

*STW*

# Los Alamos National Laboratory

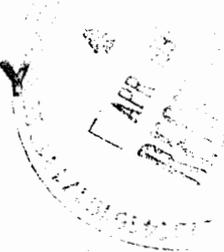
UNIVERSITY OF CALIFORNIA



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

Date: April 18, 1997  
Refer to: EM/ER:97-124

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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 MARCH 1997**

Dear Ted:

The Progress Tracking System (PTS) Report diskette for the Los Alamos National Laboratory's Environmental Restoration Project monthly report for March 1997 has been delivered to Art Tamayo.

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

Enclosure: PTS Monthly Report Hard Copies as stated.



8154

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Reporting Period: 3/1997

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 3/97	Prelim. Obl YTD	FIS Cost YTD 3/97	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	2,157	0	2,895	0	0	0	0
OE EW2010302	0	256	0	256	1,357	0	1,832	0	0	0	0
OE EW2010304	0	0	0	0	96	0	289	0	0	0	0
Totals:	0	432	0	432	3,610	0	5,016	0	0	0	0

(Preliminary actuals as of July/96; Actuals as of March/97.)

EXPENDITURE RATE (\$000)

MONTH	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	2,157	2,185	0	1,382	28	803	4,469	3,703	2,691	-766	1,012
2	608	497	0	904	-111	-407	5,077	4,200	3,595	-877	605
3	794	768	0	1,421	-26	-653	5,871	4,968	5,016	-903	-48
4	1,104	---	---	---	---	---	---	---	---	---	---
5	666	---	---	---	---	---	---	---	---	---	---
6	490	---	---	---	---	---	---	---	---	---	---
7	635	---	---	---	---	---	---	---	---	---	---
8	441	---	---	---	---	---	---	---	---	---	---
9	438	---	---	---	---	---	---	---	---	---	---
	<u>9,645</u>	<u>4,968</u>	<u>0</u>	<u>5,016</u>	<u>-903</u>	<u>-48</u>					

Reporting Period: 3/1997

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-----PRIOR YEARS COSTS-----			-----OUT YEAR COSTS-----				
ACWP	BCWP	BCWS	FY98	FY99	FY00	FY01	FY02
73,062	73,062	73,062	10,978	10,943	10,606	13,213	14,018

TOTAL PROJECT PLAN

BAC	174,473	Budgeted Mgmt Reserve	0
EAC	174,473	Remaining Mgmt Reserve	0
TEC	0	Planning Contingency	0
TPC	174,473	Remaining Contingency	0
		Planned R & U	0
		Remaining R & U	0

MILESTONE REPORT

LEV	TITLE	STATUS	PLANNED	FORECAST	ACTUAL	MILE CATEGORY	FLOAT
1	TA21: Bldg 3&4 Submit AA Draft of PH1 SAP	Overdue	11/22/1996	04/08/1997	/ /		0

COMMENT:

This milestone has some schedule slip, but will have no impact on subsequent field work, which is baselined to start in FY98. Some waste characterization sampling has begun "in concert" with D&D operations at the same area, to establish minimal information on this site and to achieve cost effectiveness by sharing sampling costs between RCRA-driven and D&D activities.

1	TA10: Submit AA Draft of SAP Ph1 10-009	Completed	12/16/1996	/ /	01/30/1997		0
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COMMENT:

Completed.

1	TA-3: SUBMIT AA DRAFT OF SAP 3-043(A,B,D,F,G,H)	Overdue	12/23/1996	05/16/1997	/ /		0
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COMMENT:

Reporting Period: 3/1997

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.)

TA-3 NOD for 3-043(a,b,d,f,g,h), 3-045(g), and AOC C-3-016. LANL is waiting for clarification on issues in the NOD before proceeding with creating this Sampling Analysis Plan. LANL sent a letter to the AA requesting clarification

1	TA-3: SUBMIT AA DRAFT OF SAP PRS 3-029	Overdue	01/15/1997	05/09/1997	/ /		0
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COMMENT:

TA-3 NOD on PRS 3-029. LANL is waiting for clarification on issues in the NOD before proceeding with creating this Sampling Analysis Plan. LANL sent a letter to the AA requesting clarification.

1	TA-3: Submit AA Draft of SAP	Overdue	02/05/1997	05/09/1997	/ /		0
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COMMENT:

TA-3 NOD Response for AOC C-3-020. LANL is waiting for clarification on issues in the NOD before proceeding with creating this Sample Analysis Plan. LANL sent a letter to the AA requesting clarification.

1	TA0: Submt Fnl Rpt to EPA 0-030b;033b;004;010b	Overdue	03/03/1997	/ /	/ /	CAT1	0
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COMMENT:

\*\* This milestone was incorrectly coded as an EA milestone. The RFI report was already submitted to EPA in FY96. The remaining milestone is for responding to any AA comments on the completed RFI report. It will be removed from PTS, and will not appear in next month's report.

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

On schedule.

1	TA-21: Submit AA Draft of SAP Ph1	On Schedule	06/11/1997	/ /	/ /		0
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Reporting Period: 3/1997

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 14.7 Submit AA Ph1 RFI Rpt Draft	On Schedule	06/16/1997	/ /	/ /	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:

On schedule.

1	TA-21: 16.2 Submit AA Draft of SAP Ph1	On Schedule	09/11/1997	/ /	/ /		0
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## COMMENT:

On schedule.

1	TA0: Drf Inactive WWTP RFI Rpt to AA Grp 0-2	On Schedule	09/30/1997	/ /	/ /	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	09/30/1997	/ /	/ /	CAT3	0
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## COMMENT:

Reporting Period: 3/1997

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	TA1: AA Draft Complete Agg. N&P RFI Report	On Schedule	09/30/1997	/ /	/ /	CAT3	0
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COMMENT:

On schedule.

1	TA21 Submit AA RFI Rpt Drft 21-026(a-c),-013(a)	On Schedule	09/30/1997	/ /	/ /	CAT3	0
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COMMENT:

On schedule.

1	TA21: Notify AA if Necessary to Modify Wk Plan	On Schedule	10/03/1997	/ /	/ /		0
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COMMENT:

On schedule.

1	TA73: LA Airport Submit AA RFI Report Draft	On Schedule	10/09/1997	/ /	/ /	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: 3/1997

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	TA10: Submit AA Draft PH I RFI Rpt 10-008	On Schedule	12/31/1997	/ /	/ /		0
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## COMMENT:

On schedule.

1	TA21 16.3 Submit AA Draft Ph1 RFI RPT	On Schedule	01/08/1998	/ /	/ /	CAT3	0
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## COMMENT:

On schedule.

1	TA21: Submit AA Draft of DP Canyon Rpt	On Schedule	01/14/1998	/ /	/ /	CAT3	0
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## COMMENT:

On schedule.

1	TA-10:Central Area ALARA Plan Drft Complt for AA	On Schedule	01/14/1998	/ /	/ /		0
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## COMMENT:

On schedule.

1	TA0: Drf WSP RFI Rpt to AA (0-003,0-012)	On Schedule	05/04/1998	/ /	/ /	CAT3	0
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## COMMENT:

Reporting Period: 3/1997

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	05/08/1998	/ /	/ /	CAT3	0
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COMMENT:

On schedule.

1	TA21 16.5 Submit AA Draft Ph1 RFI Report	On Schedule	05/26/1998	/ /	/ /	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.

1	TA21: 16.4 Submit AA RFI Report Draft Ph 2	On Schedule	06/10/1998	/ /	/ /	CAT3	0
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COMMENT:

On schedule.

1	TA0: Submit Drft Wst Ln RFI Rpt to AA PRS 0-017	On Schedule	08/10/1998	/ /	/ /	CAT3	0
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Reporting Period: 3/1997

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: Bldg 2 Submit AA Draft RFI Rpt	On Schedule	09/10/1998	/ /	/ /	CAT3	0
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COMMENT:

On schedule.

1	TA73:AA Draft of LA Airport CMS Plan Complete	Forecast Delay	09/18/1998	11/25/1998	/ /	CAT3	0
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COMMENT:

\* \* TA-73 Group 73-1 \* \* The CMS Plan is delayed due to a change in the strategy and technical approach during the RFI investigation at this site. These changes have to potential of significant cost and schedule reductions. If the approach is approved by the AA, a BCP will be submitted to incorporate technical/cost/schedule changes.

NARRATIVE

Narrative

1.0 SIGNIFICANT PROBLEMS, ISSUES, CONCERNS

2.0 CORRECTIVE ACTION

3.0 SUMMARY ASSESSMENT

Field Unit 1 activities for March 1997 include the following: 1) modification of the OU 1071 Work Plan for PRSs 0-034(a,b), 2) reinforcement of storm water controls in the TA-10 Bayo Canyon Central Area, 3) completion of the Bayo Canyon Shrapnel Report [PRSs 10-001(a-d)], 4) completion of a response to NMED's Request for Additional Information on the TA-31 VCA plan and report, 5) collection of baseline water samples for

the Upper Sandia Canyon Investigation, 6) collection of water samples behind the Knights of Columbus building as part of the DP Canyon investigation, 7) completion of radiological field screening at PRS 21-024(i), 8) completion of the Eco-Vac reprocessing of the gravel/bullet fraction for PRS 0-016, 9) completion of the field investigation at MDA T [PRSs 21-016(a-c), 21-011(c), 21-028(a), C-21-009, and C-21-012], and 10) determination of the nature and extent of contamination at MDA T. In addition, progress continued on VCA, RFI, and IA reports. LANL continued to await clarification from NMED concerning the NOD on the RFI Report for TA-211B and 1C and the related addendum, as well as other NODs.

4.0 COST STATUS

Reporting Period: 3/1997

ADS/TTP #: ALLA-2001- -

WBS #: 1.4.2.6.1.1

## Narrative (Continued):

-----  
Cost Performance Report

Current Period: \$(653)K, or -85%

FY to Date: \$(48)K, or -1%

The cost variance for FU#1 during the month of March increased due to new process for accrual of drilling and analytical costs, but still needs to be corrected to account for the following:

- a) Earned Value was taken for planned level-of-effort tasks on Delayed Analytical and Delayed waste costs. These costs were not booked in January as planned and caused a misleading positive variance of \$805.1K.
- b) Un-planned cost for waste disposal from FY96, including PRS 0-016, totals \$181.4K
- c) There was a double booking of a subcontractor invoice totaling \$195.1K, which overstates the costs in the LANL accounting system and causes a false negative cost variance.
- d) The Pollution Prevention Project tax levied on FU#1 on-site waste disposal is overstated by \$131.9K.
- e) Making these adjustments and including other minor corrections, the correct cumulative cost variance through January should be \$(427.6)K. This is an improvement over last month.

