

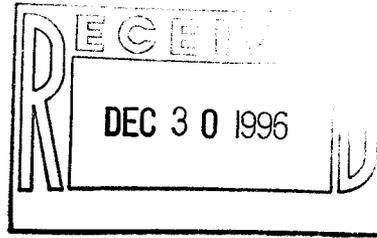
**Los Alamos National Laboratory**  
UNIVERSITY OF CALIFORNIA

*Rec'd  
Has Done this  
let in w/  
Budgets  
& priorities*



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

Date: December 18, 1996  
Refer to: EM/ER:96-631



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 NOVEMBER 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 November 1996. We have accommodated your office's comment on the October 1996 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:bp

FILE LABEL BSWA G/Misc/R

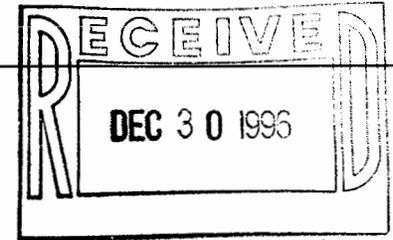
*R*



Reporting Period: 11/1996

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 11/96	Prelim. Obl YTD	FIS Cost YTD 11/96	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	821	0	0	0	0	
OE EW2010302	0	256	0	256	0	0	512	0	0	0	0	
OE EW2010304	0	0	0	0	0	0	6	0	0	0	0	
Totals:	0	432	0	432	0	0	1,339	0	0	0	0	

(Preliminary actuals as of July/96; Actuals as of November/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	---	---	---	---	---	---	---	---	---	---	
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>1,132</u>	<u>0</u>	<u>1,339</u>	<u>-278</u>	<u>-207</u>						

Reporting Period: 11/1996

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WBS #: 1.4.2.6.1.1

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

ACWP	BCWP	BCWS
73,062	70,765	72,061

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

FY98	FY99	FY00	FY01	FY02
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	01/16/1997	/ /	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	12/17/1996	/ /	CAT1	0
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COMMENT:

This Sampling Analysis Plan is delayed because other higher priority deliverable forced a halt on this effort. Plan to resume work on SAP starting 12/10/96.

1	TA-10: SUBMIT AA DRAFT OF SAP PH1 10-008.	Overdue	11/26/1996	12/20/1996	/ /	CAT1	0
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COMMENT:

Reporting Period: 11/1996

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	12/20/1996	/ /	CAT1	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 following field work effort with a VCA. 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 (11 PRS'S)	On Schedule	12/23/1996	/ /	/ /	CAT3	0
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## COMMENT:

On schedule.

1	TA-3: SUBMIT AA DRAFT OF SAP 3-029	On Schedule	01/15/1997	/ /	/ /	CAT3	0
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## COMMENT:

On schedule.

1	TA-3: SUBMIT AA DRAFT OF SAPC-3-020	On Schedule	02/05/1997	/ /	/ /	CAT3	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: 11/1996

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 (DP CANYON)	On Schedule	05/08/1997	/ /	/ /		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 (SANDIA CANYON)	On Schedule	07/24/1997	/ /	/ /		0
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## COMMENT:

Reporting Period: 11/1996

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 (MDA A)	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	/ /	/ /	CAT3	0
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Reporting Period: 11/1996

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 (MDA T)	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 (73-1)	On Schedule	03/05/1998	/ /	/ /	CAT3	0
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## COMMENT:

On schedule.

1	TA73: DRF LA AIRPORT RFI RPT TO AA	On Schedule	03/06/1998	/ /	/ /	CAT3	0
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## COMMENT:

Reporting Period: 11/1996

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	/ /	/ /		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	/ /	/ /		0
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COMMENT:

On schedule.

NARRATIVE

Narrative

1.0 SIGNIFICANT PROBLEMS, ISSUES, CONCERNS:

At PRS 0-016, the inactive firing range, approximately 1200 cu yds of processed berm material containing bullets and gravel remain on site for either further processing or disposal. The next course of action will be

determined by ruling on waste classification. We are still waiting for NMED approval for discharge of pond water at this site.g

2.0 CORRECTIVE ACTION:

In anticipation that we will continue to process the remaining berm

Reporting Period: 11/1996

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WBS #: 1.4.2.6.1.1

## Narrative (Continued):

material at PRS 0-016, we began redesigning the final processing method. We again requested that NMED Water Quality Division process our notice of intent to discharge (NOI) application.

## 3.0 SUMMARY ASSESSMENT:

Preparations for numerous readiness reviews continue this month. Soil samples continued to be collected at both RFI and VCA sites. Various reports in progress this month include RFI reports, field summary reports, interim action reports, and internal reports. Waste was removed from two PRS sites this month and routed both offsite for disposal and to LANL's TA-54 Area G.

## 4. COST STATUS

## Cost Performance Report:

Current period: \$(154)K or -24%

FY-to-Date: \$(207)K or -18%

The FY-to-Date variance and the current period variance have the same root cause; the current period variance has two main components.

[4a] The status for work being done at the LA airport was understated. This will be corrected by the next PTS report and the new scope for a Phase 1B Sampling analysis plan will be added into the baseline change proposal.

[4b] At this same site, there was a bookkeeping error, and it appears that the costs are over stated. This problem is being researched and should be corrected by the next PTS report.

## 5. SCHEDULE STATUS

## Cost Performance Report:

Current Period: \$(289)K or -31%

FY-to-Date: \$(278)K or -20%

The current period schedule variance and FY to Date variance have the same explanation. The current period variance has two main components:

[5a] PRS 0-016 Inactive Firing Range Reference PTS section "1.0 Significant Problems" This site carries a schedule variance of \$(184)K.

[5b] LA Airport group 73-1 Field Work. During planning for the SWMU Group 73-1 and 73-2 field work at the east end of the airport runway [PRSs 73-001(b,c,d)], it was decided that more information should be obtained before committing to mobilizing a backhoe or drill rig. An interview was arranged with an employee from the US Army Corps of Engineers who worked on the 1980's airport development plan to extend the runway. This has delayed starting some field work activities and the site carries a schedule variance of \$(86.7)k.

## 6.0 TECHNICAL STATUS

## 6.1 RFI WORK PLANS AND SAMPLING PLANS

## TA-10

Development of the data quality objectives for sampling plans for two Bayo Canyon investigations, PRS 10-008 (the tree-rimmed firing site) and PRS 10-009 (the Bayo Canyon landfill) began this month.

## TA-21

Work continued on the MDA B (PRS 21-015) subsurface replan.

## TA-73

Because organochlorine compounds were found in the incinerator ash debris (PRS 73-002), an addendum to the approved work plan (Phase 1B SAP) was prepared this month to address dioxin and furan concerns at this site.

## 6.2 FIELD WORK - RFI INVESTIGATIONS

## TA-0

Readiness review preparations continued for field work at the Western Steam Plant, PRSs 0-003 and 0-012.

The field summary report for PRS 0-027, the DP Road Storage Area, was in preparation this month. Field screening data and geodetic survey data were incorporated into tables.

A soil/sludge sample was collected from PRS 0-018(b), the Bayo Canyon waste water treatment plant, from inside a portion of the old sludge

Reporting Period: 11/1996

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WBS #: 1.4.2.6.1.1

## Narrative (Continued):

distribution pipeline that was being stored on site. A field search for the second of the two outfall pipes at PRS 0-019, the Central waste water treatment plant, began this month. The outfall was located on county property. Prior to sample collection, an addendum to the current access agreement needed to be submitted to the County and an updated access agreement obtained; the paperwork was submitted to the county this month.

