

# Los Alamos

NATIONAL LABORATORY

Environmental Restoration Project

Los Alamos, New Mexico 87545

**CLEAN UP LOS ALAMOS...**

*faster, better, cheaper!*

Date: June 23, 1995

MS: M992

Phone: 505-665-4558

Refer to: EM/ER:95-297

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

**SUBJECT: ENVIRONMENTAL RESTORATION (ER) PROJECT  
PROGRESS TRACKING SYSTEM (PTS) MONTHLY REPORT  
FOR MAY 1995**

Dear Ted:

Enclosed is the PTS Report diskette for the Los Alamos National Laboratory's (Laboratory's) ER Project monthly report for May 1995, which includes all baseline change proposals through LANL-ER-95-004 approved by the Department of Energy-Albuquerque (DOE-AL) ER Division. We have addressed the April 1995 comments in the PTS report. General comments are addressed in this letter.

The Financial Information System (FIS) data contains several errors concerning actual costs contained in closed activity data sheets. These errors have been corrected in the COMACT file here at the Laboratory for the purposes of generating PTS reports that are accurate; however, once the PTS data is transmitted to DOE-Headquarters, the corrections are overwritten with the inaccurate data, creating mild artificial variances in the PTS information. Laboratory personnel are working with the FIS point-of-contact at DOE-AL to have the FIS data officially corrected.

The critique of the April PTS report submittal stated that "Cost Status and Schedule Status figures in the Narrative Section do not match the figures shown in the Expenditure table." These variances are month-to-month deltas from the original plan. On all previous PTS reports, the Laboratory has given explanations on only cumulative-to-date cost and/or schedule variances. This issue has been discussed in detail by staff from both the Laboratory and the Los Alamos Area Office (LAAO). The Laboratory Project Manager and the LAAO Program Manager will decide together whether the Laboratory's ER Project Office should continue to report only Project Cost-to-Date variances or if it should also provide current period variance analysis.



LANL HLWA GEN/MISC/K

72

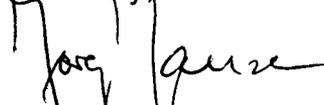
Mr. Ted Taylor  
EM/ER:95-297

Page 2

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June 23, 1995

If you have any questions regarding this information, please call Jim Noel at 5-5737 or Robin Roybal at 5-7109.

Sincerely,

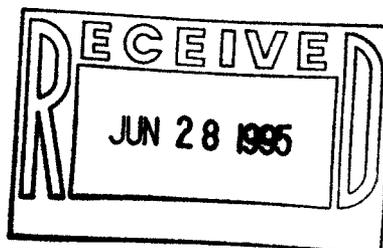


Jorg Jansen, Project Manager  
Environmental Restoration Project

JJ/rfr

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Reporting Period: 5/1995

ADS/TTP #: ALLA-2001- -

WBS #: 1.4.2.6.1.1

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

Installation: LOS ALAMOS NATIONAL LABORATORY

Category: ER

Project Title: AL LAB ER (MSA)

Program Manager's-- FO: DEBORAH GRISWOLD

(505)845-4752

Start Date: 01/01/1995

HQ: BILL SPURGEON

(301)903-8187

Completion Date: 09/28/2006

| a&R Code     | ANNUAL TOTALS (\$000)    |                           |                         |                 |                      |                    |                      |                     |                             |                          |                           |
|--------------|--------------------------|---------------------------|-------------------------|-----------------|----------------------|--------------------|----------------------|---------------------|-----------------------------|--------------------------|---------------------------|
|              | PY                       | PY                        | CY                      | CY              | CY                   | CY                 | CY                   | CY                  | CY                          | PC                       | PC                        |
|              | End FY 94<br>Unobl. Bal. | FY 94 Tot.<br>Uncost.Obl. | FY 95 New<br>Obl. Auth. | Total<br>Avail. | FIS Obl.<br>YTD 5/95 | Prelim.<br>Obl YTD | FIS Cost<br>YTD 5/95 | Prelim.<br>Cost YTD | Proj'd Cur.<br>Yr-End EstCo | End FY 95<br>Unobl. Bal. | FY 95 Tot.<br>Uncost.Obl. |
| OE EW2010301 | 0                        | 6,083                     | 6,128                   | 12,211          | 0                    | 0                  | 14,712               | 0                   | 20,889                      | -1,838                   | -3,923                    |
| OE EW2010302 | 0                        | 130                       | -93                     | 37              | 0                    | 0                  | 37                   | 0                   | 1,770                       | -113                     | -293                      |
| Totals:      | 0                        | 6,213                     | 6,035                   | 12,248          | 0                    | 0                  | 14,749               | 0                   | 22,659                      | -1,951                   | -4,216                    |

