ADDENDUM/NOD REPORT	On Schedule	07/01/1997	/ /	/ /		0
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COMMENT:
On schedule.

1	TA-4: ISSUE NFA REPORT	On Schedule	07/22/1997	/ /	/ /	CAT3	0
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COMMENT:

Reporting Period: 12/1996

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.)

On schedule.

1	TA-5 FINISH NFA REPORT	On Schedule	08/12/1997	/ /	/ /	CAT3	0
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COMMENT:

On schedule.

1	"ALPHA" RAD ADDENDUM FINISH	On Schedule	08/14/1997	/ /	/ /		0
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COMMENT:

On schedule.

1	"CHARLIE" RAD ADDENDUM FINISH	On Schedule	09/26/1997	/ /	/ /		0
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COMMENT:

On schedule.

1	TA-35 FINISH RFI REPORT	On Schedule	10/14/1997	/ /	/ /	CAT3	0
---	-------------------------	-------------	------------	-----	-----	------	---

COMMENT:

On schedule.

1	"DELTA" RAD ADDENDUM FINISH	On Schedule	11/24/1997	/ /	/ /		0
---	-----------------------------	-------------	------------	-----	-----	--	---

Reporting Period: 12/1996

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:
On schedule.

1	TA-2/41 FINISH NFA REPORT	On Schedule	12/12/1997	/ /	/ /	CAT3	0
---	---------------------------	-------------	------------	-----	-----	------	---

COMMENT:
On schedule.

1	TA-52/63 FINISH NFA RFI REPORT	On Schedule	03/03/1998	/ /	/ /	CAT3	0
---	--------------------------------	-------------	------------	-----	-----	------	---

COMMENT:
On schedule.

1	PAJA: ISSUE PAJA SMPL PLAN AA/STK HLDR RVW	On Schedule	05/11/1998	/ /	/ /		0
---	--	-------------	------------	-----	-----	--	---

COMMENT:
On schedule.

NARRATIVE

Narrative

1. Significant Problems/Issues/Concerns:

The Field Unit 4 TA 2/41 RFI SAP has been rescheduled for FY02 due to D&D activities not being completed until approximately FY99.

The Field Unit 4 Surface Water SAP technical scope has changed and

responsibility resides at the LANL ER Project Office level.

2. Corrective Action

Schedule/Technical

TA-2/41 resources will be reallocated to TA-35 SAP required activities,

Reporting Period: 12/1996

ADS/TTP #: ALLA-2004- -

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Narrative (Continued):

additional technical scope is reflected in the new BCP to be submitted in January.

Changes to the Surface Water SAP will also be reflected in the new BCP submission.

3. Summary Assessment

RFI field work continues to reflect a negative cost variance due to continued severe weather conditions.

4. Cost Status

Cost Performance Report

Current Period: \$325K, or 143%

FY to date: \$320K, or 39%

For the month of December, cumulative accruals were not entered into the financial system. This caused a significant understatement of actual costs and an artificial cost variance for all LANL ER sub-projects.

Current period and cumulative to date costs for this subproject were understated by \$485K for this reporting period.

We do not anticipate recurrence of this problem and believe the current artificial cost variances will be eliminated in the next monthly reporting cycle.

5. Schedule Status

Cost Performance Report

Current Period: \$(122)K, or -35%

FY to Date: \$(293)K, or -26%

TA-2/41 RFI SAP reflects negative cost variance due to changes in the technical approach. The TA-2/41 RFI activities will reflect cost savings as

a result of D&D activities occurring prior to the writing and execution of the SAP.

The Surface Water SAP will be accomplished at the LANL ER Project Office, therefore those activities will be replanned in the new BCP.

6. Technical Status

7. Major Accomplishments

October 1996

Issued TA-48 SAP

November 1996

December 1996

DATE PRINTED: 01/22/1997

PTS - PROGRAM MANAGER'S REPORT

Page: 34

Reporting Period: 12/1996

ADS/TTP #: ALLA-2004- -

WBS #: 1.4.2.6.1.4

PROJECT MANAGER'S RATINGS

No ratings available.

Reporting Period: 12/1996

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

ANNUAL TOTALS (\$000)

B&R Code	PY	PY	CY	CY	CY	CY	CY	CY	CY	PC	PC
	End FY 96 Unobl. Bal.	FY 96 Tot. Uncost.Obl.	FY 97 New Obl. Auth.	Total Avail.	FIS Obl. YTD 12/96	Prelim. Obl YTD	FIS Cost YTD 12/96	Prelim. Cost YTD	Proj'd Cur. Yr-End EstCo	End FY 97 Unobl. Bal.	FY 97 Tot. Uncost.Obl.
OE EW2010301	0	84	0	84	0	0	357	0	0	0	0
OE EW2010302	0	117	0	117	0	0	78	0	0	0	0
OE EW2010304	0	0	0	0	0	0	0	0	0	0	0
Totals:	0	201	0	201	0	0	435	0	0	0	0

(Preliminary actuals as of July/96; Actuals as of December/96.)

EXPENDITURE RATE (\$000)

MONTH	MONTHLY						CUMULATIVE				
	BCWS	BCWP	Prelim	ACWP	SCHED VAR	COST VAR	BCWS	BCWP	ACWP	SCHED VAR	COST VAR
10	278	174	0	153	-104	21	278	174	153	-104	21
11	253	233	0	243	-20	-10	531	407	396	-124	11
12	378	127	0	39	-251	88	909	534	435	-375	99
1	569	---	---	---	---	---	---	---	---	---	---
2	510	---	---	---	---	---	---	---	---	---	---
3	438	---	---	---	---	---	---	---	---	---	---
4	458	---	---	---	---	---	---	---	---	---	---
5	444	---	---	---	---	---	---	---	---	---	---
6	355	---	---	---	---	---	---	---	---	---	---
7	308	---	---	---	---	---	---	---	---	---	---
8	262	---	---	---	---	---	---	---	---	---	---
9	454	---	---	---	---	---	---	---	---	---	---
	<u>4,707</u>	<u>534</u>	<u>0</u>	<u>435</u>	<u>-375</u>	<u>99</u>					

Reporting Period: 12/1996

ADS/TTP #: ALLA-2005- -

WBS #: 1.4.2.6.1.5

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

ACWP	BCWP	BCWS
39,671	38,284	39,177

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

FY98	FY99	FY00	FY01	FY02
5,496	5,494	5,995	5,264	0

TOTAL PROJECT PLAN

BAC	173,056	Budgeted Mgmt Reserve	0
EAC	173,056	Remaining Mgmt Reserve	0
TEC	0	Planning Contingency	0
TPC	173,056	Remaining Contingency	0
		Planned R & U	0
		Remaining R & U	0

MILESTONE REPORT

LEV	TITLE	STATUS	PLANNED	FORECAST	ACTUAL	MILE CATEGORY	FLOAT
1	TA08: &09 SOIL SAM AA DRAFT REPRT COMPLT RFI REP	Completed	10/01/1996	/ /	10/01/1996		0

COMMENT:
Completed.