Final cleanup of the 6th St. Warehouse site [PRSs 0-030(b) and 0-033(b)] was completed this month. The drum and waste storage area was dismantled and the barbwire fence was reconstructed.

## TA-19

Readiness review preparations continued for field work at the East Gate Laboratory, PRSs 19-001, 19-003, and C-19-001.

## TA-21

A one liter sample of PCB contaminated soil was collected at PRS 21-003 this month to be used in a bench scale study at Commodore Applied Technologies, Inc. (CAT) in Columbus Ohio. CAT has a chemical treatment technology for destroying toxic organic contaminants in soil. This technology could lead to considerable cost savings if the technology works and we are allowed to implement it. Currently we anticipate that the waste will be shipped offsite for disposal or incineration.

The geodetic and geophysical surveys for TA-21 MDA T [PRSs 21-016(a-c), 21-028(a), 21-011(c)] have been completed. Mobilization for drilling will begin in December.

## TA-73

During planning for the SWMU Group 73-1 and 73-2 field work at the east end of the airport runway [PRSs 73-001(b,c,d)], it was decided that more information should be obtained before committing to mobilizing a backhoe or drill rig. An interview was arranged with an employee from the US Army Corps of Engineers who worked on the 1980's airport development plan to extend the runway. The intent of this interview will be to discuss what kind of fill is under the runway. A geophysical investigation will also be conducted at this site.

## 6.3 REPORTS

## 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. The major issue under consideration was the final action for remaining portions of the Western Sanitary Waste Line, which are beneath structures built after the line was abandoned or transferred to Los Alamos County.

## TA-10

DOE comments on the TA-10 [PRS 10-001(a-d)] Bayo Canyon Shrapnel Report have been incorporated. The report is undergoing 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, began this month. Data from FIMAD were extracted and the field summary report began development.

Preparation of the interim action report for outfall PRS 21-011(k) was completed except for data to be obtained from the confirmatory samples sent off-site for analyses (due back by 12/10/96).

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

## 6.3 NOD RESPONSES

## TA-0

Preparation of the NOD response for PRS 0-030(g) continued this month.

## TA-3

LANL is waiting for clarification from NMED concerning a disapproval notice for the RCRA Facility Investigation Work Plan for Operable Unit 1114, Addendum 1.

## 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.

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Narrative (Continued):

6.4 VCA/EC AND INTERIM ACTION ACTIVITIES

TA-0

The inactive firing range site, PRS 0-016, was maintained and prepared for continued work through the winter months. The processed material pile and anticipated working areas were covered with plastic sheeting to keep them dry.

Field work for the RFI/VCA at septic tank PRS 0-030(d) on Pine Street was initiated. The tank was located and sampled to the extent the local utility density would allow. Plans were developed for removal of 170 linear feet of steel outfall pipe. Removal will occur in December 1996.

Preparation began for the VCA of abandoned manhole C-0-043 in the Immaculate Heart of Mary Catholic Church parking lot. Excavation is expected to begin in December 1996.

Activities at septic tank PRS 0-030(d) are expected to be completed in December 1996, ahead of schedule and under budget. Field work at abandoned manhole C-0-043 will begin ahead of schedule.

TA-1

The Stormwater Pollution Prevention Plan for the IA at Hillside 138 was being revised this month to incorporate results from remediation activities and observations of stormwater migration during significant storms. The removed soil was transported to TA-54 for disposal at Area G.

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 at TA-3, PRS 3-056(c).

TA-10

Sampling continued in Bayo Canyon, to define the extent of strontium-90 contamination in chamisa plants and surrounding flora. The interim action plan will be re-written as soon as the data are obtained.

TA-21

The site restoration (mulching the whole excavated area) for the interim action at the SWMU 21-011(k) outfall was completed. The initial storm water controls proved to be inadequate for some torrential rains during the month. These controls were improved by adding two additional barriers of straw and extending a sand barrier to include a side drainage.

The necessary readiness review documentation was being gathered this month for RFI field work at the PRS 21-024(i) outfall. The readiness review will be held in December.

TA-73

The investigation derived waste from the FY96 corrective actions at the airport was disposed of at the County landfill or transported to Area L for offsite shipment. The storage area will be empty until fieldwork continues at PRS 73-002. The incinerator building is now under the control of Los Alamos County, the new operator of the airport for DOE.

7.0 MAJOR ACCOMPLISHMENTS:

November 1996

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

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.

DATE PRINTED: 12/18/1996

PTS - PROGRAM MANAGER'S REPORT

Page: 11

Reporting Period: 11/1996

ADS/TTP #: ALLA-2001- -

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Narrative (Continued):

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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: 12/18/1996

PTS - PROGRAM MANAGER'S REPORT

Page: 12

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PROJECT MANAGER'S RATINGS

No ratings available.

Reporting Period: 11/1996

ADS/TTP #: ALLA-2002- -

WBS #: 1.4.2.6.1.2

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

Installation: LOS ALAMOS NATIONAL LABORATORY

Category: ER

Project Title: AL LAB ER (MSA)

Program Manager's-- FO: DEBORAH GRISWOLD

(505)845-4752

Start Date: 01/01/1995

HQ: BILL SPURGEON

(301)903-8187

Completion Date: 07/04/2004

B&R Code	ANNUAL TOTALS (\$000)											
	PY	PY	CY	CY	CY	CY	CY	CY	CY	PC	PC	
	End FY 96 Unobl. Bal.	FY 96 Tot. Uncost.Obl.	FY 97 New Obl. Auth.	Total Avail.	FIS Obl. YTD 11/96	Prelim. Obl YTD	FIS Cost YTD 11/96	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	-148	0	0	0	0	
OE EW2010302	0	159	0	159	0	0	446	0	0	0	0	
OE EW2010304	0	0	0	0	0	0	72	0	0	0	0	
Totals:	0	178	0	178	0	0	370	0	0	0	0	

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

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	---	---	---	---	---	---	---	---	---	---	
1	523	---	---	---	---	---	---	---	---	---	---	
2	502	---	---	---	---	---	---	---	---	---	---	
3	511	---	---	---	---	---	---	---	---	---	---	
4	616	---	---	---	---	---	---	---	---	---	---	
5	658	---	---	---	---	---	---	---	---	---	---	
6	483	---	---	---	---	---	---	---	---	---	---	
7	383	---	---	---	---	---	---	---	---	---	---	
8	365	---	---	---	---	---	---	---	---	---	---	
9	621	---	---	---	---	---	---	---	---	---	---	
	<u>5,579</u>	<u>235</u>	<u>0</u>	<u>370</u>	<u>-231</u>	<u>-135</u>						

Reporting Period: 11/1996

ADS/TTP #: ALLA-2002- -

WBS #: 1.4.2.6.1.2

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

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

ACWP	BCWP	BCWS	FY98	FY99	FY00	FY01	FY02
35,893	32,065	32,635	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	12/11/1996	/ /	CAT1	0

COMMENT:

This milestone continues to be on hold status pending resoultion 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	01/08/1997	/ /	CAT1	0
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COMMENT:

Awaiting comments from "AA" to complete final report.