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

| MONTH | EXPENDITURE RATE (\$000) |               |          |                      |               |               | EXPENDITURE RATE (\$000) |        |        |           |          |
|-------|--------------------------|---------------|----------|----------------------|---------------|---------------|--------------------------|--------|--------|-----------|----------|
|       | -----MONTHLY-----        |               |          | -----CUMULATIVE----- |               |               | BCWS                     | BCWP   | ACWP   | SCHED VAR | COST VAR |
|       | BCWS                     | BCWP          | Prelim   | ACWP                 | SCHED VAR     | COST VAR      | BCWS                     | BCWP   | ACWP   | SCHED VAR | COST VAR |
| 10    | 2,440                    | 2,440         | 0        | 2,981                | 0             | -541          | 2,440                    | 2,440  | 2,981  | 0         | -541     |
| 11    | 2,227                    | 2,227         | 0        | 2,038                | 0             | 189           | 4,667                    | 4,667  | 5,019  | 0         | -352     |
| 12    | 1,396                    | 1,396         | 0        | 1,045                | 0             | 351           | 6,063                    | 6,063  | 6,064  | 0         | -1       |
| 1     | 2,038                    | 678           | 0        | 12                   | -1,360        | 666           | 8,101                    | 6,741  | 6,076  | -1,360    | 665      |
| 2     | 2,097                    | 2,725         | 0        | 2,050                | 628           | 675           | 10,198                   | 9,466  | 8,126  | -732      | 1,340    |
| 3     | 2,361                    | 1,234         | 0        | 1,167                | -1,127        | 67            | 12,559                   | 10,700 | 9,293  | -1,859    | 1,407    |
| 4     | 626                      | 589           | 0        | 3,293                | -37           | -2,704        | 13,185                   | 11,289 | 12,586 | -1,896    | -1,297   |
| 5     | 2,431                    | 1,578         | 0        | 2,163                | -853          | -585          | 15,616                   | 12,867 | 14,749 | -2,749    | -1,882   |
| 6     | 1,309                    | ---           | ---      | ---                  | ---           | ---           | ---                      | ---    | ---    | ---       | ---      |
| 7     | 1,255                    | ---           | ---      | ---                  | ---           | ---           | ---                      | ---    | ---    | ---       | ---      |
| 8     | 1,732                    | ---           | ---      | ---                  | ---           | ---           | ---                      | ---    | ---    | ---       | ---      |
| 9     | 797                      | ---           | ---      | ---                  | ---           | ---           | ---                      | ---    | ---    | ---       | ---      |
|       | <u>20,709</u>            | <u>12,867</u> | <u>0</u> | <u>14,749</u>        | <u>-2,749</u> | <u>-1,882</u> |                          |        |        |           |          |

Reporting Period: 5/1995

ADS/TTP #: ALLA-2001- -

WBS #: 1.4.2.6.1.1

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

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

| ACWP   | BCWP   | BCWS   | FY96   | FY97   | FY98   | FY99   | FY00   |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 39,903 | 39,903 | 39,903 | 18,779 | 22,005 | 12,757 | 24,328 | 16,995 |

TOTAL PROJECT PLAN

|     |         |                        |   |
|-----|---------|------------------------|---|
| BAC | 176,800 | Budgeted Mgmt Reserve  | 0 |
| EAC | 176,800 | Remaining Mgmt Reserve | 0 |
| TEC | 0       | Planning Contingency   | 0 |
| TPC | 176,800 | Remaining Contingency  | 0 |
|     |         | Planned R & U          | 0 |
|     |         | Remaining R & U        | 0 |