1	TA54: MDA L(DRILL)START RFI REPORT RFI PH1	Completed	10/01/1996	/ /	10/01/1996	CAT3	0
---	--	-----------	------------	-----	------------	------	---

COMMENT:
Completed.

1	TA54: MDA G SURF SOIL START RFI REPORT RFI	Completed	11/01/1996	/ /	10/21/1996		0
---	--	-----------	------------	-----	------------	--	---

COMMENT:

Reporting Period: 12/1996

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.)

Completed.

1	TA06: -22 SOIL SAM(PART 2)START RFI REPORT RFI	Completed	11/01/1996	/ /	11/01/1996		0
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COMMENT:

Completed.

1	TA54: MDA L(DRILL)AA DRFT RFI REP COMPLT RFI PH1	Overdue	12/19/1996	01/17/1997	/ /	CAT1	0
---	--	---------	------------	------------	-----	------	---

COMMENT:

Delayed by its predecessor activity, Develop the RFI Report. The completion of the RFI Report has been delayed by the completion of statistical analysis.

1	TA54: MDA G SURF SOIL AA DRFT RFI REP COMPLT PH1	Overdue	12/19/1996	02/03/1997	/ /	CAT1	0
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COMMENT:

Delayed by completion of RFI Report. The RFI Report has been delayed by the person responsible for the statistical analysis having a long term illness.

1	TA49: AREA 1,3-6,10-12 START RFI REPORT RFI PH1	Completed	01/02/1997	/ /	10/01/1996		0
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COMMENT:

Completed.

1	TA50: MDA C START RFI REPORT STAGE 1 RFI PH1	On Schedule	01/23/1997	/ /	/ /		0
---	--	-------------	------------	-----	-----	--	---

Reporting Period: 12/1996

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: AREA 1,3-6,10-12 AA DRAFT REPRT COMPLT PH1	On Schedule	02/13/1997	/ /	/ /	CAT3	0
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COMMENT:

On schedule.

1	TA06: -22 SOIL SAM(PART 2)AA DRFT REP CMPLT RFI	On Schedule	02/13/1997	/ /	/ /	CAT3	0
---	---	-------------	------------	-----	-----	------	---

COMMENT:

On schedule.

1	TA54: MDA G AIR SAM START RFI REPORT RFI PH1	On Schedule	02/13/1997	/ /	/ /		0
---	--	-------------	------------	-----	-----	--	---

COMMENT:

On schedule.

1	TA54: MDA L(DRILL)RFI REPORT COMPLETE RFI PH1	On Schedule	02/26/1997	/ /	/ /		0
---	---	-------------	------------	-----	-----	--	---

COMMENT:

On schedule.

1	TA54: MDA G SURF SOIL RFI REPORT COMPLETE PH1	On Schedule	02/26/1997	/ /	/ /		0
---	---	-------------	------------	-----	-----	--	---

COMMENT:

Reporting Period: 12/1996

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.)

On schedule.

1	TA54: MDA G SRF WTR AA DRFT REPRT COMPLT RFI PH1	On Schedule	02/27/1997	/ /	/ /	CAT3	0
---	--	-------------	------------	-----	-----	------	---

COMMENT:

On schedule.

1	TA50: TEN SITE CANYON AA DRAFT COMPLETE IA	Forecast Delay	03/05/1997	05/12/1997	/ /		0
---	--	----------------	------------	------------	-----	--	---

COMMENT:

Field work preceding this activity is not yet complete due to weather conditions.

1	TA08: 9,40 SOIL SAM START RFI REPORT RFI REP	On Schedule	03/10/1997	/ /	/ /		0
---	--	-------------	------------	-----	-----	--	---

COMMENT:

On schedule.

1	TA06: BLD SITES SOIL SAM START RFI REPRT RFI PH1	On Schedule	03/10/1997	/ /	/ /		0
---	--	-------------	------------	-----	-----	--	---

COMMENT:

On schedule.

1	TA54: MDA G(DRILL) START RFI REPORT RFI PH1	On Schedule	03/10/1997	/ /	/ /		0
---	---	-------------	------------	-----	-----	--	---

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

1	TA49: BOTTLE HOUSE AA DRAFT COMPLETE	VCA	On Schedule	03/14/1997	/ /	/ /		0
---	--------------------------------------	-----	-------------	------------	-----	-----	--	---

COMMENT:
 On schedule.

1	TA57: BURNS SWALE START RFI REPORT	RFI PH2	On Schedule	04/14/1997	/ /	/ /		0
---	------------------------------------	---------	-------------	------------	-----	-----	--	---

COMMENT:
 On schedule.

1	TA40: FIRE.SITE SOIL SAM START RFI REPRT	RFI PH1	On Schedule	04/16/1997	/ /	/ /		0
---	--	---------	-------------	------------	-----	-----	--	---

COMMENT:
 On schedule.

1	TA49: AREA 1,3-6,10-12 RFI REPORT CMPLT	RFI PH1	On Schedule	04/17/1997	/ /	/ /		0
---	---	---------	-------------	------------	-----	-----	--	---

COMMENT:
 On schedule.

1	TA22: EXPLOSIVE SUMPS AA DRAFT COMPLETE	VCA	Forecast Delay	04/22/1997	07/09/1997	/ /		0
---	---	-----	----------------	------------	------------	-----	--	---

COMMENT:

Reporting Period: 12/1996

ADS/TTP #: ALLA-2005- -

WBS #: 1.4.2.6.1.5

MILESTONE REPORT Continued

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

COMMENT (cont.)

Delayed by the predecessor activity, prep for VCA work. The preparation of the VCA work has been delayed by the completion of the waste management plan.

1	TA54: MDA G AIR SAM AA DRFT REPRT COMPLT RFI PH1	On Schedule	04/24/1997	/ /	/ /	CAT3	0
---	--	-------------	------------	-----	-----	------	---

COMMENT:

On schedule.

1	TA49: AREA 2/COLD CORING AA DRAFT REPT CMPLT PH1	Forecast Delay	05/15/1997	07/15/1997	/ /	CAT2	0
---	--	----------------	------------	------------	-----	------	---

COMMENT:

This activity is delayed by a predecessor activity concerned with data assessment. The start of the data assessment activity has been delayed due to resources being diverted to the eco risk data issues.