1	(AA) APPROVES VCA REPORT 15-004(B)	Forecast Delay	12/05/1996	02/05/1997	/ /		0
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COMMENT:

Reporting Period: 11/1996

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	On Schedule	01/15/1997	/ /	/ /	CAT3	0
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COMMENT:  
On schedule.

1	TA-36 FLDWK ISSUE FINAL REPORT	On Schedule	01/15/1997	/ /	/ /		0
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COMMENT:  
On schedule.

1	TA-36: FINAL EC REPORT COMPLETED PRS 36-003(A)	On Schedule	01/15/1997	/ /	/ /	CAT3	0
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Reporting Period: 11/1996

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	TA-15 FIELDWORK IFINAL REPORT COMPLETED	On Schedule	01/22/1997	/ /	/ /	CAT3	0
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## COMMENT:

On schedule.

1	TA-15 OU# 1086 (AA) DRAFT COMPLETE	On Schedule	01/24/1997	/ /	/ /		0
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## COMMENT:

On schedule.

1	TA-39 FINAL COMPOSITE REPORT COMP PRS 39-001A-B	On Schedule	01/29/1997	/ /	/ /	CAT3	0
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## COMMENT:

On schedule.

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

\*\* This milestone is not an Enforceable Agreement, and will not appear in next month's report. Once the performance metrics are established, we will re-evaluate this milestone's PTS reporting status.

1	(AA) REPORT COMPLETE PRS 36-005	On Schedule	06/30/1997	/ /	/ /	CAT3	0
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## COMMENT:

Reporting Period: 11/1996

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	(AA) FINAL REPORT COMPLETE PRS 36-005	On Schedule	09/16/1997	/ /	/ /	CAT3	0
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COMMENT:

On schedule.

1	(AA) FINAL REPORT COMPLETE PRS 18-003(D)	On Schedule	09/30/1997	/ /	/ /	CAT3	0
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COMMENT:

On schedule.

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

On schedule.

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

On schedule.

1	PRS 15-007A (AA) REPORT COMPLETE PRS	On Schedule	03/23/1998	/ /	/ /		0
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Reporting Period: 11/1996

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	(AA) REPORT COMPLETE PRS	On Schedule	03/24/1998	/ /	/ /		0
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COMMENT:

On schedule.

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

On schedule.

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

On schedule.

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

Reporting Period: 11/1996

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

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.

NARRATIVE

Narrative

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1. Significant Problems/Issues/Concerns:

Unit 1085:

We continued to experience problems in getting BMP Plans approved by the DOE. There appeared to be a disagreement on the proper wording of ECO risk issues that was provided and that which was acceptable to the DOE and the ER Program Office.

Unit 1086:

We continued to experience problems in getting BMP Plans approved by the DOE. There appeared to be a disagreement on the proper wording of ECO risk issues that was provided and that which was acceptable to the DOE and the

ER Program Office.

Unit 1093:

None.

Unit 1100:

None.

Unit 1130:

None.

Unit 1132:

Reporting Period: 11/1996

ADS/TTP #: ALLA-2002- -

WBS #: 1.4.2.6.1.2

Narrative (Continued):

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 1085:

These issues have now been resolved and field work will begin again.

Unit 1086:

These issues have now been resolved and field work will begin again.

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:

Unit 1085:

ESH-18 and NMED requested a site visit of PRS 14-003 and PRS 14-009 to review and discuss our efforts in controlling surface water runoff from the sites. An onsite meeting/tour was conducted on November 20, 1996. Both organizations were favorably impressed with our efforts in the placement of hay bales and sandbags. They also made recommendations to control surface runoff at PRS 14-010 and PRS 14-002(a).

Unit 1086:

DX Division requested our assistance in possibly collecting soil samples from a drainage area located down gradient of a road being constructed at TA-15. The fill material for the road has the potential of containing contaminated soil. We developed a required Site Specific Health and Safety Plan (SSHASP) for our anticipated involvement. We also notified the SMO of the possibility of quick turn-around time for samples and obtained price information. We met with DX personnel to discuss our recommendations. Subsequent to this meeting we provided DX Division with data of the site based on our previous sampling activities and reports that were submitted

to the DOE and EPA concerning nearby PRSs at TA-15. DX Division has yet to make a final decision regarding our continued involvement.

Unit 1100:

All activities associated with PRS 53-002(a,b) have been transferred to Closures and will be handled by the ER Program Office. A Scope of Work for the USTs (PRSs 53-006(a-f) integrity testing was sent to an Indian-owned business. They declined to bid on the work, and thus this work will be submitted for re-bid.

4. Cost Status:

Cost Performance Report:

Current Period: \$(40)K or -71%

FY to Date: \$(135)K or -57%

The current period negative cost variance was primarily caused by the cessation of work in the field, due to bad weather, Eco risk issues and performing out-of-scope work. Some of the current period actual costs, approximately \$15K is attributed to analytical charges incurred during the month of September and booked in November. The additional current period cost for the out-of-scope work dealing with PRS 18-008 Buried tank UST removal. The State was not satisfied with subsurface samples and we are currently drilling and taking more samples, this has generated approximately \$35K in costs for out-of-scope work for this PRS.

5. Schedule Status

Cost Performance Report:

Current Period: \$(166)K, or -75%

FY to Date: \$(231)K, or -50%

The current period negative schedule variance was primarily caused by the cessation of work in the field, due to bad weather, Eco risk issues still needing to be resolved between the Program Office and NMED and delay of work as directed by LAAO. ( PRS 15-010A, 15-007C and C-15-010 have all been put on the back burner as per direction from LAAO). Meeting with the State

Reporting Period: 11/1996

ADS/TTP #: ALLA-2002- -

WBS #: 1.4.2.6.1.2

Narrative (Continued):

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to come up with a Corrective Action Plan for PRS 18-003D Septic System. This will require a BCP for the additional scope of work. PRS 15-004F E,F Site was under-estimated, there is more waste and work than was scheduled. We will re-plan and submit both BCPs during the next reporting period.

6. Technical Status:

Unit 1085:

As requested by ESH-18, sandbags were placed along the perimeter edge of the asphalt drive and parking area above PRS 14-009, in accordance with the BMP for the site. Placement of the sandbags will reduce water runoff through the PRS and into the canyon.

Unit 1086:

Cleanup activities of surface debris at PRS 15-004(f), E-F Firing Site continued. Debris consisting of electrical and instrument cable, metal, plastic, rubber, and depleted uranium was picked up by hand and placed in drums. Separate drums were designated to segregate the debris. Most of the debris was found to be radioactively contaminated. Over 50,000 ft<sup>2</sup> of the area has been cleaned up. Snow fall in the area has terminated this cleanup temporarily.

Unit 1093:

Additional samples were collected at the site of the former UST, PRS 18-008. The samples were analyzed for diesel range organics.

Further progress was made on completing the waste profile forms required by Envirocare of Utah for disposal of wastes removed from PRSs 18-003(b,c,d). Work continued on preparing an application for disposal of liquid wastes from PRS 18-003(a,b,c,d,g) at the TSCA incinerator in Oak Ridge. All these wastes are presently stored at TA-54, Area L.

Unit 1130:

Arrangements were made with TA-50 personnel to remove liquid low level radioactive waste, which was generated by the VCA at 36-003(b), early in December.