Key elements of this cost variance include:

1. \$(124)K TAO IFR VCA 0-016: The sub-tier contractor did not achieve anticipated waste-processing rates, which raised costs for equipment rental and additional time for FTE effort. Serious weather delays have also slowed work. A BCP to incorporate these changes, unplanned wFY96 waste costs and future additional hazardous waste disposal will be submitted for this site.
2. \$(128.9)K TA-0 DP Road Storage: for unplanned additional boreholes at operations necessary to determine nature and extent of contamination. A BCP will be submitted for this site.
3. \$(64.7)K TA-21 21-24(1) VCA: The costs for this site were significantly higher due to incorporation of fall protection in the SHASP and FP equipment purchases. In addition, the estimate for the rad. screening was grossly underestimated.
4. \$(39.2)K TA-21 21-011(k) Interim Action: The cost for this IA was higher than planned because the waste volume was higher than planned. This drove up disposal costs, plus transportation and other associated tasks.

## 5.0 SCHEDULE STATUS

## Cost Performance Report

Current Period: \$(26)K, or -3%

FY to Date: \$(903) K, or -15%

FU#1 was behind schedule for work performed during March. The cumulative Schedule Variance has five primary elements:

- 1) AA Review-Related Schedule variances: \$(476)K  
\*\$(221.8)K of the cumulative negative schedule variance (SV) is attributed to work planned after anticipated AA or DOE comments on RFI and VCA reports. These 15 reports included in the LANL baseline have not been approved by the DOE, the State and/or EPA.  
\*\$(254.2)K of SV from waiting on clarification from NMED concerning issues with three NODs. LANL has written a letter to the regulatory requesting clarification.
- 2) \$(147)K of SV on TA-73 LA Airport RFI fieldwork came from several strategy changes made by the technical team. These changes have the potential of significant cost and schedule reductions.
- 3) \$(108)K of SV on TA-21 21-024(1) VCA. Fieldwork was impacted by weather delays over the past 2 months. Tasks have taken longer than planned due to requirements of fall protection safety measures; this especially impacted the Rad. Survey task.
- 4) \$(110)K TA-19 East Gate Field work has been stopped, pending resolution of cost/funding/BCP questions.
- 5) \$(60)K of SV on TA-21 DP Canyon investigation. The mini-work plan will be completed on May 9th; this allows fieldwork to start on-schedule and will eliminate the SV at this site.

## 6.0 TECHNICAL STATUS

## 6.1 RFI WORK PLANS AND SAMPLING PLANS

## TA-0

Planning continues for the DP Canyon Investigation. Several technical team meetings have been held, and the scope of the work plan is currently being determined.

The OU 1071 Work Plan for PRSs 0-034(a,b) is currently undergoing

Reporting Period: 3/1997

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## Narrative (Continued):

modification because the 1946 aerial photos were incorrectly interpreted. These PRSs were used for storage by construction contractors, and were never used as disposal sites.

## TA-73

Preparation of the Phase II SAP for PRS 73-002 was delayed because of ecological issues associated with the decision of whether to conduct a VCA to remove trace levels of dioxins and other contaminants. The ER Project is deferring ecological risk assessment at individual PRSs until a site-wide ecological assessment process is approved. The plan is now being completed with no judgment regarding post Phase II actions.

## 6.2 FIELD WORK-RFI INVESTIGATIONS

## TA-1

The Los Alamos County septic manholes north of Trinity Drive were surveyed and found to have the same rim and invert elevations as Western Sanitary Waste Line manholes 43 and 44. Therefore, it is inferred that these septic manholes are the original manholes. The sewer line currently used by the county that is beneath Trinity Drive was determined to be the same pipe that was installed in the 1940s. Future exposure scenarios for the abandoned sewer line (which is not presently accessible but could be excavated by future construction activities) are being developed for the Aggregate N and P RFI report.

## TA-10

Storm water controls were reinforced in the Bayo Canyon Central Area [PRSs 10-002 (a,b), 10-003(a-o),10-004(a,b),10-005, and 10-007].

## TA-19

Field work at the East Gate Laboratory (PRSs 19-001, 19-003, and C-19-001) may proceed because the ground is now free of snow and ice. However, an assessment is being made of the Field Unit budget, which may lead to deferring the investigation until a later date. A drawing of the septic tank design was found. This drawing shows a cobble leach field that received the effluent from the tank, so the sampling approach will be slightly modified.

## TA-21

The planning process for the Upper Sandia Canyon Investigation has begun. Initial baseline water sampling was performed to determine steady state contaminant levels. FSS will be presenting planned/expected work that will affect Sandia Canyon and may influence this study.

Radiological field screening was completed at PRS 21-024(i).

The field investigation at MDA T [PRSs 21-016(a-c), 21-011(c), 21-028(a), C-21-009, and C-21-012] has been completed. Boreholes have been drilled in the absorption beds, the retrievable storage area, the disposal shafts, and the paleochannel. The nature and extent of contamination has been determined and work will begin on the performance assessment once all of the data have been received.

## TA-32

Storm water controls continue to be inspected and maintained at PRSs 32-002(a,b).

## TA-73

The outfall of the PRS 73-004(c) septic tank could not be located and there are no probable drainage channels where samples could be collected. Because this septic tank only served the original airport terminal restrooms before the waste was handled by a treatment plant, the costs and benefits of excavation are being considered before implementing the work plan. Aerial photographs are being sought outside the LANL photo/video archives to fill knowledge gaps regarding conditions and operations at airport sites.

A matrix of various options for proceeding with the airport landfill, PRS 73-001(a), is being prepared. This matrix will support decisions pertaining to additional data needs, remedial action, and/or post-closure monitoring or treatment. There are still safety concerns about drilling into the landfill, and Level B personnel protection may be required. In addition, the hazard of methane explosiveness, which might impact any airplanes are tied down within the landfill, is being evaluated.

## 6.3 REPORTS

Reporting Period: 3/1997

ADS/TTP #: ALLA-2001- -

WBS #: 1.4.2.6.1.1

## Narrative (Continued):

## TA-0

The DP Road Storage Area (PRS 0-027) RFI report has been suspended while remediation alternatives are explored.

## TA-10

The Bayo Canyon Shrapnel report has been completed [PRS 10-001 (a-d)]. DOE comments have been incorporated and the report has been distributed.

## TA-21

Writing began on the MDA U surface sampling report [PRSs 21-017(a-c)].

The interim action report for PRS 21-011(k) was distributed for comments. These comments have been included and the report distributed.

## 6.4 NOD RESPONSES

## TA-0

An NOD for PRSs 0-028(a,b) was received and the response was sent to the State on March 24, 1997.

## TA-1

A response is being prepared to a second NOD for Aggregate F [PRSs 01-001(d) and 01-006(h)]. This response asked for more information than was provided in the original NOD response.

## TA-31

NMED's Request for Additional Information on the TA-31 VCA plan and report was completed and submitted.

## 6.5 VCA/EC AND INTERIM ACTION ACTIVITIES

## TA-0

Final data are now available for PRSs 0-030(d), 0-030(k), and C-0-043, and the draft report for these PRSs is being completed.

Potential VCA/VCM options are being explored for the DP Road Storage Area (PRS 0-027).

Eco-Vac reprocessing of the gravel/bullet fraction was completed for PRS 0-016. Approximately 3 000 to 4 000 pounds of lead bullets were recovered from process gravel. Site restoration will begin in April.

## TA-1

The Remedial Action Status Report for PRS 1-001(d) on Hillside 138 was submitted through DOE to NMED.

## TA-3

The slope stabilization design for PRS 3-056(c) is being reevaluated based on new information from FSS regarding the TA-3 power plant. Effluent from a current outfall at the TA-3 power plant will be re-routed to another outfall, thereby eliminating the current outfall. This will significantly affect the volume of water entering Sandia Canyon, which is located below this PRS.

## TA-10

The VCA plan for PRS 10-009, the Bayo Canyon Landfill, is in draft form. Additional calculations are being performed to establish cleanup levels.

Long term desorption studies are under way for cesium from the clays of PRS 21-011(k). These studies are being performed using synthetic rain water, synthetic ground water, and water obtained from a stream bed just to north of PRS 21-011(k).

Water samples were collected as part of the DP Canyon investigation on March 19, 1997. These samples were collected from behind the Knights of Columbus building at locations just east of PRS 21-011(k), above the concrete slab to north of PRS 21-011(k), and just before the confluence of the streams in DP and LA Canyons. These water samples are being analyzed for cesium. The water was filtered through three sizes of meshes to determine the size distribution of sediment particles being transported, and to determine the contribution of colloidal transport.

## 7.0 MAJOR ACCOMPLISHMENTS:

October 1996

The field implementation pilot plan for sampling of the Bayo Canyon chamisa

Reporting Period: 3/1997

ADS/TTP #: ALLA-2001- -

WBS #: 1.4.2.6.1.1

## Narrative (Continued):

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.

Field work for the interim action at the PRS 21-011(k) outfall was completed.

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

Final placement of material from the Inactive 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 in December 1996 to sample

outfall pipes at the Central Waste Water Treatment Plant (PRS 0-019).

An access agreement was obtained from the County in December 1996 to sample in Bayo Canyon.

January 1997

The readiness review for field work at PRS 21-024(i) was completed.

Phase 1b sampling at PRS 73-002 was completed January 2, 1997.

A Scope of Work and cost estimate were prepared in January 1997 for the interim action for SWMU Groups 73-1 and 73-2.

A rough draft of the RFI report for the TA-21 Waste Water Treatment Plant (WWTP) [PRSS 21-026(a-c)] and a surface disposal site associated with the WWTP [PRS 21-013(a)] was distributed to the technical team for comments.

February 1997

Septic tank 21-024(i) was sampled, the outfall was surveyed for sampling, and fall protection measures were developed.

A draft of the Interim Action Report for the PRS 21-011(k) outfall was completed.

The NOD response for the outfall drainage at the old Catholic Church [PRS 0-030(g)] was completed.

A slope stabilization design was developed and agreed upon for PRS 3-056(c).

The interim action was complete and surface water runoff controls were installed for the Bayo Canyon Central Area.

March 1997

The Bayo Canyon Shrapnel Report [PRSS 10-001 (a-d)] was completed.

NMED's Request for Additional Information on the TA-31 VCA plan and report was completed.

Reporting Period: 3/1997

ADS/TTP #: ALLA-2001- -

WBS #: 1.4.2.6.1.1

Narrative (Continued):

-----  
The field investigation at MDA T [PRSs 21-016(a-c), 21-011(c), 21-028(a), C-21-009, and C-21-012] was completed.

Initial baseline water sampling was performed to determine steady state contaminant levels for the Upper Sandia Canyon Investigation.

Radiological field screening was completed at PRS 21-024(i).

The NOD response for PRSs 0-028(a,b) was sent to the State on March 24, 1997.

On March 19, 1997, water samples were collected from behind the Knights of Columbus building to determine cesium levels.

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PROJECT MANAGER'S RATINGS

No ratings available.

Reporting Period: 3/1997

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	CY	PC	PC
	End FY 96 Unobl. Bal.	FY 96 Tot. Uncost.Obl.	FY 97 New Obl. Auth.	Total Avail.	FIS Obl. YTD 3/97	Prelim. Obl YTD	FIS Cost YTD 3/97	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	411	0	422	0	0	0	0	
OE EW2010302	0	159	0	159	998	0	1,374	0	0	0	0	
OE EW2010304	0	0	0	0	0	0	64	0	0	0	0	
Totals:	0	178	0	178	1,409	0	1,860	0	0	0	0	

(Preliminary actuals as of July/96; Actuals as of March/97.)