1	TA49: BOTTLE HOUSE AA APPROVES VCA REPORT VCA	On Schedule	05/15/1997	/ /	/ /		0
---	---	-------------	------------	-----	-----	--	---

COMMENT:

On schedule.

1	TA49: BOTTLE HOUSE VCA CLNUP COMPLETE VCA	On Schedule	05/15/1997	/ /	/ /		0
---	---	-------------	------------	-----	-----	--	---

COMMENT:

On schedule.

1	TA50: MDA C AA DRAFT REPRT COMPLT STAGE 1 RFI PH1	On Schedule	05/16/1997	/ /	/ /	CAT3	0
---	---	-------------	------------	-----	-----	------	---

Reporting Period: 12/1996

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	TA22: XPLSV SEEPG PITS AA DRAFT COMPLETE	VCA	Forecast Delay	05/19/1997	08/13/1997	/ /	0
---	--	-----	----------------	------------	------------	-----	---

COMMENT:

Delayed by its predecessor activity, VCA Clean-up. VCA Clean-up has not started due to contract negotiations failing to finalize.

1	TA57: BURNS SWALE AA DRAFT COMPLT	RFI PH2	On Schedule	05/23/1997	/ /	/ /	0
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COMMENT:

On schedule.

1	TA08: 9,40 SOIL SAM AA DRAFT REPRT CMLPT RFI REP		Forecast Delay	06/30/1997	09/02/1997	/ /	CAT2	0
---	--	--	----------------	------------	------------	-----	------	---

COMMENT:

This activity has been inadvertently delayed due to an incorrect logic tie. The baseline date continues to be the forecast date.

1	TA06: BLD SITES SOIL SAM AA DRAFT CMLPT RFI PH1		On Schedule	06/30/1997	/ /	/ /	CAT3	0
---	---	--	-------------	------------	-----	-----	------	---

COMMENT:

On schedule.

1	TA06: BLD SITES SOIL SAM RFI REPRT CMLPT RFI PH1		On Schedule	06/30/1997	/ /	/ /	CAT3	0
---	--	--	-------------	------------	-----	-----	------	---

COMMENT:

Reporting Period: 12/1996

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.)

On schedule.

1	TA49: AREA 2/COLD CORING RFI REPORT COMPLETE PH1	On Schedule	07/18/1997	/ /	/ /		0
---	--	-------------	------------	-----	-----	--	---

COMMENT:

On schedule.

1	TA50: MDA C RFI REPORT COMPLETE STAGE 1 RFI PH1	On Schedule	07/18/1997	/ /	/ /	CAT3	0
---	---	-------------	------------	-----	-----	------	---

COMMENT:

On schedule.

1	TA57: BURNS SWALE AA APPROVES RFI REPORT RFI PH2	On Schedule	07/28/1997	/ /	/ /		0
---	--	-------------	------------	-----	-----	--	---

COMMENT:

On schedule.

1	TA54: MDA G(DRILL) AA DRFT RFI REP CMPLT RFI PH1	On Schedule	08/12/1997	/ /	/ /	CAT3	0
---	--	-------------	------------	-----	-----	------	---

COMMENT:

On schedule.

1	TA49: AREA 2(PAD) AA DRAFT COMPLETE IA	On Schedule	08/26/1997	/ /	/ /		0
---	--	-------------	------------	-----	-----	--	---

Reporting Period: 12/1996

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	TA40: FIRE.SITE SOIL SAM AA DRAFT COMPLT RFI PH1	On Schedule	08/29/1997	/ /	/ /	CAT3	0
---	--	-------------	------------	-----	-----	------	---

COMMENT:
On schedule.

1	TA6: ,8,9,22,51,54 SEP TNKS AA DRAFT COMPLET VCA	On Schedule	09/22/1997	/ /	/ /		0
---	--	-------------	------------	-----	-----	--	---

COMMENT:
On schedule.

1	TA54: MDA G(DRILL) RFI REPORT COMPLETE PH1	On Schedule	10/15/1997	/ /	/ /		0
---	--	-------------	------------	-----	-----	--	---

COMMENT:
On schedule.

1	TA49: AREA 2(PAD) AA APPROVES VCA REPORT IA	On Schedule	10/29/1997	/ /	/ /		0
---	---	-------------	------------	-----	-----	--	---

COMMENT:
On schedule.

1	TA49: AREA 2(PAD) IA CLNUP COMPLETE IA	On Schedule	10/29/1997	/ /	/ /		0
---	--	-------------	------------	-----	-----	--	---

COMMENT:

Reporting Period: 12/1996

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.)

On schedule.

1	TA40: FIRE.SITE SOIL SAM RFI REPRT CMPL RFI PH1	On Schedule	10/31/1997	/ /	/ /	CAT3	0
---	---	-------------	------------	-----	-----	------	---

COMMENT:

On schedule.

1	TA6: ,8,9,22,51,54 SEP TNKS AA APRVS VCA REP VCA	On Schedule	11/25/1997	/ /	/ /	CAT3	0
---	--	-------------	------------	-----	-----	------	---

COMMENT:

On schedule.

1	TA6: ,8,9,22,51,54 SEP TNK VCA CLNUP REP CMP VCA	On Schedule	11/25/1997	/ /	/ /		0
---	--	-------------	------------	-----	-----	--	---

COMMENT:

On schedule.

1	TA54: MDA H&J(CORING) AA DRFT REP COMPLT RFI PH1	On Schedule	12/17/1997	/ /	/ /	CAT3	0
---	--	-------------	------------	-----	-----	------	---

COMMENT:

On schedule.

1	TA57: SLUDGE DSPOSL PIT AA DRAFT COMPLETE VCA	On Schedule	12/22/1997	/ /	/ /		0
---	---	-------------	------------	-----	-----	--	---

Reporting Period: 12/1996

ADS/TTP #: ALLA-2005- -

WBS #: 1.4.2.6.1.5

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

COMMENT:

On schedule.

1	TA57: SLUDGE DSPOS PIT VCA CLNUP REPT CMLPT VCA	On Schedule	12/22/1997	/ /	/ /		0
---	---	-------------	------------	-----	-----	--	---

COMMENT:

On schedule.

1	TA00: FINAL EXPEDITED CLEANUP REPORT COMPLETE EC	On Schedule	12/22/1997	/ /	/ /		0
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COMMENT:

On schedule.

1	TA49: AREAS 1-4 START RFI REPORT MDA AB PH1	On Schedule	01/02/1998	/ /	/ /		0
---	---	-------------	------------	-----	-----	--	---

COMMENT:

On schedule.

1	TA50: MDA C START RFI REPORT STAGE 2 RFI PH1	On Schedule	01/22/1998	/ /	/ /		0
---	--	-------------	------------	-----	-----	--	---

COMMENT:

On schedule.