7. Major Accomplishments:

November 1996:

All Units:

As requested by the ER Program Office, the team reviewed all planned activities as identified on the project baseline, and conducted a budget exercise and developed a contingency analysis effort on the \$60 million scenario for FYs 97, 98, and 99. The contingency analysis was completed and delivered on time as requested.

Unit 1093:

Construction of monitoring wells at PRS 18-003(d) and associated subsurface sampling was completed.

DATE PRINTED: 12/18/1996

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Page: 22

Reporting Period: 11/1996

ADS/TTP #: ALLA-2002- -

WBS #: 1.4.2.6.1.2

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PROJECT MANAGER'S RATINGS

No ratings available.



Reporting Period: 11/1996

ADS/TTP #: ALLA-2003- -

WBS #: 1.4.2.6.1.3

EXPENDITURE RATE (\$000) Continued

-----MONTHLY-----

-----CUMULATIVE-----

MONTH	BCWS	BCWP	Prelim	ACWP	SCHED VAR	COST VAR	BCWS	BCWP	ACWP	SCHED VAR	COST VAR
	<u>5,325</u>	<u>569</u>	<u>0</u>	<u>834</u>	<u>-74</u>	<u>-265</u>					

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

ACWP	BCWP	BCWS
23,469	20,575	22,300

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

FY98	FY99	FY00	FY01	FY02
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	09/30/1996	/ /	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		0
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COMMENT:

Reporting Period: 11/1996

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		0
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COMMENT:

Completed.

1	TA16:AGG.EC.6 EPA APPROVES EC REPORT	Completed	03/28/1997	/ /	09/30/1996		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:AGG.EC.1 AA DRAFT REPORT COMPLETE	On Schedule	06/11/1997	/ /	/ /		0
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COMMENT:

\*\* This milestone is not an EA, and will not appear in next month's report. Once the performance metrics are established, we will re-evaluate this milestone's PTS status.

1	TA16:AGG.EC.1 AA APPROVES EC REPORT	On Schedule	06/24/1997	/ /	/ /		0
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LEV	TITLE		STATUS	PLANNED	FORECAST	ACTUAL	MILE CATEGORY	FLOAT
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COMMENT:

\*\* This milestone is not an EA, and will not appear in next month's report. Once the performance metrics are established, we will re-evaluate its PTS status.

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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COMMENT:

On schedule.

NARRATIVE

Narrative

1. Significant Problems/Issues/Concerns:

The drilling activities at PRS 16-021(c) - TA-16-260 outfall - are going much more slowly than originally planned. We are completing drill holes at roughly half the rate originally anticipated. This is due to a combination of inclement weather, and the unanticipated difficulties associated with drilling 'wet' and remotely (both of which are required due to HE detonation concerns). These drilling activities located an apparent perched water zone at a depth of ~ 16 ft. Field screening analyses indicate that the materials in the zone are HE contaminated. FU 3 has discussed this finding with the Administrative Authority. LANL will provide formal Administrative Authority notification upon receipt of laboratory analytical data. This discovery is of concern because it is likely to increase the scope of remedial activities at PRS 16-021(c) to include groundwater treatment and monitoring.

2. Corrective Actions:

FU 3 will adjust the baseline levels of resources for drilling activities at TA-16-260. FU 3 will try to negotiate with the operating group to eliminate the remote-drilling requirement for deep hydrologic holes planned for the spring. FU 3 will modify the baseline activities for the outyears to reflect the presence of shallow perched water at PRS 16-021(c).

3. Summary Assessment:

TA-16 Hydrogeology (MA36-5129) - The readiness review for spring sampling was completed. The first round of quarterly spring sampling will occur in December, pending NEPA approval.

TA-16-260 Phase II sampling (MA3C-5063) - Two drillholes were completed at

Reporting Period: 11/1996

ADS/TTP #: ALLA-2003- -

WBS #: 1.4.2.6.1.3

## Narrative (Continued):

PRS 16-021(c). One of these was roughly 70 ft in depth, located 85 feet down drainage on the south bank of the outfall area. It was located in a geophysical anomaly. Field screening analyses for HE indicated the presence of HE at a depth of 70 ft, in a large surge bed. Four laboratory samples were submitted from this borehole. The second hole was located in the 'HE pond'. It was drilled to a depth of ~ 17 ft, where an apparent perched water zone was located. Material in this zone was HE-contaminated, based on field screening methods. A laboratory sample was collected at 7-8 ft. Additional laboratory samples (water and soil) will be collected in December.

TA-16 CMS Plan (MA35-5130) - FU 3 personnel met with NMED personnel to discuss a due date for the CMS plan. FU 3 personnel visited Umatilla Army depot (a CERCLA site with significant HE problems) to learn from their experiences in their HE remediation activities.

TA-16 FY 95 Field Campaign RFI Report (MA3D-5190) - Additional editing occurred on this report. Final submission is pending completion of the ecological risk assessment strategy.

TA-16 Interim actions (MA3T-5190) - Straw bales and jute matting were placed in drainages at PRS 16-003(n,o) (the 'fish ladder' at TA-16-340), the TA-16 Burning Ground, and TA-11, K-Site as 'Best Management Practices'. TA-16 Sample Group 1-8 VCAs (MA3V-5190) - Preliminary decision meetings for these VCAs were held.

TA-16 V-Site VCAs (MA3V-5093) - FU 3 personnel met with D&D personnel to develop a joint implementation strategy for these cleanups. Field visits were completed and the general scope of the VCAs was outlined.

TA-33 VCAs (MA3V-5108) - Data for these PRS was QAed and incorporated into tables. Ultimately this information will be incorporated in the VCA plan.

TA-33 SG3/4 RFI Report (MA3D-5105) - Data from the FY 96 field campaign was received, QAed, and initial decisions on the PRS were completed. Report writing for these PRSs is proceeding on schedule.

TA-33 SG3/4 fieldwork (MA3C-5080) - Phase II sampling activities at TA-33-13 was completed. The land survey for this field campaign was completed. Straw bales were placed at PRS 33-008(c), and 33-009 as 'Best Management Practices'.

## 4. Cost Status:

## Cost Performance Report:

Current Period: \$(343)K, or -145%

FY to Date: \$(265)K, or -47%

Current Period- 260 field work is taking much more time and material than scheduled due to weather and remote drilling conditions. This led to additional costs. In addition the ICF Kaiser accrual overstated 260 outfall expenses by \$160K. Actual expenses on delayed field work for FY 96 occurred in first quarter and were scheduled for second quarter.

## 5. Schedule Status:

## Schedule Performance Report:

Current Period: \$35K, or 17%

FY to Date: \$(74)K, or -11%

Current Period: Some 260 FW was started early, although this work is taking longer than scheduled.

FY to Date: TA-46 fieldwork is delayed until spring. TA-33 VCA work is delayed and TA-16 VCA work is delayed. These were delayed because work at TA-16-260 FW was worked at a higher priority.

## 6. Technical Status:

TA-16 hydrologic concerns have been raised significantly by the discovery of perched water at a shallow depth at PRS 16-021(c)

## 7. Major Accomplishments:

October 1996:

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

Reporting Period: 11/1996

ADS/TTP #: ALLA-2003- -

WBS #: 1.4.2.6.1.3

Narrative (Continued):

-----  
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.