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	-471	119	0	1,050	590	-931	446	428	1,305	-18	-877
2	211	174	0	433	-37	-259	657	602	1,738	-55	-1,136
3	384	197	0	122	-187	75	1,041	799	1,860	-242	-1,061
4	508	---	---	---	---	---	---	---	---	---	---
5	441	---	---	---	---	---	---	---	---	---	---
6	440	---	---	---	---	---	---	---	---	---	---
7	463	---	---	---	---	---	---	---	---	---	---
8	490	---	---	---	---	---	---	---	---	---	---
9	346	---	---	---	---	---	---	---	---	---	---
	<u>3,729</u>	<u>799</u>	<u>0</u>	<u>1,860</u>	<u>-242</u>	<u>-1,061</u>					

Reporting Period: 3/1997

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
35,894	35,894	35,894	6,292	6,589	1,327	140	0

TOTAL PROJECT PLAN

BAC	53,971	Budgeted Mgmt Reserve	0
EAC	53,971	Remaining Mgmt Reserve	0
TEC	0	Planning Contingency	0
TPC	53,971	Remaining Contingency	0
		Planned R & U	0
		Remaining R & U	0

MILESTONE REPORT

LEV	TITLE	STATUS	PLANNED	FORECAST	ACTUAL	MILE CATEGORY	FLOAT
1	TA-18 FINAL REPORT COMPLETED	Overdue	02/06/1997	05/05/1997	/ /	CAT1	0

COMMENT:

Awaiting comments from "AA" to complete final report.

1	APPROVES VCA REPORT 15-004(B)	Overdue	03/06/1997	06/02/1997	/ /		0
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COMMENT:

VCA report sent to "AA", awaiting comments

1	TA-14 Q-SITE AGGRGT FINAL REPORT COMPLETED	Completed	03/20/1997	/ /	10/31/1996	CAT3	0
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COMMENT:

Reporting Period: 3/1997

ADS/TTP #: ALLA-2002- -

WBS #: 1.4.2.6.1.2

## MILESTONE REPORT Continued

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

Completed.

1	TA-12 L-SITE AGGRGT FINAL REPORT COMPLETED	Completed	03/25/1997	/ /	10/31/1996	CAT3	0
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COMMENT:

Completed.

1	TA-20/53/72 FINAL REPORT COMPLETED	On Schedule	04/10/1997	/ /	/ /	CAT3	0
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COMMENT:

On schedule.

1	TA-15 FIELDWORK IFINAL REPORT COMPLETED	Forecast Delay	04/17/1997	07/15/1997	/ /	CAT2	0
---	---	----------------	------------	------------	-----	------	---

COMMENT:

Awaiting comments from "AA" to complete Report.

1	TA-15 OU# 1086 (AA) DRAFT COMPLETE	Forecast Delay	04/21/1997	07/17/1997	/ /	CAT2	0
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COMMENT:

Awaiting comments from "AA" to complete final report.

1	TA-36: FINAL EC REPORT COMPLETED PRS 36-003(A)	On Schedule	09/08/1997	/ /	/ /		0
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Reporting Period: 3/1997

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-39 (AA) DRAFT REPORT COMPLETE PRS 39-001A-B	Completed	09/30/1997	/ /	03/06/1997	CAT3	0
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## COMMENT:

Completed.

1	(AA) FINAL REPORT COMPLETE PRS 18-003(D)	On Schedule	10/10/1997	/ /	/ /	CAT3	0
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## COMMENT:

On schedule.

1	TA-39 FINAL COMPOSITE REPORT COMP PRS 39-001A-B	On Schedule	12/30/1997	/ /	/ /		0
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## COMMENT:

On schedule.

1	PRS C-15-010 (AA) REPORT COMPLETE	On Schedule	02/09/1998	/ /	/ /	CAT3	0
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## COMMENT:

On schedule.

1	(AA) REPORT COMPLETE PRS C-36-003	Forecast Delay	02/09/1998	04/22/1998	/ /	CAT2	0
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## COMMENT:

Reporting Period: 3/1997

ADS/TTP #: ALLA-2002- -

WBS #: 1.4.2.6.1.2

## MILESTONE REPORT Continued

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

This milestone is a little behind schedule due to weather delays. We anticipate to recover as soon as we can get in the field.

1	(AA) REPORT COMPLETE PRS 15-010A	On Schedule	02/24/1998	/ /	/ /	CAT3	0
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COMMENT:

On schedule.

1	(AA) REPORT COMPLETE PRS 36-004	On Schedule	03/24/1998	/ /	/ /	CAT3	0
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COMMENT:

On schedule.

1	(AA) REPORT COMPLETE PRS 36-005	On Schedule	03/26/1998	/ /	/ /	CAT3	0
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COMMENT:

On schedule.

1	FINAL REPORT COMPLETE PRS C-15-010	On Schedule	04/27/1998	/ /	/ /		0
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COMMENT:

On schedule.

1	(AA) FINAL REPORT COMPLETE PRS C-36-003	Forecast Delay	04/27/1998	07/09/1998	/ /	CAT2	0
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Reporting Period: 3/1997

ADS/TTP #: ALLA-2002- -

WBS #: 1.4.2.6.1.2

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

## COMMENT:

This milestone is a little behind schedule due to weather delays. We anticipate to recover as soon as we can get in the field.

1	ISSUE 2ND ADDENDUM PRS 18-003(D)	On Schedule	05/07/1998	/ /	/ /		0
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## COMMENT:

On schedule.

1	(AA) REPORT COMPLETE PRS	On Schedule	05/08/1998	/ /	/ /	CAT3	0
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## COMMENT:

On schedule.

1	FINAL REPORT COMPLETE PRS 15-010A	On Schedule	05/11/1998	/ /	/ /		0
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## COMMENT:

On schedule.

1	(AA) REPORT COMPLETE PRS	On Schedule	05/11/1998	/ /	/ /	CAT3	0
---	--------------------------	-------------	------------	-----	-----	------	---

## COMMENT:

On schedule.

1	PRS 15-007A (AA) REPORT COMPLETE PRS	On Schedule	06/03/1998	/ /	/ /	CAT3	0
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## COMMENT:

Reporting Period: 3/1997

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	06/09/1998	/ /	/ /	CAT3	0
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COMMENT:

On schedule.

1	(AA) FINAL REPORT COMPLETE PRS 36-004	On Schedule	06/09/1998	/ /	/ /	CAT3	0
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COMMENT:

On schedule.

1	FINAL REPORT COMPLETE PRS 36-005	On Schedule	06/11/1998	/ /	/ /		0
---	----------------------------------	-------------	------------	-----	-----	--	---

COMMENT:

On schedule.

1	(AA) FINAL REPORT COMPLETE PRS	On Schedule	07/27/1998	/ /	/ /	CAT3	0
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COMMENT:

On schedule.

1	FINAL REPORT COMPLETE PRS	On Schedule	07/28/1998	/ /	/ /		0
---	---------------------------	-------------	------------	-----	-----	--	---

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

COMMENT:  
 On schedule.

1	(AA) FINAL REPORT COMPLETE PRS 15-007A	On Schedule	08/19/1998	/ /	/ /	CAT3	0
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COMMENT:  
 On schedule.

1	(AA) FINAL REPORT COMPLETE 53-006A,B,C,D,E,F	On Schedule	08/25/1998	/ /	/ /	CAT3	0
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COMMENT:  
 On schedule.

1	(AA) ISSUE 3RD ADDENDUM PRS 18-003(D)	On Schedule	09/28/1998	/ /	/ /		0
---	---------------------------------------	-------------	------------	-----	-----	--	---

COMMENT:  
 On schedule.

NARRATIVE

Narrative

1. Significant Problems/Issues/Concerns:

Unit 1085

None

Unit 1086

There does not appear to be an ER Project Policy that addresses what media should be placed into remediated septic tanks, specifically, tanks that are

located in various technical areas in the Laboratory that have contained hazardous waste. Currently earth, sand, gravel, concrete or other approved material may be used. NMED has indicated that they prefer filling them with concrete. A copy of the Uniform Plumbing Code was provided, that addresses domestic septic tank systems and sanitary waste, but does not specifically address Industrial septic tanks that contained hazardous waste.

Reporting Period: 3/1997

ADS/TTP #: ALLA-2002- -

WBS #: 1.4.2.6.1.2

Narrative (Continued):

Unit 1086:

During recent investigations and interviews, it was determined that the information presented in the RFI Work Plan, dated July 1993, pertaining to PRS 15-007(c), "The Shaft", may be in error. The test that was reported to have occurred may not have been conducted in the shaft identified in the Work Plan.

Unit 1093:

The extensive NOD received from NMED in February 1997 regarding the OU 1093 RFI Report of 10/95 raised significant ER programmatic and budgetary issues that will require an integrated LANL response. The issues will be addressed at a meeting of the LANL Groundwater Integration Team, chaired by Charles Nylander of ESH-18, on April 3.

Unit 1100:

None

Unit 1130:

Stream sampling was planned at several locations, but no stream flow was present and sampling was not performed.

Unit 1132:

None

2. Corrective Action:

Unit 1086:

We are reviewing the draft septic tank policy and preparing comments.

Unit 1086:

Further research through classified documents is in progress to determine if indeed the test for PRS 15-007(d) was conducted and the location of the test. This information should be available by early April 1997, and the field team will respond accordingly. It was determined that the test location was miss-identified. Further research is continuing of the alleged test that may have occurred in another shaft. The field team will report and respond accordingly as more information is made available. The NOD response to this PRS was submitted to the ER Project Office on February 6, 1997.

Unit 1093

None

Unit 1100

None

Unit 1130:

An attempt will be made to collect stream samples during the summer rainy season.

Unit 1132

None

3. Summary Assessment

Unit 1085:

Maintenance of BMP's at PRS 14-003 and PRS 14-009 was performed and proper documentation submitted to ESH-19.

Internal review of the 5 VCA plans and 2 IA has been completed and the comments have been incorporated. The plans will be submitted for LANL/DOE review and comment the first week of April 1997.

ESH-3 requested an electrical inspection of two reels of electrical cords planned for use during the cleanup activities of PRS 14-003. This inspection was conducted on March 19, 1997 by an electrical inspector and the electrical cords were deemed safe for their intended use.

The required 10 day advance notice of intended work start was issued to the ER Project office on March 31, 1997 for work at TA-14, PRS 14-003.

A site tour of PRSs at TA-14 for NMED personnel was conducted on March 17, 1997. It consumed 4 man-days.

Unit 1086:

Preparation for field work at PRS 15-004(f), Firing Site E-F continues. We are awaiting an improvement in the weather conditions (snow melt).