1	TA54: MDA H,J,L WTR RUNOFF START RFI REP RFI PH1	On Schedule	02/13/1998	/ /	/ /		0
---	--	-------------	------------	-----	-----	--	---

COMMENT:

Reporting Period: 12/1996

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.)

On schedule.

1	TA54: MDA H&J(CORING) RFI REPORT COMPLT RFI PH1	On Schedule	02/23/1998	/ /	/ /	CAT3	0
---	---	-------------	------------	-----	-----	------	---

COMMENT:

On schedule.

1	TA50: RFI FIELD WORK COMPLETE PHASE 1	On Schedule	04/09/1998	/ /	/ /		0
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COMMENT:

On schedule.

1	TA50: BUILDING 1 START RFI REPORT RFI PH1	On Schedule	04/10/1998	/ /	/ /		0
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COMMENT:

On schedule.

1	TA06: ,8,9,22,23,40 EXP AREAS START RFI RPT PH2	On Schedule	04/30/1998	/ /	/ /		0
---	---	-------------	------------	-----	-----	--	---

COMMENT:

On schedule.

1	TA08: MDA Q AA DRAFT COMPLETE VCA	On Schedule	05/27/1998	/ /	/ /		0
---	-----------------------------------	-------------	------------	-----	-----	--	---

Reporting Period: 12/1996

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	TA54: MDA G&J START RFI REPORT PH1	On Schedule	06/08/1998	/ /	/ /		0
---	------------------------------------	-------------	------------	-----	-----	--	---

COMMENT:
On schedule.

1	TA49: AREAS 1-4 AA DRFT REPORT CMPLT MDA AB PH1	On Schedule	07/01/1998	/ /	/ /	CAT3	0
---	---	-------------	------------	-----	-----	------	---

COMMENT:
On schedule.

1	TA54: MDA H SOIL EPA DRFT REP CMPL RFI PH1	On Schedule	08/28/1998	/ /	/ /	CAT3	0
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COMMENT:
On schedule.

NARRATIVE

Narrative

1. Significant Problems/Issues/Concerns:

A problem exists in the recommencement of quarterly monitoring of the subsurface VOC plume at MDA L. Quarterly assurance concerns must be overcome before sampling resumes. Many previous quarters of analytical data alleviate any concern of migration.

2. Corrective Action:

A contract task is being put in place during January 1997 to address the monitoring issue. Our schedule addresses QA concerns during February and sampling is to resume in March for the 2QFY97. A meeting with the State regulatory authority to discuss the issue is scheduled for January 1997.

Reporting Period: 12/1996

ADS/TTP #: ALLA-2005- -

WBS #: 1.4.2.6.1.5

Narrative (Continued):

3. Summary Assessment:

Field activities for the interim action at Ten Site Canyon [PRS 50-006(a)] were completed with removal of about 1 yd³ of alluvial material from the waterway. Fabrication of instrumentation package continued on a part-time basis for subsurface investigations at MDA L (PRS 54-006; note: November PTS report erroneously referred to PRS 54-002 for this ongoing activity). Progress continues on several RFI reports (MDA L Drilling; TA-49 Surface Sampling; TA's 6,7,8,9,22 and TA-50 MDA C), but some data validation activities have been slowed by the Project-wide priority of validation for ecological risk assessment. Regardless of the issue described in (4) below, this ADS is behind in rate of expenditure, but also behind in schedule nearly an equal amount for December. Work on some activities did not begin as scheduled during 1Q FY1997.

4. Cost Status:

Cost Performance Report:

Current Period: \$88K, or 69%
FY-to-Date: \$99K, or 18%

For the month of December, cumulative accruals were not entered into the financial system. This caused a significant understatement of actual costs and an artificial cost variance for all LANL ER sub-projects.

Current period and cumulative to date costs for this subproject were understated by \$151K for this reporting period.

We do not anticipate recurrence of this problem and believe the current artificial cost variances will be eliminated in the next monthly reporting cycle.

5. Schedule Status:

Cost Performance Report:

Current Period: \$(251)K, or -66%
FY-to-Date: \$(375)K, or -41%

This ADS's December schedule variance is significantly greater than the previous month. Although some RFI report activities are behind schedule (see above), performance was understated in the following areas: MDA G surface soil RFI report data assessment; MDA G surface soil develop RFI report; TA-49 develop VCA plan; TA-50 MDA C data assessment; and TA6 - 22 soil sampling (part 2) develop RFI report.

6. Technical Status:

Ten Site Canyon interim action [PRS 5-006(a)] was completed with removal of .072 cubic yards of dry, radioactive sediments. Clean-up targets were achieved with three field visits and confirmatory samples.

TA-49 Bottle House voluntary corrective action plan [PRS 49-008(d)] is complete and will be sent to DOE for review/approval after the holiday break. Re-evaluation of previously collected field data deleted one of the two clean-up areas.

An in-situ vitrification approach to stabilization is being discussed for TA-49 MDA AB (PRS 49-001 a through f). A "bottoms-up" vitrification process may minimize some molten material eruption problems experienced elsewhere in the past, but many technical problems still need to be understood with respect to the great mass of lead shielding buried at the site.

7. Major Accomplishments:

October 1996

Interim Action Plan developed for PRS 50-006(a).

Life-cycle Baseline Change Proposal finalized.

Ten Year Plan finalized.

November 1996

Reporting Period: 12/1996

ADS/TTP #: ALLA-2005- -

WBS #: 1.4.2.6.1.5

Narrative (Continued):

Started interim action at TA50, Ten Site Canyon.

December 1996

TA50, Ten Site Canyon interim action field activities completed, removing the immediate hazard of potentially mobile radioactively contaminated sediments.

DATE PRINTED: 01/22/1997

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Reporting Period: 12/1996

ADS/TTP #: ALLA-2005- -

WBS #: 1.4.2.6.1.5

PROJECT MANAGER'S RATINGS

No ratings available.

Reporting Period: 12/1996

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

ANNUAL TOTALS (\$000)

B&R Code	PY	PY	CY	CY	CY	CY	CY	CY	CY	PC	PC
	End FY 96 Unobl. Bal.	FY 96 Tot. Uncost.Obl.	FY 97 New Obl. Auth.	Total Avail.	FIS Obl. YTD 12/96	Prelim. Obl YTD	FIS Cost YTD 12/96	Prelim. Cost YTD	Proj'd Cur. Yr-End EstCo	End FY 97 Unobl. Bal.	FY 97 Tot. Uncost.Obl.
OE EW2010202	0	71	0	71	0	0	262	0	0	0	0
OE EW2010302	0	0	0	0	0	0	0	0	0	0	0
Totals:	0	71	0	71	0	0	262	0	0	0	0

(Preliminary actuals as of July/96; Actuals as of December/96.)