DATE PRINTED: 12/18/1996

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Reporting Period: 11/1996

ADS/TTP #: ALLA-2003- -

WBS #: 1.4.2.6.1.3

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PROJECT MANAGER'S RATINGS

No ratings available.

Reporting Period: 11/1996

ADS/TTP #: ALLA-2004- -

WBS #: 1.4.2.6.1.4

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

Installation: LOS ALAMOS NATIONAL LABORATORY

Category: ER

Project Title: AL LAB ER (MSA)

Program Manager's-- FO: DEBORAH GRISWOLD

(505)845-4752

Start Date: 01/01/1995

HQ: BILL SPURGEON

(301)903-8187

Completion Date: 10/03/2009

B&R Code	ANNUAL TOTALS (\$000)											
	PY	PY	CY	CY	CY	CY	CY	CY	CY	PC	PC	
	End FY 96 Unobl. Bal.	FY 96 Tot. Uncost.Obl.	FY 97 New Obl. Auth.	Total Avail.	FIS Obl. YTD 11/96	Prelim. Obl YTD	FIS Cost YTD 11/96	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	578	0	0	0	0	
OE EW2010302	0	149	0	149	0	0	11	0	0	0	0	
Totals:	1	196	0	197	0	0	589	0	0	0	0	

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

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	---	---	---	---	---	---	---	---	---	---	
1	443	---	---	---	---	---	---	---	---	---	---	
2	400	---	---	---	---	---	---	---	---	---	---	
3	530	---	---	---	---	---	---	---	---	---	---	
4	637	---	---	---	---	---	---	---	---	---	---	
5	585	---	---	---	---	---	---	---	---	---	---	
6	534	---	---	---	---	---	---	---	---	---	---	
7	484	---	---	---	---	---	---	---	---	---	---	
8	381	---	---	---	---	---	---	---	---	---	---	
9	432	---	---	---	---	---	---	---	---	---	---	
	<u>5,530</u>	<u>584</u>	<u>0</u>	<u>589</u>	<u>-171</u>	<u>-5</u>						

Reporting Period: 11/1996

ADS/TTP #: ALLA-2004- -

WBS #: 1.4.2.6.1.4

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

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

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

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	/ /	/ /	CAT3	0

COMMENT:  
On schedule.

1	TA-48 FINISH RAD ADDENDUM/NOD REPORT	On Schedule	07/01/1997	/ /	/ /	CAT3	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: 11/1996

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	/ /	/ /	CAT3	0
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COMMENT:

On schedule.

1	"CHARLIE" RAD ADDENDUM FINISH	On Schedule	09/26/1997	/ /	/ /	CAT3	0
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COMMENT:

On schedule.

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

On schedule.

1	"DELTA" RAD ADDENDUM FINISH	On Schedule	11/24/1997	/ /	/ /	CAT3	0
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Reporting Period: 11/1996

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
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## COMMENT:

On schedule.

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

On schedule.

1	PAJA: ISSUE PAJA SMPL PLAN AA/STK HLDR RVW	On Schedule	05/11/1998	/ /	/ /	CAT3	0
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## COMMENT:

On schedule.

## NARRATIVE

## Narrative

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## 1. Significant Problems/Issues/Concerns:

The Field Unit 4 RFI field work has been delayed due to internal LANL and DOE review comments on the Sampling and Analysis Plan for TA-48. Resources that were allocated to the TA-35 SAP were re-allocated to work on the TA-48 SAP response.

A delay in sample analysis for VCA-08 has delayed VCA/NFA decision.

November costs reflect a correction of an October accrual error.

## 2. Corrective Action

Schedule/Technical

Reporting Period: 11/1996

ADS/TTP #: ALLA-2004- -

WBS #: 1.4.2.6.1.4

Narrative (Continued):

Resources had been re-allocated to TA-35; therefore, we anticipate we will be back on schedule, which will be reflected on the new BCP due for submission in January. The TA-48 field work will be re-scheduled in early spring due to the delay in the SAP and weather conditions. VCA-08 is currently being rescoped to reflect possible NFA decision.

October 1996

Issued TA-48 SAP.

3. Summary Assessment

RFI Work Plan activities are progressing satisfactorily. RFI Report activities are ahead of schedule due to preliminary Sample and Data management activities. The canyons assessment work continues to be slightly behind schedule. RFI field work is behind schedule due to weather conditions and delays in the SAP. VCA activities are currently being re-evaluated for approach to completion.

4. Cost Status

Cost Performance Report

Current Period: \$125K, or 44%

FY to date: \$(5)K, or -1%

Current period variance reflects an October accrual correction.

5. Schedule Status

Current Period: \$(56)K, or -17%

FY to Date: \$(171)K, or -23%

RFI activities are behind schedule due to delays in receiving comments from review teams. Bench pilot studies reflect a delay in field work due to weather conditions.

6. Technical Status

N/A

7. Major Accomplishments

DATE PRINTED: 12/18/1996

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Reporting Period: 11/1996

ADS/TTP #: ALLA-2004- -

WBS #: 1.4.2.6.1.4

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PROJECT MANAGER'S RATINGS

No ratings available.

Reporting Period: 11/1996

ADS/TTP #: ALLA-2005- -

WBS #: 1.4.2.6.1.5

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

Installation: LOS ALAMOS NATIONAL LABORATORY

Category: ER

Project Title: AL LAB ER (MSA)

Program Manager's-- FO: DEBORAH GRISWOLD

(505)845-4752

Start Date: 01/01/1995

HQ: BILL SPURGEON

(301)903-8187

Completion Date: 01/28/2005

B&R Code	ANNUAL TOTALS (\$000)										
	PY	PY	CY	CY	CY	CY	CY	CY	CY	PC	PC
	End FY 96 Unobl. Bal.	FY 96 Tot. Uncost.Obl.	FY 97 New Obl. Auth.	Total Avail.	FIS Obl. YTD 11/96	Prelim. Obl YTD	FIS Cost YTD 11/96	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	261	0	0	0	0
OE EW2010302	0	117	0	117	0	0	135	0	0	0	0
OE EW2010304	0	0	0	0	0	0	0	0	0	0	0
Totals:	0	201	0	201	0	0	396	0	0	0	0

(Preliminary actuals as of July/96; Actuals as of November/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	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	---	---	---	---	---	---	---	---	---	---	
1	569	---	---	---	---	---	---	---	---	---	---	
2	510	---	---	---	---	---	---	---	---	---	---	
3	438	---	---	---	---	---	---	---	---	---	---	
4	458	---	---	---	---	---	---	---	---	---	---	
5	444	---	---	---	---	---	---	---	---	---	---	
6	355	---	---	---	---	---	---	---	---	---	---	
7	308	---	---	---	---	---	---	---	---	---	---	
8	262	---	---	---	---	---	---	---	---	---	---	
9	454	---	---	---	---	---	---	---	---	---	---	
	<u>4,707</u>	<u>407</u>	<u>0</u>	<u>396</u>	<u>-124</u>	<u>11</u>						

Reporting Period: 11/1996

ADS/TTP #: ALLA-2005- -

WBS #: 1.4.2.6.1.5

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

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

ACWP	BCWP	BCWS	FY98	FY99	FY00	FY01	FY02
39,671	38,284	39,177	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	CAT3	0

COMMENT:  
Completed.