Unit 1093:

Reporting Period: 3/1997

ADS/TTP #: ALLA-2002- -

WBS #: 1.4.2.6.1.2

## Narrative (Continued):

Quarterly sampling of groundwater from five monitoring wells at PRS 18-003(d) was completed. In addition, depths to water were measured at 14 other monitoring wells at and east of TA-18. A response to the OU 1093 RFI Report NOD was nearing completion and will be sent for LANL review the first week of April.

## Unit 1093:

Work continued on the VCA plan for removal and disposal of the unused underground reactor fuel storage pipe, PRS 18-006; radiological conditions inside the pipe will have to be determined before the VCA plan can be finalized. Interviews with a former TA-18 employee indicate that the pipe was rinsed twice with water after defueling, leading to a more benign condition for the pipe's excavation and sectioning. An ES&H Questionnaire was submitted and is under review by appropriate LANL groups.

The NOD response for the October 1995 OU1093 RFI Work Plan required an additional 20 man-days.

## Unit 1100:

An NOD, for the RFI report submitted in March of 1996, was received and work on the response is currently underway. The response will be submitted to NMED on the required date.

Progress continues in drafting a Statement of Work (S.O.W.) for the underground storage tank (UST) integrity testing. The S.O.W. is 70% complete. Field personnel toured TA-53 to be reacquainted with the locations of the UST's to be tested.

## Unit 1130

A site tour of PRSs at TA-36 for NMED personnel was conducted on March 17, 1997. It consumed 4 man-days.

## Unit 1132

The VCA plan for PRS 39-002(a) was submitted for internal review and the readiness review for the field work was conducted on March 26, 1997.

## 4. Cost Status:

Cost Performance Report:

Current Period: \$ 75K, or 38%

FY to Date: \$(1,061)K, or -133%

The out-of-threshold negative cost variance had a variety of causes,

including: \$135K in increased sample and analytical costs; \$34K for re-done Technical Scope Documents (TSDs) for the new baseline; \$40K in sample costs accrued in the previous fiscal year but realized in this FY; \$30K in added scope to generate a VCA Process Flow Report; \$20K in added resources was needed to respond to an NOD; and \$185K came from prior FY contractor costs that were not booked until this FY. NOD response costs above and beyond what is in the baseline from TA-18 and TA-27 are anticipated to be in excess of 125K. Effort and out of scope work to respond to AIP/NMED priorities not included in our baseline are in excess of \$190K.

## 5. Schedule Status

Cost Performance Report:

Current Period: \$-186.9K or -48.7%

FY to Date: \$-241K or -23.2%

The current period negative schedule variance is still being caused by bad weather. Most of the sites were re-visited this month and were too muddy to perform any type of safe work. We still are optimistic that when the weather permits we will recover from this negative schedule variance.

## 6. Technical Status:

Nothing additional

## 7. Major Accomplishments:

## November 1996

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 on the \$60M scenario of FYs 97, 98, and 99. The contingency analysis was completed and delivered on time as requested.

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

## February 1997

The VCA Reporting Process Flow was finalized.

The Evaluation of Potential Surface and Ground Water List was updated and submitted to ESH-18.

Reporting Period: 3/1997

ADS/TTP #: ALLA-2002- -

WBS #: 1.4.2.6.1.2

Narrative (Continued):

-----  
March 1997

On March 20, a VCA was performed on PRS 53-014. This was a site where lead shot had been spilled and was identified in the Mitigation Action Plan for the LEDA Project. The shot was spilled in an area which posed a risk of spreading contamination due to storm water runoff. All visible lead was removed and confirmatory soil samples were taken. A final report will be written upon receipt of analytical results.

A meeting was held with DX Division personnel to inform them about upcoming ER operations at their Technical areas. This is part of FU2's effort to involve the operating groups in the early planning of ER activities and work toward better understanding of the needs of both the ER Project and the needs of the operating groups.

S.O.P. training has been completed for the field personnel which will be operating in Unit 1130.

Samples were collected from stream flow in Water Canyon, down-gradient from the outer extent of the hazard circles for firing sites at TA-36. This accounts for 35% of the required stream sampling. A schedule was developed for sampling to be performed at TA-36 during the remainder of the field season.

DATE PRINTED: 04/18/1997

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Reporting Period: 3/1997

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PROJECT MANAGER'S RATINGS

No ratings available.



Reporting Period: 3/1997

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>4,221</u>	<u>1,313</u>	<u>0</u>	<u>1,816</u>	<u>-146</u>	<u>-503</u>					

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

ACWP	BCWP	BCWS
23,471	23,471	23,471

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

FY98	FY99	FY00	FY01	FY02
5,340	5,178	5,252	4,812	4,755

TOTAL PROJECT PLAN

BAC	53,178	Budgeted Mgmt Reserve	0
EAC	53,178	Remaining Mgmt Reserve	0
TEC	0	Planning Contingency	0
TPC	53,178	Remaining Contingency	0
		Planned R & U	0
		Remaining R & U	0

MILESTONE REPORT

LEV	TITLE	STATUS	PLANNED	FORECAST	ACTUAL	MILE CATEGORY	FLOAT
1	TA16:AGG.EC.5 EPA DRAFT REPORT COMPLETE	Completed	03/14/1997	/ /	09/30/1996	CAT3	0

COMMENT:  
Completed.

1	TA16:AGG.EC.6 EPA DRAFT REPORT COMPLETE	Completed	03/14/1997	/ /	09/30/1996	CAT3	0
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COMMENT:

Reporting Period: 3/1997

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 APPROVES EC REPORT	Completed	03/28/1997	/ /	09/30/1996	CAT3	0
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COMMENT:

Completed.

1	TA16: A.A PRI RFI REPORT COMPLETE SG 1-8	On Schedule	09/26/1997	/ /	/ /	CAT3	0
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COMMENT:

On schedule.

1	TA33: SG 3/4 A.A RPT CMPLT RFI RPT	On Schedule	09/26/1997	/ /	/ /	CAT3	0
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COMMENT:

On schedule.

1	TA16: 260 A.A RPT CMPLT RFI RPT	On Schedule	12/29/1997	/ /	/ /	CAT3	0
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COMMENT:

On schedule.

1	TA16:: A.A APPROVED CMS PLAN	CMS PL	On Schedule	07/17/1998	/ /	/ /	CAT3	0
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Reporting Period: 3/1997

ADS/TTP #: ALLA-2003- -

WBS #: 1.4.2.6.1.3

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

1	TA46: SG 2 A.A RFI REPORT CMLPT	On Schedule	07/27/1998	/ /	/ /		CAT3	0
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COMMENT:  
On schedule.

NARRATIVE

Narrative

1. Significant Problems/Issues/Concerns:

Work will be delayed at the 260 outfall by approximately two months because of the potential presence of a breeding endangered species.

2. Corrective Actions:

The corrective action for the 260 outfall will be to use contingency funds to accelerate the work after the breeding vulnerability of the endangered species has passed.

3. Summary Assessment:

\* TA-16 Hydrogeology (MA36-5129) - The Canon de Valle surface water and spring data were collocated for future analysis. Quarterly sampling occurred on March 31, 1997. Field planning for the 1997 drilling continued. The readiness review for the tracer study was completed.

\* TA-16-260 260 RFI Report NOD (MA3D-5191) - No activity on this, because the NOD has not been received.

\* TA-16-260 Field Campaign (MA3C-5063) - The data from the Fall 1996 field campaign was prepared for uploading into FIMAD. Field planning for the 1997 drilling at TA-16-260 continued. Preparation of the Fall 1996 260 Drilling Field Summary Report was continued. The well in borehole 16-2700 ha not produced water.. Group ESH-20 informed us that the drilling campaign would be delayed until May 1, because a threatened and endangered species was

discovered in the Canon near the site of this activity. The readiness review for the summer field campaign was completed

\* TA-16 CMS Plan (MA35-5130) - No activity completed.

\* TA-16 CMS B&P(MA36-5131) The NOI was completed and submitted. We have not yet heard from the regulators on this NOI.

\* TA-16 FY 95 Field Campaign RFI Report (MA3D-5190) The rough draft of this document was completed and provided to the FU 3 editor for review.

\* TA-16 Interim actions (MA3T-5190) - No activities occurred.

\* TA-16 Sample Group 1-8 VCAs (MA3V-5190) - VCA planning and NEPA documentation were continued. The ESH-ID questionnaire (NEPA) for these PRS was completed.

\* TA-16 V-Site VCAs (MA3V-5093) - The VCA plan was formally submitted to DOE/LAAO. Copies were also provided informally to the regulators. The regulators indicated that this VCA merited a higher degree of scrutiny than most other cleanup actions, so they indicated that it should be pursued as a Voluntary Corrective Measure (VCM). The VCA plan was reformatted and submitted formally to the regulators as a VCM. A public meeting to discuss this VCM was held on March 26, 1997. The Health and Safety plan, Characterization Strategy Form, Storm Water Pollution Prevention Plan, and excavation permit were completed. The readiness review was completed.

Sampling locations were marked at Building TA-16-27, The field database for

Reporting Period: 3/1997

ADS/TTP #: ALLA-2003- -

WBS #: 1.4.2.6.1.3

Narrative (Continued):

all V-site activities was completed.

\* TA-33 SG3/4 RFI Report (MA3D-5105) - Review comments on draft report were received from DOE/LAAO.

\* TA-33 SG3/4 fieldwork (MA3C-5080) - The field summary report was continued. Seventeen drums of low-level radioactive soil was picked up and transported to TA-54. Two drums of low-level radioactive liquid waste were picked up at transported to TA-50. One drum of NM Special Waste soil and 4 drums of NM Special Waste plastic and rags were picked by Rollins for landfilling. The inventory was completed. TA-33-008(c) NOD response was submitted on time.

\* TA-33 Chaquehui IA Report (MA3T-5081) - Report was completed.

\* ADS Management (MA-31-5007, MA3R-5007) - The FU 3 database was updated. FY 98 baseline planning was continued. Annual procedural training was completed.

4. Cost Status:

Cost Performance Report:

Current Period: \$(63)K, or -63%

FY to Date: \$(503)K, or -38%

CURRENT PERIOD

Because of the potential presence of a breeding endangered species, work scheduled at the 260 outfall was not performed in the current period. Actual costs reported on this activity during the current period is from previous periods and were made by cost corrections. The RFI field work variance in the current period is \$(35)K because of the cost corrections. There is a \$(17)K variance in management expenses for the current period. There has been a significant time commitment by the FPL to programmatic issues in addition to management of FU.

YTD variances are as follows:

100K for the 260 drilling. The 260 drilling took longer than anticipated in the fall field campaign.

68K of cost variance is in management. There has been a significant time commitment by the FPL to programmatic issues in addition to management of FU.

38K of cost variance attributable to demobilizing expense at TA-33.

\$270K for FY96 cost which exceeded anticipated carry-over charges in cost corrections for earlier months processed in March.

5. Schedule Status:

Schedule Performance Report:

Current Period: \$(123)K, or -55%

FY to Date: \$(146)K, or -10%

The current period schedule variance in fieldwork relates to delays at the 260 outfall. The delays are due to weather and threatened and endangered species.