MILESTONE REPORT

| LEV | TITLE  | STATUS    | PLANNED    | FORECAST | ACTUAL     | MILE CATEGORY | FLOAT |
|-----|--|-----------|------------|----------|------------|---------------|-------|
| 1   | EPA DRAFT OF TA-21 RFI REPORT 1C ADDENDUM COMPLETE (PHASE I) | Completed | 01/31/1995 | / /      | 01/31/1995 | CAT3          | 0     |

COMMENT:

|   |  |           |            |     |            |      |   |
|---|--|-----------|------------|-----|------------|------|---|
| 1 | EPA DRAFT OF TA-31 PHASE I RFI REPORT COMPLETE | Completed | 03/29/1995 | / / | 04/24/1995 | CAT1 | 0 |
|---|--|-----------|------------|-----|------------|------|---|

COMMENT:

|   |  |         |            |            |     |      |   |
|---|--|---------|------------|------------|-----|------|---|
| 1 | EPA DRAFT OF TA-45 PHASE I RFI REPORT COMPLETE | Overdue | 05/03/1995 | 06/29/1995 | / / | CAT1 | 0 |
|---|--|---------|------------|------------|-----|------|---|

COMMENT:

Receipt of analytical data is behind schedule due to a temporary overload of the validation team.

Reporting Period: 5/1995

ADS/TTP #: ALLA-2001- -

WBS #: 1.4.2.6.1.1

## MILESTONE REPORT Continued

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

COMMENT (cont.)

|   |   |           |            |     |            |      |   |
|---|---|-----------|------------|-----|------------|------|---|
| 1 | EPA DRAFT OF TA-0 ZIA MOTOR POOL FACILITY RFI REPORT COMPLETE | Completed | 05/04/1995 | / / | 05/03/1995 | CAT3 | 0 |
|---|---|-----------|------------|-----|------------|------|---|

COMMENT:

|   |  |         |            |            |     |      |   |
|---|--|---------|------------|------------|-----|------|---|
| 1 | EPA DRFT OF TA-1 [AGGREGATE (A-J)] RFI REPORT COMPLETE | Overdue | 05/15/1995 | 08/31/1995 | / / | CAT1 | 0 |
|---|--|---------|------------|------------|-----|------|---|

COMMENT:

The volume and complexity of this report requires that it be split into 4 reports. The first report deadline is 6/16/95.

|   |  |         |            |            |     |      |   |
|---|--|---------|------------|------------|-----|------|---|
| 1 | EPA DRAFT OF TA-0 SEPTIC SYSTEM 0-030(C) RFI REPORT COMPLETE | Overdue | 05/17/1995 | 07/07/1995 | / / | CAT1 | 0 |
|---|--|---------|------------|------------|-----|------|---|

COMMENT:

Receipt of analytical data is behind schedule due to a temporary overload of the validation team. There are some additional delays in the eco-screening process.

|   |  |         |            |            |     |      |   |
|---|--|---------|------------|------------|-----|------|---|
| 1 | EPA DRAFT OF TA-32 PHASE I RFI REPORT COMPLETE | Overdue | 05/17/1995 | 08/08/1995 | / / | CAT1 | 0 |
|---|--|---------|------------|------------|-----|------|---|

COMMENT:

This report is has been delayed to develop a new Phase II sampling plan. The new Phase II sampling plan will address newly discovered circumstances at Technical Area 32 and correct sampling locations.

|   |  |         |            |            |     |      |   |
|---|--|---------|------------|------------|-----|------|---|
| 1 | EPA DRAFT OF TA-0 SEPTIC SYSTEM 0-030(G) RFI REPORT COMPLETE | Overdue | 05/25/1995 | 08/23/1995 | / / | CAT1 | 0 |
|---|--|---------|------------|------------|-----|------|---|

COMMENT:

Reporting Period: 5/1995

ADS/TTP #: ALLA-2001- -

WBS #: 1.4.2.6.1.1

## MILESTONE REPORT Continued

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

## COMMENT (cont.)

This report is behind schedule because the staff must complete 030(c) and 030(g) first. This is a temporary overload on the resources.