1	TA54: MDA L(DRILL)AA DRFT RFI REP COMPLT RFI PH1	On Schedule	12/19/1996	/ /	/ /	CAT3	0
---	--	-------------	------------	-----	-----	------	---

COMMENT:  
On schedule.

1	TA54: MDA G SURF SOIL AA DRFT RFI REP COMPLT PH1	On Schedule	12/19/1996	/ /	/ /	CAT3	0
---	--	-------------	------------	-----	-----	------	---

COMMENT:

Reporting Period: 11/1996

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

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 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	On Schedule	03/05/1997	/ /	/ /		0
---	--	-------------	------------	-----	-----	--	---

COMMENT:

On schedule.

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

Reporting Period: 11/1996

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	TA06: -22 SOIL SAM(PART 2)RFI REP CMPLT RFI RFI	On Schedule	04/17/1997	/ /	/ /	CAT3	0
---	---	-------------	------------	-----	-----	------	---

## COMMENT:

On schedule.

1	TA22: EXPLOSIVE SUMPS AA DRAFT COMPLETE VCA	On Schedule	04/22/1997	/ /	/ /		0
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## COMMENT:

On schedule.

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	On Schedule	05/15/1997	/ /	/ /	CAT3	0
---	--	-------------	------------	-----	-----	------	---

## COMMENT:

On schedule.

1	TA50: MDA C AA DRAFT REPRT CMPLT STAGE 1 RFI PH1	On Schedule	05/16/1997	/ /	/ /	CAT3	0
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## COMMENT:

Reporting Period: 11/1996

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	TA22: XPLSV SEEPG PITS AA DRAFT COMPLETE	VCA	On Schedule	05/19/1997	/ /	/ /		0
---	--	-----	-------------	------------	-----	-----	--	---

COMMENT:

On schedule.

1	TA57: BURNS SWALE AA DRAFT COMPLT	RFI PH2	On Schedule	05/23/1997	/ /	/ /	CAT3	0
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COMMENT:

On schedule.

1	TA08: 9,40 SOIL SAM DATA ASSESSMENT	RFI REP	On Schedule	06/30/1997	/ /	/ /	CAT3	0
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COMMENT:

On schedule.

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

COMMENT:

On schedule.

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

Reporting Period: 11/1996

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 2(PAD) AA DRAFT COMPLETE IA	On Schedule	08/26/1997	/ /	/ /		0
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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
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## 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 H&J(CORING) AA DRFT REP COMPLT RFI PH1	On Schedule	12/17/1997	/ /	/ /	CAT3	0
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## COMMENT:

On schedule.

1	TA57: SLUDGE DSPOSAL PIT AA DRAFT COMPLETE VCA	On Schedule	12/22/1997	/ /	/ /		0
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## COMMENT:

Reporting Period: 11/1996

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	TA57: SLUDGE DSPOSL PIT VCA CLNUP REPT CMPLT VCA	On Schedule	12/22/1997	/ /	/ /		0
---	--	-------------	------------	-----	-----	--	---

COMMENT:

On schedule.

1	TA08: MDA Q AA DRAFT COMPLETE VCA	On Schedule	05/27/1998	/ /	/ /	CAT3	0
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COMMENT:

On schedule.

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

COMMENT:

On schedule.

NARRATIVE

Narrative

1. Significant Problems/Issues/Concerns:

No significant problems, issues or concerns this month.

2. Corrective Action:

Not applicable.

3. Summary Assessment:

Reporting Period: 11/1996

ADS/TTP #: ALLA-2005- -

WBS #: 1.4.2.6.1.5

Narrative (Continued):

Completed preparation for interim action at Ten Site Canyon and started removal of contaminated sediments [PRS 50-006(a)]. Contacted potential contractors for quarterly pore gas sampling activities at TA54. Compiled draft of objectives for TA54, MDA L Pilot Risk report (PRS 54-006). Continued fabrication work on instrumentation package for measurement of in-situ matric potentials in MDA L subsurface (PRS 54-002). Continued progress on RFI Reports for TA54 MDA L, TA 49 surface sampling, TA's 6,7,8,9,22 and TA50 MDA C. Continued to revise ADS 2005 baseline for January BCP submittal.

4. Cost Status:

Cost Performance Report:

Current Period: \$(10)K or -4%

FY-to-Date: \$11K, or 3%

5. Schedule Status:

Cost Performance Report:

Current Period: \$(20)K, or -8%

FY-to-Date: \$(124)K, or -23%

Again this month, the root cause of the schedule variance is the stop-work order (due to budget shortfall) issued in late 3rd quarter, FY96 and resultant scatter of knowledgeable personnel and loss of momentum on VCA plans development. We still expected that the overall impact to this ADS is minor, and the variance is recoverable by the end of FY97 because (1) much of the data is in-hand, (2) the corrective actions do not appear particularly complicated, (3) no major activities are tied to the finish of these tasks and (4) the Report team is motivated to complete this important analysis.

6. Technical Status:

Started Ten Site Canyon interim action [PRS 50-006(a)]. Removed 30 gallons of dry, radioactive sediments. Cleanup targets were not achieved with this initial action which necessitated a return visit to the area the next day.

A third visit will be necessary in early December to remove sediments in order to lower the activity to that of the surrounding area. A total of 80 gallons of sediments have been removed thus far.

Planning for the TA49 Bottle House voluntary corrective action is nearly complete [PRS 49-008(d)]. SSHASP and RWP are complete. Reviewed status of VCA Plans for TA22, explosive sumps and seepage pits and for septic tank removals from many TAs.

Made arrangements with ESH-18 for quarterly sampling and analysis of water wells at TA49 [as directed by NMED which is generally Area 2: PRS 49-001(a-f)]. Completed one quarter's sampling. The second quarter's sampling is scheduled for December.

Continued fabrication of thermocouple psychrometer/gypsum block psychrometer strap for installation in TA54 MDA L borehole 54-006; data recording equipment is being checked out and programmed for remote operation.

Data management and validation are in progress for several RFI Reports scheduled for this fiscal year. The contractor performing these tasks is locating and compiling hard copy data packages and verifying the FIMAD electronic files for accuracy.

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

Started interim action at TA50, Ten Site Canyon.

DATE PRINTED: 12/18/1996

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Reporting Period: 11/1996

ADS/TTP #: ALLA-2005- -

WBS #: 1.4.2.6.1.5

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PROJECT MANAGER'S RATINGS

No ratings available.

Reporting Period: 11/1996

ADS/TTP #: ALLA-2006- -

WBS #: 1.4.2.6.1.6

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

Installation: LOS ALAMOS NATIONAL LABORATORY

Category: ER

Project Title: AL LAB ER (MSA)

Program Manager's-- FO: DEBORAH GRISWOLD

(505)845-4752

Start Date: 01/01/1995

HQ: BILL SPURGEON

(301)903-8187

Completion Date: 01/23/1998

B&R Code	ANNUAL TOTALS (\$000)											
	PY	PY	CY	CY	CY	CY	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 11/96	Prelim. Obl YTD	FIS Cost YTD 11/96	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	374	0	0	0	0	
OE EW2010302	0	0	0	0	0	0	0	0	0	0	0	
Totals:	0	71	0	71	0	0	374	0	0	0	0	

(Preliminary actuals as of July/96; Actuals as of November/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	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	---	---	---	---	---	---	---	---	---	---	
1	158	---	---	---	---	---	---	---	---	---	---	
2	128	---	---	---	---	---	---	---	---	---	---	
3	91	---	---	---	---	---	---	---	---	---	---	
4	86	---	---	---	---	---	---	---	---	---	---	
5	392	---	---	---	---	---	---	---	---	---	---	
6	674	---	---	---	---	---	---	---	---	---	---	
7	636	---	---	---	---	---	---	---	---	---	---	
8	597	---	---	---	---	---	---	---	---	---	---	
9	595	---	---	---	---	---	---	---	---	---	---	
	<u>4,042</u>	<u>274</u>	<u>0</u>	<u>374</u>	<u>-260</u>	<u>-100</u>						

Reporting Period: 11/1996

ADS/TTP #: ALLA-2006- -

WBS #: 1.4.2.6.1.6

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

ACWP	BCWP	BCWS
8,381	8,520	10,105

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

FY98	FY99	FY00	FY01	FY02
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		0

COMMENT:  
Completed.