The YTD schedule variances are:

100K for the 260 outfall (as mentioned above),

35K for V-Site and the TA-33 VCAs. Planning for the TA-33 VCA's has been delayed due to changing priorities. Start of fieldwork at V site is one behind schedule.

6. Technical Status:

Quarterly sampling of surface and spring waters in Canyon de Valle was initiated.

7. Major Accomplishments:

October 1996

Successfully 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.

Reporting Period: 3/1997

ADS/TTP #: ALLA-2003- -

WBS #: 1.4.2.6.1.3

Narrative (Continued):

-----  
January 1997

Notice of Determination response was completed.

February 1997

NMED provided tour of V-Site VCA sites.

March 1997

33-008(c) NOD response prepared and submitted on time.

TA-16 V-Site VCA/VCM Plan submitted to DOE/LAAO and regulators.

DATE PRINTED: 04/18/1997

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Reporting Period: 3/1997

ADS/TTP #: ALLA-2003- -

WBS #: 1.4.2.6.1.3

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PROJECT MANAGER'S RATINGS

No ratings available.

Reporting Period: 3/1997

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 3/97	Prelim. Obl YTD	FIS Cost YTD 3/97	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	1,356	0	1,205	0	0	0	0
OE EW2010302	0	149	0	149	167	0	1,127	0	0	0	0
Totals:	1	196	0	197	1,523	0	2,332	0	0	0	0

(Preliminary actuals as of July/96; Actuals as of March/97.)

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	459	370	0	812	-89	-442	1,563	1,181	1,303	-382	-122
2	305	252	0	533	-53	-281	1,868	1,433	1,836	-435	-403
3	331	328	0	496	-3	-168	2,199	1,761	2,332	-438	-571
4	422	---	---	---	---	---	---	---	---	---	---
5	433	---	---	---	---	---	---	---	---	---	---
6	379	---	---	---	---	---	---	---	---	---	---
7	398	---	---	---	---	---	---	---	---	---	---
8	299	---	---	---	---	---	---	---	---	---	---
9	573	---	---	---	---	---	---	---	---	---	---
	<u>4,703</u>	<u>1,761</u>	<u>0</u>	<u>2,332</u>	<u>-438</u>	<u>-571</u>					

Reporting Period: 3/1997

ADS/TTP #: ALLA-2004- -

WBS #: 1.4.2.6.1.4

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

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

ACWP	BCWP	BCWS
28,843	28,843	28,843

FY98	FY99	FY00	FY01	FY02
5,877	8,324	8,725	9,027	7,990

TOTAL PROJECT PLAN

BAC	91,770	Budgeted Mgmt Reserve	0
EAC	91,770	Remaining Mgmt Reserve	0
TEC	0	Planning Contingency	0
TPC	91,770	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	Overdue	03/28/1997	/ /	/ /		0

COMMENT:

\*\* This report has been changed into a Sampling Analysis Plan. As a SAP, it is no longer important enough to appear in PTS, and will not appear in next month's report.

1	TA-48 FINISH RAD ADDENDUM/NOD REPORT	On Schedule	07/16/1997	/ /	/ /		0
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COMMENT:

On schedule.

1	"ALPHA" RAD ADDENDUM FINISH	On Schedule	08/28/1997	/ /	/ /		0
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COMMENT:

Reporting Period: 3/1997

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-48 SUBMITTAL TO AA	On Schedule	09/30/1997	/ /	/ /	CAT3	0
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COMMENT:

On schedule.

1	"CHARLIE" RAD ADDENDUM FINISH	On Schedule	10/10/1997	/ /	/ /		0
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COMMENT:

On schedule.

1	TA-35 FINISH RFI REPORT	Forecast Delay	11/12/1997	04/06/1998	/ /	CAT2	0
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COMMENT:

This Milestone is delayed due to extensive comments during the review process. Comments are currently being incorporated.

1	"DELTA" RAD ADDENDUM FINISH	On Schedule	12/10/1997	/ /	/ /		0
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COMMENT:

On schedule.

1	TA-4: ISSUE NFA REPORT	On Schedule	04/10/1998	/ /	/ /	CAT3	0
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Reporting Period: 3/1997

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-5 FINISH NFA REPORT	On Schedule	05/05/1998	/ /	/ /	CAT3	0
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COMMENT:

On schedule.

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

\*\* This report has been changed into a Sampling Analysis Plan. As a SAP, it is not important enough to appear in PTS, and will not appear in next month's report.

1	TA-52/63 FINISH NFA RFI REPORT	On Schedule	05/18/1998	/ /	/ /	CAT3	0
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COMMENT:

On schedule.

NARRATIVE

Narrative

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1. Significant Problems/Issues/Concerns:

Access agreements have prevented field work in the canyons. The TA-48 analytical results have been delayed.

2. Corrective Action:

Schedule/Technical

Access agreements will be signed in April. TA-48 field work has resumed and analytical results are expected late April.

3. Summary Assessment:

Reporting Period: 3/1997

ADS/TTP #: ALLA-2004- -

WBS #: 1.4.2.6.1.4

Narrative (Continued):

Fieldwork is in progress at TA-35 and TA48, Canyons fieldwork affected by delays in access agreements will resume once signatures are obtained. FY97 projected EAC for FU4 is \$5,050K.

January 1997

February 1997

March 1997

Submitted the Canyons Core Document

4. Cost Status:

Cost Performance Report:

Current Period: \$ (168)K, or -51%

FY to date: \$ (571)K, or -32%

Current Period variance reflects March accrual error. \$111K was recorded twice. 20K was from review of the TA-35 SAP. Approximately \$250K of FY96 analyticals were costed during 2nd quarter.

5. Schedule Status:

Cost Performance Report

Current Period: \$ (3)K, or -1%

FY to Date: \$ (438)K, or -20 %

TA-48 analytical results delayed due to harsh weather conditions delaying fieldwork.(\$59K) Canyon reaches delayed due to access agreement delays.(\$53K) TA-35 formal review delays.(\$253K)

6. Technical Status:

N/A

7. Major Accomplishments:

October 1996

Issued TA-48 SAP

November 1996

December 1996

DATE PRINTED: 04/18/1997

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Reporting Period: 3/1997

ADS/TTP #: ALLA-2004- -

WBS #: 1.4.2.6.1.4

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PROJECT MANAGER'S RATINGS

No ratings available.

Reporting Period: 3/1997

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 3/97	Prelim. Obl YTD	FIS Cost YTD 3/97	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	469	0	1,555	0	0	0	0	
OE EW2010302	0	117	0	117	847	0	189	0	0	0	0	
OE EW2010304	0	0	0	0	71	0	0	0	0	0	0	
Totals:	0	201	0	201	1,387	0	1,744	0	0	0	0	

(Preliminary actuals as of July/96; Actuals as of March/97.)

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	475	292	0	466	-183	-174	1,384	826	901	-558	-75
2	530	264	0	489	-266	-225	1,914	1,090	1,390	-824	-300
3	463	274	0	354	-189	-80	2,377	1,364	1,744	-1,013	-380
4	405	---	---	---	---	---					
5	402	---	---	---	---	---					
6	349	---	---	---	---	---					
7	263	---	---	---	---	---					
8	195	---	---	---	---	---					
9	218	---	---	---	---	---					
	<u>4,209</u>	<u>1,364</u>	<u>0</u>	<u>1,744</u>	<u>-1,013</u>	<u>-380</u>					

Reporting Period: 3/1997

ADS/TTP #: ALLA-2005- -

WBS #: 1.4.2.6.1.5

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

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

ACWP	BCWP	BCWS
39,670	39,670	39,670

FY98	FY99	FY00	FY01	FY02
5,736	5,738	6,194	6,650	10,769

TOTAL PROJECT PLAN

BAC	119,829	Budgeted Mgmt Reserve	0
EAC	119,829	Remaining Mgmt Reserve	0
TEC	0	Planning Contingency	0
TPC	119,829	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
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COMMENT:  
Completed.

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

Reporting Period: 3/1997

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	TA09: MDA M AA APPROVES EC REPORT EC REP	Overdue	12/05/1996	04/01/1997	/ /		0
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COMMENT:

DOE/LAAO has delayed signature approval of this report since its submittal in CY 1997.

1	TA54: MDA L(DRILL)AA DRFT RFI REP COMPLT RFI PH1	Overdue	12/19/1996	04/02/1997	/ /		0
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COMMENT:

Report is nearly complete. Screening and risk assessment applications are being reassessed.

1	TA54: MDA G SURF SOIL AA DRFT RFI REP COMPLT PH1	Overdue	12/19/1996	04/29/1997	/ /	CAT1	0
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COMMENT:

Resource availability delayed the start of this activity. Draft report is in internal review. We anticipate no fines or Notices of Violation on account of this milestone slip.

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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Reporting Period: 3/1997

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:

Completed.

1	TA50: TEN SITE CANYON AA DRAFT COMPLETE IA	Overdue	03/05/1997	07/24/1997	/ /		0
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## COMMENT:

Delayed by completion of verification sampling. Bad weather and revisiting site for cleanups prolonged field activities.

1	TA49: BOTTLE HOUSE AA DRAFT COMPLETE VCA	Overdue	03/14/1997	06/26/1997	/ /		0
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## COMMENT:

Restrained by completion of preparation for VCA cleanup. The completion of the prep work is delayed by the approval of the VCA Plan, which is in LANL/DOE review.

1	TA22: EXPLOSIVE SUMPS AA DRAFT COMPLETE VCA	Forecast Delay	04/22/1997	09/10/1997	/ /		0
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## COMMENT:

Restrained by completion of VCA plan. The VCA plan is restrained by completion of the Sampling and Analysis Plan.

1	TA54: MDA G SRF WTR AA DRFT REPRT COMPLT RFI PH1	Forecast Delay	04/28/1997	07/30/1997	/ /	CAT2	0
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## COMMENT:

The start of the report had been delayed by completion of the data management activity, due to lack of available resources. We anticipate no Notices of Violation or fines on account of this milestone slip.

1	TA50: TEN SITE CANYON DOE APPROVES IA REPORT IA	Forecast Delay	05/06/1997	09/25/1997	/ /		0
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## COMMENT:

Reporting Period: 3/1997

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.)

DOE has not approved this report because it has not yet been delivered.

1	TA49: AREA 2/COLD CORING AA DRAFT REPT CMPLT PH1	Forecast Delay	05/15/1997	10/09/1997	/ /	CAT2	0
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COMMENT:

Due to lack of available resources to start the predecessor activity, this milestone will be rescheduled for the fourth quarter (Q4) of FY 97.

1	TA49: BOTTLE HOUSE DOE APPROVES VCA REPORT VCA	Forecast Delay	05/15/1997	08/28/1997	/ /		0
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COMMENT:

VCA Report has not been started. VCA Activity to start in late April.

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

On schedule.