EXPENDITURE RATE (\$000)

MONTH	-----MONTHLY-----						-----CUMULATIVE-----				
	BCWS	BCWP	Prelim	ACWP	SCHED VAR	COST VAR	BCWS	BCWP	ACWP	SCHED VAR	COST VAR
10	336	214	0	149	-122	65	336	214	149	-122	65
11	198	60	0	225	-138	-165	534	274	374	-260	-100
12	151	61	0	-112	-90	173	685	335	262	-350	73
1	158	---	---	---	---	---	---	---	---	---	---
2	128	---	---	---	---	---	---	---	---	---	---
3	91	---	---	---	---	---	---	---	---	---	---
4	86	---	---	---	---	---	---	---	---	---	---
5	392	---	---	---	---	---	---	---	---	---	---
6	674	---	---	---	---	---	---	---	---	---	---
7	636	---	---	---	---	---	---	---	---	---	---
8	597	---	---	---	---	---	---	---	---	---	---
9	595	---	---	---	---	---	---	---	---	---	---
	<u>4,042</u>	<u>335</u>	<u>0</u>	<u>262</u>	<u>-350</u>	<u>73</u>					

Reporting Period: 12/1996

ADS/TTP #: ALLA-2006- -

WBS #: 1.4.2.6.1.6

-----PRIOR YEARS COSTS-----			-----OUT YEAR COSTS-----				
ACWP	BCWP	BCWS	FY98	FY99	FY00	FY01	FY02
8,381	8,520	10,105	1,650	991	2,301	2,499	0

TOTAL PROJECT PLAN

BAC	23,146	Budgeted Mgmt Reserve	0
EAC	23,146	Remaining Mgmt Reserve	0
TEC	0	Planning Contingency	0
TPC	23,146	Remaining Contingency	0
		Planned R & U	0
		Remaining R & U	0

MILESTONE REPORT

LEV	TITLE	STATUS	PLANNED	FORECAST	ACTUAL	MILE CATEGORY	FLOAT
1	SUBMIT FINAL CLOSURE REPORT - TA-35	Completed	08/05/1996	/ /	09/27/1996	CAT1	0

COMMENT:
Completed.

NARRATIVE

Narrative

1. Significant Problems/Issues/Concerns:

The discovery of detonable pieces of HE and MDA-P may require that the Closure Implementation be re-bid. ESA Division is concerned and will have a greater involvement and tighter control of future activities. This may adversely effect both cost and schequle.

2. Corrective Actions:

BUS-2 will review the Closure Implementation contract SOW. They will determine if the fixed-unit cost contract is the appropriate mechanism, and if a re-bid is necessary.

3. Summary Assessment:

MDA-P Closure: Pre-mobilization tasks are on hold until approved plans for the remaining activities are developed. Baseline sampling and analysis

Reporting Period: 12/1996

ADS/TTP #: ALLA-2006- -

WBS #: 1.4.2.6.1.6

Narrative (Continued):

activities continue.

TA-53 Closure: Work continued on development of the closure plan for the south impoundment, and the development of the sample analysis plan for the north impoundment.

4. Cost Status:

Cost Performance Report:

Current Period: \$173K, or 284%

FY to Date: \$73K, or 22%

For the month of December, cumulative accruals were not entered into the financial system. This caused a significant understatement of actual costs and an artificial cost variance for all LANL ER sub-projects.

Current period and cumulative to date costs for this subproject were understated by \$324K, respectively, for this reporting period.

We do not anticipate recurrence of this problem and believe the current artificial cost variances will be eliminated in the next monthly reporting cycle.

The majority of the resulting negative variance is due to unexpected / unplanned costs in the first quarter. They are: unanticipated HE analysis at MDA-P east lobe area (8.3K), FY96 analytical charges (28K), unplanned North Lagoon Closure Plan (~13K), unanticipated cost for MDA-P's Decontamination Pad grate and installation, (62K). The cumulative variance is a reflection of the above negative costs, and the previous months slip in schedules.

5. Schedule Status:

Cost Performance Report:

Current Period: \$(90)K, or -59%

FY to Date: \$(350)K, or -51%

The current and cumulative out-of-threshold schedule variances are the result of a much slower progression of the MDA-P schedule due to the detonable chunks of HE encountered in the east lobe area. When an approach to trenching the east-lobe area is determined and approved plans for the remaining pre-mobilization activities are approved, LANL will proceed with caution.

6. Technical Status:

MDA-P Closure: Baseline rock and soil sample analysis is complete and a report is being drafted. A report on additional background sampling to define the surface and groundwater baselin concentration at MDA-P and Canon Del Valle is being drafted. The Closure Contract Evaluation Team has requested additional information from selected bidders.

TA-53: Weekly inspections of the geotextile liner in the north impoundments continued. There is no evidence of deterioration or disturbance. Work continues on performing a usability assessment of data from the 1995 sampling in the northern impoundments. The data will be used for a risk assessment when agreement is reached with NMED regarding an appropriate future land use scenario for the site.

7. Major Accomplishments:

November 1996
Decontamination Pad construction completed.

DATE PRINTED: 01/22/1997

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Reporting Period: 12/1996

ADS/TTP #: ALLA-2006- -

WBS #: 1.4.2.6.1.6

PROJECT MANAGER'S RATINGS

No ratings available.

Reporting Period: 12/1996

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
	<u>6,204</u>	<u>2,458</u>	<u>0</u>	<u>1,016</u>	<u>-336</u>	<u>1,442</u>					
-----PRIOR YEARS COSTS-----			-----OUT YEAR COSTS-----								
ACWP	BCWP	BCWS		FY98	FY99	FY00	FY01	FY02			
32,900	34,459	35,019		5,690	5,585	4,626	4,516	0			

TOTAL PROJECT PLAN

BAC	129,713	Budgeted Mgmt Reserve	0
EAC	129,713	Remaining Mgmt Reserve	0
TEC	0	Planning Contingency	0
TPC	129,713	Remaining Contingency	0
		Planned R & U	0
		Remaining R & U	0

MILESTONE REPORT

LEV	TITLE	STATUS	PLANNED	FORECAST	ACTUAL	MILE CATEGORY	FLOAT
1	TA-16: BEGIN PROCESS FACILITIES D&D	Completed	10/01/1996	/ /	10/01/1996		0

COMMENT:
Completed.