NARRATIVE

Narrative

1. Significant Problems/Issues/Concerns:

MDA-P Closure: Detonable pieces of HE have been found in the area where the runoff control trench below the east lobe of the waste pile was to be constructed. ESA Division is concerned and will have a greater involvement and tighter control of future activities. This will adversely affect both cost and schedule.

2. Corrective Actions:

The MDA-P Closure Team is working with ESA to draft approved plans for the remaining pre-mobilization activities. When the Implementation Contractor is selected, similar input from ESA Division is anticipated.

3. Summary Assessment:

MDA-P Closure: Premobilization tasks, baseline sampling and analysis activities continued.

Reporting Period: 11/1996

ADS/TTP #: ALLA-2006- -

WBS #: 1.4.2.6.1.6

Narrative (Continued):

TA-35 Closure: Work continued on development of a closure plan for the south impoundment. The draft of the plan was approximately 80% complete by the end of the month.

Closure Contract Evaluation Team has requested additional information from selected bidders.

4. Cost Status:

TA-53: Weekly inspections of the geotextile liner in the north impoundments continued. There is no evidence of deterioration or disturbance. Work began 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.

Cost Performance Report:

Current Period: \$(165K), or -275%  
FY to Date: \$(100K), or -36%

7. Major Accomplishments:

The current out-of-threshold negative cost variance is a result of, in part, the slip in schedule. The majority of the current variance is due to unexpected / unplanned costs accrued in November. 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-Ps Decontamination Pad grate and installation, (62K). The cumulative variance is a reflection of the above negative costs, and the previous months slip in schedules.

November 1996  
Decontamination Pad construction completed.

5. Schedule Status:

Cost Performance Report:

Current Period: \$(138)K, or -70%  
FY to Date: \$(260)K, or -49%

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 area is determined, 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 baseline concentrations at MDA-P and Canon Del Valle is being drafted. Construction of the Decontamination Pad was completed. The

DATE PRINTED: 12/18/1996

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Reporting Period: 11/1996

ADS/TTP #: ALLA-2006- -

WBS #: 1.4.2.6.1.6

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PROJECT MANAGER'S RATINGS

No ratings available.



Reporting Period: 11/1996

ADS/TTP #: ALLA-3001- -

WBS #: 1.4.2.6.2.1

EXPENDITURE RATE (\$000) Continued

-----MONTHLY-----

-----CUMULATIVE-----

MONTH	BCWS	BCWP	Prelim	ACWP	SCHED VAR	COST VAR	BCWS	BCWP	ACWP	SCHED VAR	COST VAR
	<u>6,204</u>	<u>2,008</u>	<u>0</u>	<u>641</u>	<u>-34</u>	<u>1,367</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: 11/1996

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	12/20/1996	/ /		0
---	---	---------	------------	------------	-----	--	---

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	01/08/1997	/ /		0
---	---	---------	------------	------------	-----	--	---

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
---	---------------------------	-------------	------------	-----	-----	--	---

COMMENT:

On schedule.

1	TA-35: PROJECT DECOMMISSIONING COMPLETED	On Schedule	02/04/1997	/ /	/ /		0
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Reporting Period: 11/1996

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

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
---	---	-------------	------------	-----	-----	--	---

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: 11/1996

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: 11/1996

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
---	--	-------------	------------	-----	-----	--	---

## 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 in final review for decommissioning the

remaining 10 HE buildings.

TA-21:

DP West: Decommissioning of Building 3 and 4 North continued with the removal of the floors and foundation. The soil beneath the Buildings was sampled for hazardous and radioactive constituents. Activity on the final report for Building 3 and 4 South, the Filter Building final report, and the sitewide project plan continued. Activities to suspend decommissioning

Reporting Period: 11/1996

ADS/TTP #: ALLA-3001- -

WBS #: 1.4.2.6.2.1

Narrative (Continued):

operations in January 1996 and place the facility in a safe shutdown mode were started.

TA-35:

Phase 2: Decommissioning of Building 7. Complete except for final grading and paving.

Phase 3: Demolition 8, Phase Separator Pit, building #3. Demolition of the PSP is 80% complete. Data package was sent to INEL for incineration of mixed waste from the holding tanks and caustic treater tank.

4. Cost Status:

Cost Performance Report:

Current Period: \$482K, or 53%

FY-to-Date: \$1367, or 68%

TA-21:

The cumulative cost variance is over the reporting threshold for November. It was caused by delays in receiving and processing the contractors invoices at TA-16, TA-21 and TA-35. Current period invoices are still being generated at the time of this report.

5. Schedule Status:

Cost Performance Report:

Current Period: \$14K, or 2%

FY-to-Date: \$(34)K, or -2%

Overall:

The cumulative schedule variance is under the reporting threshold.

6. Technical Status:

TA-21:

DP West: Supercompaction at TA-54, Area G of building debris from Building 3 North resulted in a 43% reduction of waste volume. The results were surprising as the debris/plaster mixture did not appear compactible at all.

7. Major Accomplishments:

October 1996

TA-35: Building 7 footprint soil cleanup completed.

November 1996

None for this month.

DATE PRINTED: 12/18/1996

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Reporting Period: 11/1996

ADS/TTP #: ALLA-3001- -

WBS #: 1.4.2.6.2.1

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PROJECT MANAGER'S RATINGS

No ratings available.



EXPENDITURE RATE (\$000) Continued

MONTH	-----MONTHLY-----						-----CUMULATIVE-----				
	BCWS	BCWP	Prelim	ACWP	SCHED VAR	COST VAR	BCWS	BCWP	ACWP	SCHED VAR	COST VAR
9	725	---	---	---	---	---		---	---	---	---
	<u>10,589</u>	<u>1,011</u>	<u>0</u>	<u>1,334</u>	<u>0</u>	<u>-323</u>					

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

ACWP	BCWP	BCWS
77,526	75,915	76,139

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

FY98	FY99	FY00	FY01	FY02
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	Overdue	11/19/1996	12/20/1996	/ /	CAT1	0

COMMENT:  
 A formal request for extension has been approved by the Administrative Agency. Expected completion date is 20Dec96. Per Marge Boettner, 03Dec96.

1	4th Quarter Report Submitted	On Schedule	12/31/1996	/ /	/ /	CAT3	0
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COMMENT:

Reporting Period: 11/1996

ADS/TTP #: ALLA-2107- -

WBS #: 1.4.2.6.3.7

## MILESTONE REPORT Continued

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

On schedule.