1	TA22: XPLSV SEEPG PITS AA DRAFT COMPLETE VCA	Forecast Delay	05/19/1997	10/16/1997	/ /		0
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COMMENT:

Restrained by completion of VCA cleanup plan. The VCA cleanup plan is restrained by completion of a sampling and analysis plan. After sampling and analysis, cleanup may not be necessary.

1	TA54: MDA G AIR SAM AA DRFT REPRT COMPLT RFI PH1	On Schedule	05/29/1997	/ /	/ /	CAT3	0
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Reporting Period: 3/1997

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)AA DRFT REP CMPLT RFI	On Schedule	05/29/1997	/ /	/ /	CAT3	0
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COMMENT:

On schedule.

1	TA22: EXPLOSIVE SUMPS DOE APPROVES VCA REPRT VCA	Forecast Delay	06/24/1997	11/13/1997	/ /		0
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COMMENT:

Activity and report not completed due to lack of resources.

1	TA22: XPLSV SEEPG PITS DOE APPROVES VCA REPT VCA	Forecast Delay	07/22/1997	12/22/1997	/ /		0
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COMMENT:

Report not completed due to delay in field activity.

1	TA49: AREA 1,3-6,10-12 AA DRAFT REPRT COMPLT PH1	On Schedule	07/29/1997	/ /	/ /	CAT3	0
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COMMENT:

On schedule.

1	TA49: AREA 2(PAD) AA DRAFT COMPLETE IA	Forecast Delay	08/26/1997	12/24/1997	/ /		0
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COMMENT:

MILESTONE REPORT Continued

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

Restrained by completion of the Interim Action Plan. The completion of the plan has been restrained by need for resources. Expected to start 3rd or 4th quarter of FY 97.

1	TA49: AREA 2(PAD) DOE APPROVES VCA REPORT IA	Forecast Delay	10/29/1997	03/03/1998	/ /		0
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COMMENT:

IA Report not delivered to DOE due to lack of resources. Expect finish during fourth quarter (Q4) of FY 97.

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	TA08: 9,40 SOIL SAM AA DRAFT REPRT CMPLT RFI REP	On Schedule	01/30/1998	/ /	/ /	CAT3	0
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COMMENT:

On schedule.

1	TA57: BURNS SWALE AA DRAFT COMPLT RFI PH2	On Schedule	03/02/1998	/ /	/ /		0
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COMMENT:

On schedule.

1	TA54: MDA G(DRILL) AA DRFT RFI REP COMPLT RFI PH1	On Schedule	03/16/1998	/ /	/ /	CAT3	0
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Reporting Period: 3/1997

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	04/07/1998	/ /	/ /	CAT3	0
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## COMMENT:

On schedule.

1	TA57: BURNS SWALE AA APPROVES RFI REPORT RFI PH2	On Schedule	05/01/1998	/ /	/ /	CAT3	0
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## COMMENT:

On schedule.

1	TA06: BLD SITES SOIL SAM AA DRAFT CMPLT RFI PH1	On Schedule	05/18/1998	/ /	/ /	CAT3	0
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## COMMENT:

On schedule.

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

On schedule.

1	TA6: ,8,9,22,51,54 SEP TNKS AA DRAFT COMPLET VCA	On Schedule	06/16/1998	/ /	/ /		0
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## COMMENT:

MILESTONE REPORT Continued

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

On schedule.

1	TA08: MDA Q DOE APPROVES VCA REPORT VCA	On Schedule	07/29/1998	/ /	/ /		0
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COMMENT:

On schedule.

1	TA6: ,8,9,22,51,54 SEP TNKS DOE APVS VCA REP VCA	On Schedule	08/18/1998	/ /	/ /		0
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COMMENT:

On schedule.

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

On schedule.

1	TA57: SLUDGE DSPOSL PIT DOE DRAFT COMPLETE VCA	On Schedule	09/23/1998	/ /	/ /	CAT3	0
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COMMENT:

On schedule.

Reporting Period: 3/1997

ADS/TTP #: ALLA-2005- -

WBS #: 1.4.2.6.1.5

## Narrative

## NARRATIVE

## 1. Significant Problems/Issues/Concerns:

Start and completion of data assessment activities due to lack of available resources (ICF Kaiser). Difficulty in removing the SEAmist membrane from borehole 54-1006 at TA54 MDA L (ERM).

## 2. Corrective Action:

Rig availability was delayed until April to remove the membrane from the boreholes. Activities delayed by lack of available resources will be rescheduled in the new replan. Other resources will be identified in April/May to accomplish remaining Fy97 activities.

## 3. Summary Assessment:

Pilot activities characterizing air flow beneath mesita del buoy continue to define the effects of atmospheric pressure variations. Other characterization activities are slowed by lack of resource availability, but continue at a reduced pace. RFI Reports on major MDA's (L,G) may be recast as status reports, and await completion of all pathways characterization.

## 4. Cost Status:

## Cost Performance Report:

Current Period: \$(80)K, or -29%

FY-to-Date: \$(380)K, or -28%

Costs reflect a \$95K accrual error. In addition, \$50K in resource costs were not baselined, and a BCP will be submitted to correct this problem. Additional field preparation and re-sampling cost of approximately \$85K contribute to the variance. Under reported earned value contributed \$50K to the cost variance.

## 5. Schedule Status:

## Cost Performance Report:

Current Period: \$(189)K, or -41%

FY-to-Date: \$(1,013)K, or -43%

Variance in the schedule continues to be caused by startup delays and resource availability issues. \$487K of this variance is due to insufficient sample analysis data. A limited SAP has been developed and we expect to execute upon approval. This will be addressed in a BCP or the replan if the proposed VCAs are impacted.

## 6. Technical Status:

Analysis continues to suggest that passive extraction will play a role in remediation at MDA L. FY97 EAC for FU5 is \$4,400K.

## 7. Major Accomplishments:

October 1996

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

\* Life-cycle Baseline Change Proposal finalized.

November 1996

\* 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.

January 1997

None to report.

February 1997

DATE PRINTED: 04/18/1997

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Narrative (Continued):

-----  
Completed development of part two of the RFI Report for TA06,07,08,09 and  
22.

March 1997

None to report.

DATE PRINTED: 04/18/1997

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Page: 51

Reporting Period: 3/1997

ADS/TTP #: ALLA-2005- -

WBS #: 1.4.2.6.1.5

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PROJECT MANAGER'S RATINGS

No ratings available.

Reporting Period: 3/1997

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 3/97	Prelim. Obl YTD	FIS Cost YTD 3/97	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	742	0	0	0	0	
OE EW2010302	0	0	0	0	0	0	0	0	0	0	0	
OE EW2010402	0	0	0	0	1,204	0	0	0	0	0	0	
Totals:	0	71	0	71	1,204	0	742	0	0	0	0	

(Preliminary actuals as of July/96; Actuals as of March/97.)

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	75	197	0	335	122	-138	760	532	597	-228	-65
2	199	25	0	169	-174	-144	959	557	766	-402	-209
3	127	46	0	-24	-81	70	1,086	603	742	-483	-139
4	94	---	---	---	---	---		---	---	---	---
5	380	---	---	---	---	---		---	---	---	---
6	691	---	---	---	---	---		---	---	---	---
7	612	---	---	---	---	---		---	---	---	---
8	608	---	---	---	---	---		---	---	---	---
9	607	---	---	---	---	---		---	---	---	---
	<u>4,078</u>	<u>603</u>	<u>0</u>	<u>742</u>	<u>-483</u>	<u>-139</u>					

Reporting Period: 3/1997

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
8,382	8,382	8,382	5,284	3,729	1,077	0	0

TOTAL PROJECT PLAN

BAC	22,551	Budgeted Mgmt Reserve	0
EAC	22,551	Remaining Mgmt Reserve	0
TEC	0	Planning Contingency	0
TPC	22,551	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.

1	TA-53: START FIELD ACTIVITIES	Overdue	02/06/1997	05/19/1997	/ /	CAT1	0
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COMMENT:

Beginning of field activities has been delayed by bad weather. This milestone may be transferred to Field Unit 2. If it is, it will not appear under this ADS next reporting period.

NARRATIVE

Narrative

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Reporting Period: 3/1997

ADS/TTP #: ALLA-2006- -

WBS #: 1.4.2.6.1.6

## Narrative (Continued):

## 1. Significant Problems/Issues/Concerns:

All activity at MDA-P has been suspended until modification of the SSHASP and development of approved plans to manage the HE contamination found at the site are complete. MDA-P is within potential habitat for endangered species (Mexican Spotted Owl). Field activity is also suspended until surveys for nesting pairs of these owls are completed.

## 2. Corrective Actions:

N/A

## 3. Summary Assessment:

MDA-P Closure: A Task Order to modify the SSHASP and approved plans for the remaining pre-mobilization activities is being placed. Selection of the Closure Implementation contractor has resumed.

TA-53 Closure: The Closure Plan is ready for final submittal to NMED pending the determination of the closure status by NMED. Weekly inspections of the geotextile liner in the north impoundments continued. There is no evidence of deterioration or disturbance.

## 4. Cost Status:

## Cost Performance Report:

Current Period: \$70K, or 152%

FY to Date: \$(139)K, or -23%

The cumulative out-of-threshold negative cost variance is, in part, the result of \$(47.9)K of delayed FY96 sub-contractor billing for the TA-35 Closure Report, \$(10)K of over accruals in the current month for the TA-53 subcontract effort, \$(16)K of unclaimed performance on the TA-53 Data Evaluation task, \$(34.2)K of the MDA-P Hydrology Baseline Sampling activity that was omitted from the baseline, and \$(5.5)K due to the re-activation of the MDA-P Contractor Implementation re-evaluation team.

## 5. Schedule Status:

## Cost Performance Report:

Current Period: \$(81)K, or -64%

FY to Date: \$(483)K, or -44%

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 plans for the remaining pre-mobilization activities are approved, LANL will proceed with caution. In addition, due to weather delays and uncertainty of closure status for TA-53, the start of field work at the TA-53 North Lagoons has slipped for at least 6 weeks. Status determination is expected at the end of April. The following is a breakdown of the cumulative schedule slips of both TA-16 and TA-53: Construction of Evaporation Ponds (146.3)K, Construction of Replacement Burn Pad (81.4)K, Construction of East Lobe Runoff Control (46.7)K, Obtain Regulatory Permits for MDA-P (41.6)K, Sample Analysis of North Lagoons (79.6)K, Development of East Lobe Safety Plan (20.6)K, MDA-P Closure Plan Modification (28.3)K, Subsurface Sampling of North Lagoons (12.8)K.

## 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. The Closure Implementation Contract Evaluation Team has met with selected bidders. Best And Final Offers will be provided in the next few weeks.

TA-53: Comments on the closure plan for the south impoundment were received and the document revised. Sampling of the influent and effluent lines is being delayed pending determination of the closure status of all three surface impoundments.

Reporting Period: 3/1997

ADS/TTP #: ALLA-2006- -

WBS #: 1.4.2.6.1.6

Narrative (Continued):

-----  
7. Major Accomplishments:

November 1996

Decontamination Pad construction completed.