|  |  |         |            |            |     |      |   |
|--|--|---------|------------|------------|-----|------|---|
|  | EPA DRAFT OF TA-0 SEPTIC SYSTEM 0-030(Q) RFI REPORT COMPLETE | Overdue | 05/25/1995 | 10/24/1995 | / / | CAT1 | 0 |
|--|--|---------|------------|------------|-----|------|---|

## COMMENT:

Delayed due to temporary overload of validation team. This report is being done in conjunction with RFI report 030(c) and is also experiencing delays with the eco-screening. The early finish date will be the same as the RFI report of 030(c).

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

## COMMENT:

|   |   |                |            |            |     |      |   |
|---|---|----------------|------------|------------|-----|------|---|
| 1 | EPA DRAFT OF TA-21 16.7 [21-018(B)] RFI REPORT COMPLETE | Forecast Delay | 07/11/1995 | 10/12/1995 | / / | CAT2 | 0 |
|---|---|----------------|------------|------------|-----|------|---|

## COMMENT:

This report is in progress and despite the calculated schedule date of 12 Oct 95, the report will be completed on 7 July 95 with additional staff/resources. Durations will be shortened in the schedule next month to reflect new forecast date. No regulatory impacts are anticipated.

|   |  |                |            |            |     |      |   |
|---|--|----------------|------------|------------|-----|------|---|
| 1 | EPA DRAFT OF TA-10 PHASE I SURFACE RFI REPORT COMPLETE | Forecast Delay | 07/28/1995 | 11/07/1995 | / / | CAT2 | 0 |
|---|--|----------------|------------|------------|-----|------|---|

## COMMENT:

Despite the calculated finish date, the planned July 28, 1995 deadline will be met with additional resources. No regulatory impacts are anticipated.

|   |   |                |            |            |     |      |   |
|---|---|----------------|------------|------------|-----|------|---|
| 1 | EPA DRAFT OF TA-21 16.2 PHASE I RFI REPORT COMPLETE | Forecast Delay | 08/17/1995 | 12/12/1995 | / / | CAT2 | 0 |
|---|---|----------------|------------|------------|-----|------|---|

## COMMENT:

Reporting Period: 5/1995

ADS/TTP #: ALLA-2001- -

WBS #: 1.4.2.6.1.1

## MILESTONE REPORT Continued

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

COMMENT (cont.)

ite the calculated finish date, the August 17, 1995 deadline will be met with additional resources added. No regulatory impacts are anticipated.

|   |   |                |            |            |     |      |   |
|---|---|----------------|------------|------------|-----|------|---|
| 1 | EPA DRAFT OF TA-0 SOLVENT UST RFI REPORT COMPLETE | Forecast Delay | 09/22/1995 | 01/29/1996 | / / | CAT2 | 0 |
|---|---|----------------|------------|------------|-----|------|---|

COMMENT:

Field work and analysis delays led to the draft report having been delayed. No regulatory impacts are anticipated.

|   |   |             |            |     |     |      |   |
|---|---|-------------|------------|-----|-----|------|---|
| 1 | EPA DRAFT OF TA-10 BAYO CANYON SHRAPNEL REMOVAL REPORT COMPLETE | On Schedule | 09/25/1995 | / / | / / | CAT3 | 0 |
|---|---|-------------|------------|-----|-----|------|---|

COMMENT:

|   |   |                |            |            |     |      |   |
|---|---|----------------|------------|------------|-----|------|---|
| 1 | EPA DRAFT OF TA-1 [AGGREGATE (K-P)] RFI REPORT COMPLETE | Forecast Delay | 10/05/1995 | 12/28/1995 | / / | CAT2 | 0 |
|---|---|----------------|------------|------------|-----|------|---|

COMMENT:

The planned date of 05 Oct 1995 will be met with additional resources/staff. Schedule durations will be shortened next month to reflect the planned date. No regulatory impacts are anticipated.