1	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
---	------------------------	-------------	------------	-----	-----	------	---

COMMENT:

On schedule.

1	4th Quarter Report Submitted	On Schedule	12/31/1997	/ /	/ /	CAT3	0
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Reporting Period: 11/1996

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
---	------------------------------	-------------	------------	-----	-----	------	---

COMMENT:  
On schedule.

NARRATIVE

Narrative

1. Significant Problems/Issues/Concerns:

N/A

2. Corrective Actions:

N/A

3. Summary Assessment:

Provided record retrieval support to ER Project & LANL participants.  
Approximately 100 customers were assisted in November.

4. Cost Status:

Cost Performance Report:

Current Period: \$(138)K, or -30%  
FY to Date: \$(323)K, or -32%

The out of threshold cost variances are the result of one-time FY start up costs and approximately \$50K of Decision Support Council costs that have yet to be cost corrected out of this ADS. Also, there is approximately \$106K 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. 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:

Records Processing staff were consulted to establish standards for the Records Management and Document Control processes for the TA-55 Plutonium Facility. Conducted technical support and training for the Labwide

Reporting Period: 11/1996

ADS/TTP #: ALLA-2107- -

WBS #: 1.4.2.6.3.7

Narrative (Continued):

-----  
Document Control applications and processes. Coordinated retrievals for DOE-HQ who performed an Audit on Training Documentation of ER Field Workers. Coordinated with ER Field Unit Editors for the compilation of information for the deliverable of the NFA HSWA Permit Modification Renegotiation.

7. Major Accomplishments:

October 1996

Submitted the FY97 Life Cycle Programmatic Replan on October 16.

DATE PRINTED: 12/18/1996

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Reporting Period: 11/1996

ADS/TTP #: ALLA-2107- -

WBS #: 1.4.2.6.3.7

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PROJECT MANAGER'S RATINGS

No ratings available.

Reporting Period: 11/1996

ADS/TTP #: ALLA-2105- -

WBS #: 1.4.2.6.3.8

Title: PROGRAMMATIC TECH SUPPORT

Installation: LOS ALAMOS NATIONAL LABORATORY

Category: ER

Project Title: AL LAB ER (MSA)

Program Manager's-- FO: DEBORAH GRISWOLD

(505)845-4752

Start Date: 10/01/1990

HQ: BILL SPURGEON

(301)903-8187

Completion Date: 09/30/1999

B&R Code	ANNUAL TOTALS (\$000)											
	PY		CY		CY		CY		CY		PC	
	End FY 96 Unobl. Bal.	FY 96 Tot. Uncost.Obl.	FY 97 New Obl. Auth.	Total Avail.	FIS Obl. YTD 11/96	Prelim. Obl YTD	FIS Cost YTD 11/96	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	61	0	0	0	0	
OE EW2010302	0	43	0	43	0	0	122	0	0	0	0	
Totals:	0	57	0	57	0	0	183	0	0	0	0	

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

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	---	---	---	---	---	---	---	---	---	---
1	110	---	---	---	---	---	---	---	---	---	---
2	106	---	---	---	---	---	---	---	---	---	---
3	117	---	---	---	---	---	---	---	---	---	---
4	133	---	---	---	---	---	---	---	---	---	---
5	128	---	---	---	---	---	---	---	---	---	---
6	128	---	---	---	---	---	---	---	---	---	---
7	134	---	---	---	---	---	---	---	---	---	---
8	128	---	---	---	---	---	---	---	---	---	---
9	128	---	---	---	---	---	---	---	---	---	---
	<u>1,391</u>	<u>182</u>	<u>0</u>	<u>183</u>	<u>0</u>	<u>-1</u>					

Reporting Period: 11/1996

ADS/TTP #: ALLA-2105- -

WBS #: 1.4.2.6.3.8

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

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

ACWP	BCWP	BCWS	FY98	FY99	FY00	FY01	FY02
52,866	52,019	52,023	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	12/31/1996	/ /	CAT1	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:

The absence of final target budget numbers from the Department of Energy continues to affect the scopes proposed for all site-wide studies selected for funding during FY1997. Effort has begun on each study, but extent of the work and status of any deliverables won't be known until a complete budget picture emerges.

2. Corrective Actions:

N/A

3. Summary Assessment:

Data collection and analysis of the Protective Barrier Plots demonstration are continuing. Several failed flow sensors were replaced and improvements were made in the data collection software. Report on modeling capillary barrier performance is being prepared. Paper on performance of Protective

Reporting Period: 11/1996

ADS/TTP #: ALLA-2105- -

WBS #: 1.4.2.6.3.8

## Narrative (Continued):

Barrier Plots was revised and submitted to the Journal of Environmental Quality. Manuscript for DOE sponsored containment symposium to be held in February was prepared and sent to the symposium chairmen for review.

Decision Council team members met with Sandia National Laboratory counterparts to discuss respective technical approaches and internal process successes. We agreed to share our written policies with Sandia and they, in turn, would invite us to participate in their informal meetings with NMED.

## 4. Cost Status:

## Cost Performance Report:

Current Period: \$(53K), or -61%

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

The current period and out-of-threshold cost variance is the result of one-time FY start up costs including the installation of sensors and software to improve efficiencies. 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:

New site-wide ER investigations are progressing. These include a continuation of the "Integration of Available Data for LANL Site-Wide Geology with Emphasis on Geohydrology; a compilation and statistical treatment for determination of background geochemistry in groundwater, using data from appropriate deep wells and from springs, including additional sampling; a compilation and statistical treatment of surface water background geochemistry using existing data as well as automated

sampling stations in several canyons; an evaluation of key geochemical and hydrologic properties of buried, wide-spread soils associated with the Guaje Pumice Bed and Cerro Toledo interval and their influence on transport of contaminants; and a determination of vadose zone fluxes through mesas using chloride and stable isotope profiles from cores. The last two studies are leveraged with a majority of funding from Waste Management groups, while the Earth Science Council is striving to preserve the site-wide aspects of these particular studies. Final report for "Integration of Available Data for LANL Site-Wide Geology with Emphasis on Geohydrology" is being drafted for internal review. Customers of this data base compilation and 3-D display and printing capability have included the DOE and LANL's Groundwater Protection Program out of ESH-18. Final chemical analyses of leachates for the study "Application of Beryllium Leachability in Soils to Screening and Risk Analysis and Remediation" are in process. Besides beryllium, other leachates for chemical analysis include Al, As, Fe, Mn, Th, and U. Reviewed Environmental Surveillance data for the policy paper, "Application of LANL Background Data to ER Project Decision Making, Part 2 - Radionuclides" and selected "local background" subsets. Currently developing statistics based on these subsets. Extracted groundwater background data for wells located in Los Alamos Canyon for the LANL background groundwater project. Finalized a draft policy for PAHs. Internally circulating drafts of ER policy documents, "Risk Assessment Methodology and Screening Methodology", to be compiled in a compendium entitled "Technical Approach To Data Assessment for the LANL ER Project". Continued work on updating SALs based on the August 1996 changes to EPA Region 9 PRGs. In review are two draft products of the Human Health Risk Team - the PAH Policy and the "Technical Approach to Data Assessment for the Environmental Restoration (ER) Project."

## 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: 12/18/1996

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PROJECT MANAGER'S RATINGS

No ratings available.