1	TA-21: BEGIN DEMOLITION BUILDING NPB 3 & 4	Completed	10/01/1996	/ /	10/01/1996		0
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COMMENT:

Reporting Period: 12/1996

ADS/TTP #: ALLA-3001- -

WBS #: 1.4.2.6.2.1

MILESTONE REPORT Continued

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

Completed.

1	TA-35: START FY'97 PROJECT SUPPORT	Completed	10/01/1996	/ /	10/01/1996		0
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COMMENT:

Completed.

1	TA-35: COMPLETE PHASE 2 / BLDG 7 ACTIVITIES	Overdue	10/22/1996	01/23/1997	/ /		0
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COMMENT:

Milestone completion is delayed due to contractor's removal of mixed wastes found in the holding tanks. Additional work resulting from the removal of LAPRE I & II components has also contributed to completion delays.

1	TA-35: COMP'TE PHASE 3 REMOVAL ACTIVITIES	Overdue	11/20/1996	01/30/1997	/ /		0
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COMMENT:

Milestone completion is delayed due to contractor's removal of mixed wastes found in the holding tanks. Additional work resulting from the removal of LAPRE I & II components has also contributed to completion delays.

1	TA-16: TASK ORDER AWARDED	On Schedule	01/07/1997	/ /	/ /		0
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COMMENT:

On schedule.

1	TA-35: PROJECT DECOMMISSIONING COMPLETED	Forecast Delay	02/04/1997	04/09/1997	/ /		0
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Reporting Period: 12/1996

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 removal of mixed wastes found in the holding tanks. Additional work resulting from the removal of LAPRE I & II components has also contributed to completion delays.

1	TA-16: TASK ORDER AWARDED	On Schedule	02/12/1997	/ /	/ /		0
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COMMENT:

On schedule.

1	TA-16: TASK ORDER AWARDED	On Schedule	02/12/1997	/ /	/ /		0
---	---------------------------	-------------	------------	-----	-----	--	---

COMMENT:

On schedule.

1	TA-16: BEGIN MFG. FACILITIES/STORAGE MAGS D&D	On Schedule	02/13/1997	/ /	/ /		0
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COMMENT:

On schedule.

1	TA-16: BEGIN GUARD STATION RESTORATION	On Schedule	02/13/1997	/ /	/ /		0
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COMMENT:

On schedule.

1	TA-21: BEGIN DEMOLITION OF BUILDING 5	On Schedule	03/25/1997	/ /	/ /		0
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COMMENT:

Reporting Period: 12/1996

ADS/TTP #: ALLA-3001- -

WBS #: 1.4.2.6.2.1

MILESTONE REPORT Continued

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

On schedule.

1	TA-16: COMPLETE MFG. FACILITIES/STORAGE MAGS D&D	On Schedule	03/31/1997	/ /	/ /		0
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COMMENT:

On schedule.

1	TA-16: COMPLETE GUARD STATION RESTORATION	On Schedule	04/01/1997	/ /	/ /		0
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COMMENT:

On schedule.

1	TA-16: COMPLETE PROCESS FACILITIES D&D	On Schedule	05/22/1997	/ /	/ /		0
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COMMENT:

On schedule.

1	TA-21: BUILDINGS NPB 3 & 4 DEMOLITION COMPLETE	On Schedule	07/03/1997	/ /	/ /		0
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COMMENT:

On schedule.

1	TA-33: BEGIN BUILDING DEMOLITION AT TA-33	On Schedule	08/11/1997	/ /	/ /		0
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Reporting Period: 12/1996

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:
On schedule.

1	TA-21: BEGIN DEMOLITION OF BLDGS. RB21 & 212	On Schedule	10/01/1997	/ /	/ /		0
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COMMENT:
On schedule.

1	TA-21: BEGIN SB286 BUILDING DEMOLITION	On Schedule	10/01/1997	/ /	/ /		0
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COMMENT:
On schedule.

1	TA-21: BEGIN BUILDING SB228 DEMOLITION	On Schedule	10/01/1997	/ /	/ /		0
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COMMENT:
On schedule.

NARRATIVE

Narrative

1. Significant Problems/Issues/Concerns

None during this period.

2. Corrective Action

None during this period.

3. Summary Assessment:

TA-16: Bid package preparation is complete for decommissioning the remaining 10 HE buildings. It will be submitted for approval and review before being given to procurement in January.

TA-21: DP West: Removal of the floors and foundation was completed on

Reporting Period: 12/1996

ADS/TTP #: ALLA-3001- -

WBS #: 1.4.2.6.2.1

Narrative (Continued):

buildings 3 and 4 North and no hazardous items were detected. Soil will be remediated and disposed of on low-level waste. Activities were suspended during the Laboratory shutdown from December 25 through January 1.

TA-35: Demolition of the Phase Separator Pit is complete. Shipment of mixed waste from the holding tanks and caustic treater tank to INEL for incineration is scheduled for January 13, 1997. Final surveys are in progress.

4. Cost Status:

Cost Performance Report:

Current Period: \$75K, or 17%

FY-to-Date: \$1,442K, or 59%

For the month of December, cumulative accruals were not entered into the financial system. This caused a significant understatement of actual costs and an artificial cost variance for all LANL ER sub-projects.

Current period and cumulative to date costs for this subproject were understated by \$447K for this reporting period.

We do not anticipate recurrence of this problem and believe the current artificial cost variances will be eliminated in the next monthly reporting cycle.

5. Schedule Status

Cost Performance Report:

Current Period: \$(302)K, or -40%

FY-to-Date: \$(336)K, or -12%

Cumulative schedule variance is over the threshold. Contractors at TA-21 and TA-35 were mobilized less than 50% due to the holidays causing a schedule variance. This is particularly true at TA-35. Some recovery is expected in January.

6. Technical Status

TA-35: Soil samples for final survey were taken in the phase separator pit footprint. Analysis is not complete, but so far no contamination above release levels has been detected.

7. Major Accomplishments

October 1996

Building 7 footprint soil cleanup completed.

DATE PRINTED: 01/22/1997

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Reporting Period: 12/1996

ADS/TTP #: ALLA-3001- -

WBS #: 1.4.2.6.2.1

PROJECT MANAGER'S RATINGS

No ratings available.