January 1997

"Biological and Water Quality Assessments for the MDA-P Project Area: 1995 & 1996" report completed.

February 1997

MDA-P Closure Plan Approved by NMED.

DATE PRINTED: 04/18/1997

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Reporting Period: 3/1997

ADS/TTP #: ALLA-2006- -

WBS #: 1.4.2.6.1.6

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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
	<u>4,939</u>	<u>3,416</u>	<u>0</u>	<u>3,113</u>	<u>-621</u>	<u>303</u>					
-----PRIOR YEARS COSTS-----			-----OUT YEAR COSTS-----								
ACWP	BCWP	BCWS			FY98	FY99	FY00	FY01	FY02		
32,877	32,877	32,877			5,943	5,850	7,121	7,127	7,448		

TOTAL PROJECT PLAN

BAC	115,506	Budgeted Mgmt Reserve	0
EAC	115,506	Remaining Mgmt Reserve	0
TEC	0	Planning Contingency	0
TPC	115,506	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: 3/1997

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	04/07/1997	/ /		0
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COMMENT:

Milestone completion delayed due to the contractor's lack of resources on the job.

1	TA-35: COMP' TE PHASE 3/BLDG 3 TANK REMOVAL ACT'S	Overdue	11/20/1996	04/25/1997	/ /		0
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COMMENT:

Milestone completion delayed due to the contractor's lack of resources on the job.

1	TA-16: TASK ORDER AWARDED - SUBPROJECT 4	Overdue	12/31/1996	04/14/1997	/ /		0
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COMMENT:

Delay due to increased time to prepare bid package and increased time to coordinate with Field Unit #3.

1	TA-21: BUILDINGS NPB 3 & 4 DEMOLITION COMPLETE	Overdue	02/26/1997	05/28/1997	/ /		0
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Reporting Period: 3/1997

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 delayed by lack of contractor's lack of resources on project.

1	TA-35: PROJECT DECOMMISSIONING COMPLETED	On Schedule	06/23/1997	/ /	/ /		0
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## COMMENT:

On schedule.

1	TA-16: COMPLETE PROCESS FACILITIES D&D	Forecast Delay	07/07/1997	10/01/1997	/ /		0
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## COMMENT:

Delay due to increased time to prepare bid package and increased time to coordinate with Field Unit #3.

1	TA-16: BEGIN MFG. FACILITIES/STORAGE MAGS D&D	Forecast Delay	07/08/1997	10/02/1997	/ /		0
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## COMMENT:

Delay due to increased time to prepare bid package and increased time to coordinate with Field Unit #3.

1	TA-16: TASK ORDER AWARDED - SUBPROJECT 5	Forecast Delay	07/08/1997	10/01/1997	/ /		0
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## COMMENT:

Delay due to increased time to prepare bid package and increased time to coordinate with Field Unit #3.

1	TA-33: BEGIN BUILDING DEMOLITION AT TA-33	On Schedule	10/01/1997	/ /	/ /		0
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## COMMENT:

Reporting Period: 3/1997

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	Forecast Delay	01/30/1998	04/28/1998	/ /		0
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COMMENT:

Delay due to increased time to prepare bid package and increased time to coordinate with Field Unit #3.

1	TA-16: BEGIN GUARD STATION RESTORATION	Forecast Delay	02/02/1998	04/29/1998	/ /		0
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COMMENT:

Delay due to increased time to prepare bid package and increased time to coordinate with Field Unit #3.

1	TA-16: TASK ORDER AWARDED - SUBPROJECT 6	Forecast Delay	02/02/1998	04/28/1998	/ /		0
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COMMENT:

Delay due to increased time to prepare bid package and increased time to coordinate with Field Unit #3.

1	TA-16: COMPLETE GUARD STATION RESTORATION	Forecast Delay	04/27/1998	07/24/1998	/ /		0
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COMMENT:

Delay due to increased time to prepare bid package and increased time to coordinate with Field Unit #3.

Reporting Period: 3/1997

ADS/TTP #: ALLA-3001- -

WBS #: 1.4.2.6.2.1

## NARRATIVE

## Narrative

## 1. Significant Problems/Issues/Concerns:

## 2. Corrective Action:

## 3. Summary Assessment:

TA-16

Contractor selection is in progress for the remaining 10 HE buildings.

TA-35

Mixed waste shipment to the WERF incinerator is now scheduled for April 1997. Backfill, soil compaction and final grading are in progress. All waste has been removed from the site.

## 4. Cost Status:

## Cost Performance Report:

Current Period \$(446)K, or -153%

FY-to-Date: \$303K, or 9%

The cumulative FY97 to date cost variance is +8.9%. The majority of which, is a result of delayed progress and the P30 set-aside fees, which were again charged at the wrong rate and in some cases, the wrong quantities this month. The difference between the correct and incorrect rates and quantities will be credited to Decommissioning in the future.

TA-16

The cumulative Project Support cost variance for TA-16 is a positive (underrun) \$+81K. Resources are being focused to other areas due to schedule delays. A negative (overrun) of \$-33K reflects more work than expected by Merrick producing the working drawings. There is a Procurement positive (underrun) of \$+101K due to work performed and not invoiced. There is also a Dismantlement negative (overrun) of \$-28K due to previous year invoices

TA-21

The cumulative Project Support cost variance for TA-21 is a positive

(underrun) \$+70K. Resources are being focused to other areas due to schedule delays. The Procedure Preparation variance of a negative (overrun) \$-46K is due to miscoded charges from ESH, P30 tax and others. These mischarges will be moved to their proper charge codes. The Waste Disposal variance is a negative (overrun) \$-331K due to incorrect P30 charges. Dismantlement is a positive (underrun) \$+275K due to unbooked costs. Health Physics is a negative (overrun) \$-59K due to continued site monitoring and schedule delays. Restoration is a positive (underrun) \$+68K due to schedule delays.

TA-35

The cumulative Project Support cost variance for TA-35 is a positive (underrun) \$+44K. Resources are being focused to other areas due to schedule delays. The Waste Disposal variance is a positive (underrun) \$+106K due to lowered disposal costs. Dismantlement is a negative (overrun) \$-24K due to unbooked costs. Health Physics is a negative (overrun) \$-115K due to extended dismantlement time

## Project Management

The cumulative Program Direction cost variance is a positive (underrun) \$+100K, and the Document Review cost variance is a positive (underrun) \$+71K. Resources are being focused to other areas due to schedule delays.

## 5. Schedule Status:

## Cost Performance Report:

Current Period: \$58K, or 25%

FY-to-Date: \$(621)K, or -15%

The cumulative FY97 to date schedule variance is -15.4%. This is variance is expected to diminish in future reporting periods as TA-35 is completed and TA-16 fieldwork activities commence.

TA-16

The cumulative Project Support variance is approximately 2 months or, a negative \$-73K behind schedule. The BOA contractors' bids have been received and an award of contract is expected by the end of the month.

Reporting Period: 3/1997

ADS/TTP #: ALLA-3001- -

WBS #: 1.4.2.6.2.1

Narrative (Continued):

-----  
Decontamination is a negative \$-41K, Waste Disposal is negative a \$-23K, Dismantlement is negative a \$-46K, and Health Physics is a negative \$-26K behind schedule all due to schedule delays.

TA-21

The cumulative Project Support variance for TA-21 is a negative \$-268K behind schedule due to schedule delays. Waste Disposal is a negative \$-86K behind schedule, and Dismantlement a \$-11K behind schedule due to resources being focused to other areas where there are requirements also. Resource delays may continue on this project while re-prioritization continues.

TA-35

The cumulative Dismantlement variance is a negative \$-15K behind schedule and the Closeout is a negative \$-24K behind schedule both due to schedule delays during backfilling and compaction.

6. Technical Status:

TA-35

Soil cleanup is complete and the final release survey will commence as soon as backfilling is complete.

7. Major Accomplishments:

October 1996

Building 7 footprint soil cleanup completed.

DATE PRINTED: 04/18/1997

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Reporting Period: 3/1997

ADS/TTP #: ALLA-3001- -

WBS #: 1.4.2.6.2.1

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PROJECT MANAGER'S RATINGS

No ratings available.



Reporting Period: 3/1997

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	927	---	---	---	---	---	---	---	---	---	---
	<u>10,262</u>	<u>4,313</u>	<u>0</u>	<u>5,324</u>	<u>1</u>	<u>-1,011</u>					
-----PRIOR YEARS COSTS-----			-----OUT YEAR COSTS-----								
ACWP	BCWP	BCWS		FY98	FY99	FY00	FY01	FY02			
77,524	77,524	77,524		10,826	11,017	10,742	10,226	8,386			

TOTAL PROJECT PLAN

BAC	155,561	Budgeted Mgmt Reserve	1,298
EAC	155,561	Remaining Mgmt Reserve	1,298
TEC	0	Planning Contingency	0
TPC	155,561	Remaining Contingency	0
		Planned R & U	0
		Remaining R & U	0

MILESTONE REPORT

LEV	TITLE	STATUS	PLANNED	FORECAST	ACTUAL	MILE CATEGORY	FLOAT
1	BIPR SUBMITTED - 4TH QUARTER	Completed	10/18/1996	/ /	10/25/1996	CAT1	0

COMMENT:  
Completed.

1	BASELINE INSTALLATION PROGRESS RPT (BIPR)	Completed	10/18/1996	/ /	10/25/1996	CAT1	0
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COMMENT:

Reporting Period: 3/1997

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	September PTS Report Submitted	Completed	10/24/1996	/ /	10/24/1996		0
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COMMENT:

Completed.

1	Issue Final IWP Update	Completed	11/19/1996	/ /	12/20/1996	CAT1	0
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COMMENT:

Completed.

1	October PTS Report Submitted	Completed	11/22/1996	/ /	11/27/1996		0
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COMMENT:

Completed.

1	November PTS Report Submitted	Completed	12/20/1996	/ /	12/18/1996		0
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COMMENT:

Completed.

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

Reporting Period: 3/1997

ADS/TTP #: ALLA-2107- -

WBS #: 1.4.2.6.3.7

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

Completed.

1	BASELINE INSTALLATION PROGRESS RPT (BIPR)	Completed	01/20/1997	/ /	01/23/1997	CAT1	0
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## COMMENT:

Completed.

1	BIPR SUBMITTED - 1ST QUARTER	Completed	01/22/1997	/ /	01/23/1997	CAT1	0
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## COMMENT:

Completed.

1	December PTS Report Submitted	Completed	01/24/1997	/ /	01/22/1997		0
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## COMMENT:

Completed.

1	January PTS Report Submitted	Completed	02/21/1997	/ /	02/21/1997		0
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## COMMENT:

Completed.

1	February PTS Report Submitted	Completed	03/21/1997	/ /	03/20/1997		0
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## COMMENT:

Reporting Period: 3/1997

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	Completed	03/31/1997	/ /	02/14/1997	CAT3	0
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COMMENT:

Completed.

1	BIPR SUBMITTED - 2ND QUARTER	On Schedule	04/22/1997	/ /	/ /	CAT3	0
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COMMENT:

On schedule.