Reporting Period: 12/1996

ADS/TTP #: ALLA-2107- -

WBS #: 1.4.2.6.3.7

EXPENDITURE RATE (\$000) Continued

MONTH	-----MONTHLY-----						-----CUMULATIVE-----				
	BCWS	BCWP	Prelim	ACWP	SCHED VAR	COST VAR	BCWS	BCWP	ACWP	SCHED VAR	COST VAR
9	725	---	---	---	---	---					
	<u>10,589</u>	<u>1,546</u>	<u>0</u>	<u>1,993</u>	<u>0</u>	<u>-447</u>					
-----PRIOR YEARS COSTS-----			-----OUT YEAR COSTS-----								
ACWP	BCWP	BCWS		FY98	FY99	FY00	FY01	FY02			
77,526	75,915	76,139		8,605	8,617	9,702	8,300	0			

TOTAL PROJECT PLAN

BAC	168,318	Budgeted Mgmt Reserve	1,298
EAC	168,318	Remaining Mgmt Reserve	1,298
TEC	0	Planning Contingency	0
TPC	168,318	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 IWP Update	Completed	11/19/1996	/ /	12/20/1996	CAT1	0

COMMENT:
Completed.

1	4th Quarter Report Submitted	Completed	12/31/1996	/ /	11/19/1996	CAT3	0
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COMMENT:

Reporting Period: 12/1996

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

On schedule.

1	2nd Quarter Report Submitted	On Schedule	06/30/1997	/ /	/ /	CAT3	0
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COMMENT:

On schedule.

1	3rd Quarter Report Submitted	On Schedule	09/30/1997	/ /	/ /	CAT3	0
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COMMENT:

On schedule.

1	Issue Final IWP Update	On Schedule	11/19/1997	/ /	/ /	CAT3	0
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COMMENT:

On schedule.

1	4th Quarter Report Submitted	On Schedule	12/31/1997	/ /	/ /	CAT3	0
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Reporting Period: 12/1996

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	1st Quarter Report Submitted	On Schedule	03/31/1998	/ /	/ /	CAT3	0
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COMMENT:

On schedule.

1	2nd Quarter Report Submitted	On Schedule	06/30/1998	/ /	/ /	CAT3	0
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COMMENT:

On schedule.

NARRATIVE

Narrative

1. Significant Problems/Issues/Concerns:

Three months of FY97 have passed and uncertainty still exists as to what the ER FY97 and out year funding levels are. We have a baseline to \$60M annual funding and anticipate modifying it to revised funding levels. As uncertainty continues, the transition to a new life cycle funding profile will become more costly and inefficient. It is highly unlikely that we will be able to replan to revised targets with an effective date of 02Jan97. The PP&C Budget for FY97 has been cut to a very low level. The cut will adversely impact PP&Cs ability to maintain timely reporting, baseline maintenance, and timely completion of ad hoc requests.

2. Corrective Actions:

PP&C has posted UC staff positions for CSCAs. UC staff positions are less expensive than contractor staff for EM/ER. It is anticipated that the total PP&C staff numbers will not increase, but rather a change in the ratio between contractor and UC staff will occur (as UC staff are hired, contractor staff will be eliminated). It is anticipated that this transition will save PP&C up to \$150K annually. Unfortunately this savings will support baseline maintenance and reporting, but will not address system documentation or ad hoc requests.

3. Summary Assessment:

The Project received a Notice of Determination from NMED approving 105 NFAs proposed in the 1995 permit modification application. Provided record retrieval support to ER Project & LANL participants - 50 customers were

Reporting Period: 12/1996

ADS/TTP #: ALLA-2107- -

WBS #: 1.4.2.6.3.7

Narrative (Continued):

assisted in December 1996 at the RPF. The project received a notice of determination from NMED approving 105 MFA proposed in the 1996 permit modification application. Major efforts for the month of November and December consisted of continued preparation for the second FY97 Life Cycle Programmatic Replan, development of a revised approach to contingency/management reserve analysis, preparation for the Army Corp of Engineers review of the \$60M baseline, continued efforts on responding to DOE's baseline review findings, update of the Programmatic Assumptions document, and normal baseline maintenance efforts.

4. Cost Status:

Cost Performance Report:

Current Period: \$(124)K or -23%

FY to Date: \$(447)K or -29%

For the month of December, cumulative accruals were not entered into the financial system. This caused a significant understatement of actual costs and an artificial cost variance for all LANL ER sub-projects.

Current period and cumulative to date casts for this subproject were understated by \$277K for this reporting period.

We do not anticipate recurrence of this problem and believe the current artificial cost variances will be eliminated in the next monthly reporting cycle.

More of the cost variances are the result of one-time FY start up costs such as computer equipment replacements totaling approximately \$46K. Also, there is approximately \$215K of EcoRisk costs temporarily being captured here until submission of a BCP is completed, at which point EcoRisk costs will be transferred into ADS 2105. Approximately \$51K of costs captured under the Decision Support Council effort will be moved to ADS 2105. LANL does not anticipate carrying this variance through the fiscal year.

5. Schedule Status:

Cost Performance Report:

Current Period: \$0K, or 0%

FY to Date: \$0K, or 0%

6. Technical Status:

Tested uploading of ER data to the Documentation Data Management System for data entry and performing retrievals. The Installation Work Plan was delivered to NMED on December 19, 1996. PP&C continued preparation for the second FY97 Life Cycle Programmatic Replan. However, due to the uncertainty associated with current and outyear funding levels, it is uncertain that the revised 97 baseline will be effective 02Jan97. PP&C continued development of a revised approach to contingency/management reserve analysis; this process has yielded excellent results. PP&C briefed the Field Project Leaders on the new approach in December. PP&C prepared and gave a briefing to the Army Corp of Engineers for their review of the \$60M baseline. The COE arrived on November 20 and departed on November 22. The core review resulted in a very positive report of findings indicating a well structured control system which is both functional and usable for field management of the project and for senior management decision-making. In addition to the COE review in November, PPC worked diligently to complete the responses to the October DOE review of the \$60M baseline. It was hoped that these responses could be provided to the DOE by November 22, 1996, but work on the responses continued through December. The effort to complete and consolidate these findings into a consistent response has taken much longer (and consequently cost more money) than anticipated. PPC maintained monthly performance reporting in November and December, and prepared an addendum to the 4th Quarter QIPR to transition from FY96 to FY97 performance reporting in accordance with the process of actualization. The Addendum to the 4th Quarter QIPR was submitted to DOE in November. PP&C will continue to work very closely with the UC ER Budget Analysts to improve our ability to determine accurate monthly costs and to better manage procurement commitments and actual costs incurred. PP&C/FU1 generated a prototype report containing contract commitment and cost data as represented in the baseline. It is anticipated that this report will

Reporting Period: 12/1996

ADS/TTP #: ALLA-2107- -

WBS #: 1.4.2.6.3.7

Narrative (Continued):

become a standard for the project's monthly financial and performance review meetings. Completed development of the new Contingency and Management Reserve process and automated the data entry process.

7. Major Accomplishments:

October 1996

Submitted the FY97 Life Cycle Programmatic Replan.

November 1996

Submitted Quarterly Technical Report.

Submitted 4th Quarter QIPR.