1	March PTS Report Submitted	On Schedule	04/24/1997	/ /	/ /		0
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COMMENT:

On schedule.

1	April PTS Report Submitted	On Schedule	05/23/1997	/ /	/ /		0
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COMMENT:

On schedule.

1	May PTS Report Submitted	On Schedule	06/24/1997	/ /	/ /		0
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Reporting Period: 3/1997

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

On schedule.

1	BIPR SUBMITTED - 3RD QUARTER	On Schedule	07/22/1997	/ /	/ /	CAT3	0
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## COMMENT:

On schedule.

1	June PTS Report Submitted	On Schedule	07/24/1997	/ /	/ /		0
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## COMMENT:

On schedule.

1	July PTS Report Submitted	On Schedule	08/22/1997	/ /	/ /		0
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## COMMENT:

On schedule.

1	Submit FY98 Replan to DOE	On Schedule	09/02/1997	/ /	/ /		0
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## COMMENT:

Reporting Period: 3/1997

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	August PTS Report Submitted	On Schedule	09/24/1997	/ /	/ /		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	BIPR SUBMITTED - 4TH QUARTER	On Schedule	10/20/1997	/ /	/ /	CAT3	0
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COMMENT:

On schedule.

1	September PTS Report Submitted	On Schedule	10/20/1997	/ /	/ /		0
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COMMENT:

On schedule.

1	Issue Final IWP Update	On Schedule	11/19/1997	/ /	/ /	CAT3	0
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Reporting Period: 3/1997

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	October PTS Report Submitted	On Schedule	11/21/1997	/ /	/ /		0
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## COMMENT:

On schedule.

1	November PTS Report Submitted	On Schedule	12/18/1997	/ /	/ /		0
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## COMMENT:

On schedule.

1	4th Quarter Report Submitted	On Schedule	12/31/1997	/ /	/ /	CAT3	0
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## COMMENT:

On schedule.

1	BIPR SUBMITTED - 1ST QUARTER	On Schedule	01/20/1998	/ /	/ /	CAT3	0
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## COMMENT:

On schedule.

1	December PTS Report Submitted	On Schedule	01/22/1998	/ /	/ /		0
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## COMMENT:

Reporting Period: 3/1997

ADS/TTP #: ALLA-2107- -

WBS #: 1.4.2.6.3.7

## MILESTONE REPORT Continued

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

On schedule.

1	January PTS Report Submitted	On Schedule	02/19/1998	/ /	/ /		0
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COMMENT:

On schedule.

1	February PTS Report Submitted	On Schedule	03/19/1998	/ /	/ /		0
---	-------------------------------	-------------	------------	-----	-----	--	---

COMMENT:

On schedule.

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

COMMENT:

On schedule.

1	BIPR SUBMITTED - 2ND QUARTER	On Schedule	04/20/1998	/ /	/ /	CAT3	0
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COMMENT:

On schedule.

1	March PTS Report Submitted	On Schedule	04/20/1998	/ /	/ /		0
---	----------------------------	-------------	------------	-----	-----	--	---

Reporting Period: 3/1997

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	April PTS Report Submitted	On Schedule	05/20/1998	/ /	/ /		0
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## COMMENT:

On schedule.

1	May PTS Report Submitted	On Schedule	06/18/1998	/ /	/ /		0
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## COMMENT:

On schedule.

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

## COMMENT:

On schedule.

1	BIPR SUBMITTED - 3RD QUARTER	On Schedule	07/20/1998	/ /	/ /	CAT3	0
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## COMMENT:

On schedule.

1	June PTS Report Submitted	On Schedule	07/21/1998	/ /	/ /		0
---	---------------------------	-------------	------------	-----	-----	--	---

## COMMENT:

Reporting Period: 3/1997

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	July PTS Report Submitted	On Schedule	08/20/1998	/ /	/ /		0
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COMMENT:  
On schedule.

1	Submit FY99 Replan to DOE	On Schedule	09/01/1998	/ /	/ /	CAT3	0
---	---------------------------	-------------	------------	-----	-----	------	---

COMMENT:  
On schedule.

1	August PTS Report Submitted	On Schedule	09/21/1998	/ /	/ /		0
---	-----------------------------	-------------	------------	-----	-----	--	---

COMMENT:  
On schedule.

NARRATIVE

Narrative

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1. Significant Problems/Issues/Concerns:

N/A

2. Corrective Actions:

N/A

Reporting Period: 3/1997

ADS/TTP #: ALLA-2107- -

WBS #: 1.4.2.6.3.7

Narrative (Continued):

3. Summary Assessment:

Management interactions with the State and DOE continued. Extensive record retrieval support was provided to the ER Project; approximately 5,500 record pages received.

4. Cost Status:

Cost Performance Report:

Current Period: \$810K, or 85%

FY to Date: \$(1,011)K, or -23%

The out of threshold negative cost variance is the result of the following: approximately \$(376)K of Project Support (Baca) costs have been booked prior to the baseline schedule (this is a misleading variance, that will self correct by the end of the fiscal year); \$(20)K of unbaselined costs have been incurred in the Regulatory Compliance element due to increased scope; \$(42)K of Ecological Risk Assessment costs reside in ADS 2107, and will be cost corrected to ADS 2105; \$(119)K of computer support costs have been incurred that are not baselined in FY97; \$(112)K of unbaselined PP&C resources have been incurred for the January Replan, the Corp. review, and for responses to DOE comments, a BCP requesting contingency has been submitted; \$(125)K of PP&C over-runs exist to date, an additional \$(125)K is expected by fiscal year-end; \$(154)K of subcontract costs accrued in ADS 2107 will be cost-corrected to the field units.

5. Schedule Status:

Cost Performance Report:

Current Period: \$1K, or 0%

FY to Date: \$2K, or 0%

6. Technical Status:

Performed extensive legal re... quantities of reports, records and records were retrieved, co... tributed through RPF. Provided assistance to the ER Field Unit... in assigning RPF ER ID No's to

"References" sited in the creation of ER Project Reports (RFI Work Plans, Permit Modifications, VCA's, etc.)

7. Major Accomplishments:

October 1996

Submitted the FY97 Life Cycle Programmatic Replan.

November 1996

Submitted Quarterly Technical Report.

Submitted 4th Quarter QIPR. November 1996.

December 1996

Submitted Installation Work Plan (IWP).

January 1997

Submitted Quarterly Installation Progress Report (QIPR).

Submitted Replan, BCP #LANL-ER-97-013 through LANL-ER-97-22.

DATE PRINTED: 04/18/1997

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Reporting Period: 3/1997

ADS/TTP #: ALLA-2107- -

WBS #: 1.4.2.6.3.7

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PROJECT MANAGER'S RATINGS

No ratings available.

Reporting Period: 3/1997

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		PC	PC
	End FY 96 Unobl. Bal.	FY 96 Tot. Uncost.Obl.	FY 97 New Obl. Auth.	Total Avail.	FIS Obl. YTD 3/97	Prelim. Obl YTD	FIS Cost YTD 3/97	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	670	0	487	0	0	0	0	
OE EW2010302	0	43	0	43	594	0	1,113	0	0	0	0	
Totals:	0	57	0	57	1,264	0	1,600	0	0	0	0	

(Preliminary actuals as of July/96; Actuals as of March/97.)

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	711	687	0	138	-24	549	990	966	340	-24	626	
2	172	191	0	900	19	-709	1,162	1,157	1,240	-5	-83	
3	209	173	0	360	-36	-187	1,371	1,330	1,600	-41	-270	
4	313	---	---	---	---	---	---	---	---	---	---	
5	305	---	---	---	---	---	---	---	---	---	---	
6	299	---	---	---	---	---	---	---	---	---	---	
7	448	---	---	---	---	---	---	---	---	---	---	
8	263	---	---	---	---	---	---	---	---	---	---	
9	223	---	---	---	---	---	---	---	---	---	---	
	<u>3,222</u>	<u>1,330</u>	<u>0</u>	<u>1,600</u>	<u>-41</u>	<u>-270</u>						

Reporting Period: 3/1997

ADS/TTP #: ALLA-2105- -

WBS #: 1.4.2.6.3.8

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

ACWP	BCWP	BCWS
52,828	52,828	52,828

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

FY98	FY99	FY00	FY01	FY02
1,093	1,393	1,338	843	853

TOTAL PROJECT PLAN

BAC	62,424	Budgeted Mgmt Reserve	0
EAC	62,424	Remaining Mgmt Reserve	0
TEC	0	Planning Contingency	0
TPC	62,424	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	04/30/1997	/ /		0

COMMENT:

NARRATIVE

Narrative

1. Significant Problems/Issues/Concerns:

N/A

2. Corrective Actions:

N/A

3. Summary Assessment:

Data collection and analysis of the Protective Barrier Plots demonstration are continuing. Additional improvements were made in the data collection software for this system and in the flow data collection system. Report on modeling capillary barrier performance was sent to Water Resources Research Journal.

4. Cost Status:

Reporting Period: 3/1997

ADS/TTP #: ALLA-2105- -

WBS #: 1.4.2.6.3.8

Narrative (Continued):  
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## Cost Performance Report:

Current Period: \$(187)K, or -108%

FY to Date: \$(270)K or -20%

The current and cumulative out-of-threshold cost variance is a result of approximately \$(307)K of Ecological Risk Assessment over-runs due to a greater effort in the 1st half of FY97 than planned. A lower level of effort than what was baselined is expected in the 2nd half of the fiscal year, resulting in an anticipated zero cost variance for EcoRisk in FY97. Approximately \$(30)K of the cumulative variance is due to the multiple failures of sensors in the Protective Barrier efforts. Approximately \$(15)K of subcontract costs accrued in this ADS will be cost-corrected to the field units. In addition, approximately \$100K of planned costs have not been booked due to a change in the resource loading for the Earth Sciences effort. Increased costs for this effort will be seen during the later part of fiscal year 1997, resulting in a zero cost variance.

## 5. Schedule Status:

## Cost Performance Report:

Current Period: \$(36)K or -17%

FY to Date: \$(41)K, or -3%

The current period out-of-threshold cost variance is a result of approximately \$(11)K of Exposure Estimation work that was pushed out due to a lag in obtaining site characterization data, and \$(22)K of HQ Calculation work has slipped due to the same reason.

## 6. Technical Status:

Work continued on the following programmatic documents: Data Adequacy Policy; Decision Logic for Water Sampling; Interim Measures Guidance; Accelerated Action Decision Logic; Corrective Measures Decision Logic; Statistical Methodology; and Screening Assessments.

## 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.

January 1997

Report: "A water Balance Study of Four Landfill Cover Designs Varying in Slope for Semiarid Regions", published in the Proceedings of the 1997 International Containment Technology Conference.

A report on the Site-Wide 3-D Geologic Model was completed and distributed.

DATE PRINTED: 04/18/1997

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Reporting Period: 3/1997

ADS/TTP #: ALLA-2105 -

WBS #: 1.4.2.6.3.8

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PROJECT MANAGER'S RATINGS

No ratings available.