December 1996

Submitted Installation Work Plan (IWP).

DATE PRINTED: 01/22/1997

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Reporting Period: 12/1996

ADS/TTP #: ALLA-2107- -

WBS #: 1.4.2.6.3.7

PROJECT MANAGER'S RATINGS

No ratings available.

Reporting Period: 12/1996

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

ANNUAL TOTALS (\$000)

B&R Code	PY	PY	CY	CY	CY	CY	CY	CY	CY	PC	PC
	End FY 96 Unobl. Bal.	FY 96 Tot. Uncost.Obl.	FY 97 New Obl. Auth.	Total Avail.	FIS Obl. YTD 12/96	Prelim. Obl YTD	FIS Cost YTD 12/96	Prelim. Cost YTD	Proj'd Cur. Yr-End EstCo	End FY 97 Unobl. Bal.	FY 97 Tot. Uncost.Obl.
OE EW2010301	0	14	0	14	0	0	60	0	0	0	0
OE EW2010302	0	43	0	43	0	0	142	0	0	0	0
Totals:	0	57	0	57	0	0	202	0	0	0	0

(Preliminary actuals as of July/96; Actuals as of December/96.)

EXPENDITURE RATE (\$000)

MONTH	-----MONTHLY-----						-----CUMULATIVE-----				
	BCWS	BCWP	Prelim	ACWP	SCHED VAR	COST VAR	BCWS	BCWP	ACWP	SCHED VAR	COST VAR
10	100	100	0	48	0	52	100	100	48	0	52
11	82	82	0	135	0	-53	182	182	183	0	-1
12	97	97	0	19	0	78	279	279	202	0	77
1	110	---	---	---	---	---	---	---	---	---	---
2	106	---	---	---	---	---	---	---	---	---	---
3	117	---	---	---	---	---	---	---	---	---	---
4	133	---	---	---	---	---	---	---	---	---	---
5	128	---	---	---	---	---	---	---	---	---	---
6	128	---	---	---	---	---	---	---	---	---	---
7	134	---	---	---	---	---	---	---	---	---	---
8	128	---	---	---	---	---	---	---	---	---	---
9	128	---	---	---	---	---	---	---	---	---	---
	<u>1,391</u>	<u>279</u>	<u>0</u>	<u>202</u>	<u>0</u>	<u>77</u>					

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

ACWP	BCWP	BCWS
52,866	52,019	52,023

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

FY98	FY99	FY00	FY01	FY02
1,888	1,942	1,925	1,735	0

TOTAL PROJECT PLAN

BAC	67,727	Budgeted Mgmt Reserve	0
EAC	67,727	Remaining Mgmt Reserve	0
TEC	0	Planning Contingency	0
TPC	67,727	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	AW	Overdue	04/16/1996	03/31/1996	/ /		0

COMMENT:
While waiting on completion of data validation, resources were channeled to other tasks. The development of the Final Draft Report is in progress. No fines or NODs are anticipated.

NARRATIVE

Narrative

1. Significant Problems/Issues/Concerns:

We have had several flow sensors fail in the Protective Barrier Landfill Demonstration which will need to be replaced. These sensors can not be repaired and need to be replaced within the next month. The sensors which have been in operation since November 1991 are failing at a rate of about 2 per month.

2. Corrective Actions:

3. Summary Assessment:

Data collection and analysis of the Protective Barrier Plots demonstration are continuing. Finalized preparation and presented two papers on the Native American Exposure Scenario development at the Society for Risk Analysis meeting.

4. Cost Status:

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Narrative (Continued):

Cost Performance Report:

Current Period: \$78K, or 80%

FY to Date: \$77K or 27%

For the month of December, cumulative accruals were not entered into the financial system. This caused a significant understatement of actual costs and an artificial cost variance for all LANL ER sub-projects.

Current period and cumulative to date costs for this subproject were understated by \$17K for this reporting period.

We do not anticipate recurrence of this problem and believe the current artificial cost variances will be eliminated in the next monthly reporting cycle.

5. Schedule Status:

Cost Performance Report:

Current Period: \$0K, or 0%

FY to Date: \$0K, or 0%

6. Technical Status:

Several computer boards, a power supply, and a computer cable failed and were replaced in the Time Domain Reflectometry soil moisture measurement system and improvements were made in the data collection software. Report on modeling capillary barrier performance is being prepared. Review comments on the draft of the manuscript for DOE sponsored containment symposium to be held in February were received and manuscript revisions started. Participated in discussion to resolve water SAL issues and related problems. Conducted initial meeting, planned an approach for initial parameter estimates based on information currently available in FIMAD, and began initial data collection for the QA oversight effort. Contributed to "brainstorming for the initiative, Quality: the 4th dimension. Completed drafts of one section and two appendices for the policy paper, Application of LANL Background Data to ER Project Decision Making, Part 2 -

Radionuclides. In addition, "local background subsets were selected from Environmental Surveillance Program data and statistics based on these subsets were developed. Compiled existing groundwater background data for wells located in Los Alamos Canyon for the LANL background groundwater project. Completed updating SALs based on the August 1, 1996 changes to EPA Region 9 PRGs and submitted updates to other team members for peer review. Participated in discussion to resolve water SAL issues and related problems. Contributed to the draft policy, Evaluation and Cleanup of PCBs in Soil and to the revision of the policy, Derivation and Use of Radionuclide Soil Cleanup Guidelines. Continued work on drafts, Data Adequacy and Screening Methodology, to be compiled in a compendium entitled Technical Approach To Data Assessment for the LANL ER Project. Two draft policies, PAH Strategy and Screening Methodology will be completed by mid-January. Facilitated PAH strategy discussion at the December RFI Forum. Continued working with FIMAD to define a matrix code structure. Began implementation of matrix codes throughout the ER data system structure and submitted the new product for a January peer review. Provided a written recommendation to the Field Support Facility (FSF) on how FIMAD should treat matrix spikes and matrix spike duplicates for inorganics and radiochemistry analyses. To be cost-effective for QC sample analyses, it was recommended that QC samples be selected by Field Units on an as-needed basis only. A rationale for use/non-use and the required changes for analytical laboratory contracts were also provided to the FSF. Also, working with the FSF on developing a strategy for incorporating tentatively identified compounds into FIMAD tables and to standardize nomenclature for sample matrices. Provided input to the PAH methodology paper and to a draft on data adequacy.

7. Major Accomplishments:

November 1996

The corrected edition of Natural Background Geochemistry, Geomorphology, and Pedogenesis of Selected Soil Profiles and Bandelier Tuff, Los Alamos, New Mexico was published.

DATE PRINTED: 01/22/1997

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PROJECT MANAGER'S RATINGS

No ratings available.