|   |   |                |            |            |     |      |   |
|---|---|----------------|------------|------------|-----|------|---|
| 1 | EPA DRAFT OF TA-0 INACTIVE FIRING RANGE (0-016) RFI REPORT COMPLT | Forecast Delay | 11/22/1995 | 01/22/1996 | / / | CAT2 | 0 |
|---|---|----------------|------------|------------|-----|------|---|

COMMENT:

This activity will not occur because it is going to be converted to a voluntary corrective action. A baseline change propose (BCP) will be submitted to correct the logic and budget. No regulatory impacts are anticipated.

|   |  |                |            |            |     |      |   |
|---|--|----------------|------------|------------|-----|------|---|
| 1 | EPA DRAFT OF TA-10 PHASE 1 SUB-SURFACE RFI REPORT COMPLETE | Forecast Delay | 12/08/1995 | 03/14/1996 | / / | CAT2 | 0 |
|---|--|----------------|------------|------------|-----|------|---|

COMMENT:

Reporting Period: 5/1995

ADS/TTP #: ALLA-2001- -

WBS #: 1.4.2.6.1.1

## MILESTONE REPORT Continued

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

COMMENT (cont.)

The 8 Dec 1995 date is planned to be met with additional staff/resources. No regulatory impacts are anticipated.

|  |   |                |            |            |     |      |   |
|--|---|----------------|------------|------------|-----|------|---|
|  | EPA DRAFT OF TAS-3/59/60/61 PHASE I RFI REPORT COMPLETE | Forecast Delay | 12/08/1995 | 04/26/1996 | / / | CAT2 | 0 |
|--|---|----------------|------------|------------|-----|------|---|

COMMENT:

The planned finish date of 8 Dec 1995 will be met with additional staff/resources. No regulatory impacts are anticipated.

|   |   |                |            |            |     |      |   |
|---|---|----------------|------------|------------|-----|------|---|
| 1 | EPA DRAFT OF TA-10 CENTRAL AREA CMS PLAN COMPLETE | Forecast Delay | 03/29/1996 | 06/28/1996 | / / | CAT2 | 0 |
|---|---|----------------|------------|------------|-----|------|---|

COMMENT:

This milestone is planned to finish on schedule with the use of additional resources. No regulatory impacts are anticipated.

|   |   |                |            |            |     |      |   |
|---|---|----------------|------------|------------|-----|------|---|
| 1 | EPA DRAFT OF TA-21 16.7 [21-018(A)] RFI REPORT COMPLETE | Forecast Delay | 04/03/1996 | 07/02/1996 | / / | CAT2 | 0 |
|---|---|----------------|------------|------------|-----|------|---|

COMMENT:

Planned to finish on schedule with additional staff/resources. No regulatory impacts are anticipated.

|   |   |             |            |     |     |      |   |
|---|---|-------------|------------|-----|-----|------|---|
| 1 | EPA DRAFT OF TA-21 LADP 3&4 PHASE I RFI REPORT COMPLETE | On Schedule | 05/16/1996 | / / | / / | CAT3 | 0 |
|---|---|-------------|------------|-----|-----|------|---|

COMMENT:

|   |   |             |            |     |     |      |   |
|---|---|-------------|------------|-----|-----|------|---|
| 1 | EPA DRAFT OF TA-21 LAUZ 1&2 PHASE I RFI REPORT COMPLETE | On Schedule | 05/16/1996 | / / | / / | CAT3 | 0 |
|---|---|-------------|------------|-----|-----|------|---|

COMMENT:

1 EPA DRAFT OF TA-21 V DP PHASE 1 RFI REPORT COMPLETE

On Schedule

08/07/1996

/ / /

CAT3

0

Reporting Period: 5/1995

ADS/TTP #: ALLA-2001- -

WBS #: 1.4.2.6.1.1

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

COMMENT:

|   |   |             |            |     |     |      |   |
|---|---|-------------|------------|-----|-----|------|---|
| 1 | EPA DRAFT OF TA-21 MDA T DP PHASE I RFI REPORT COMPLETE | On Schedule | 08/28/1996 | / / | / / | CAT3 | 0 |
|---|---|-------------|------------|-----|-----|------|---|

COMMENT:

|   |   |             |            |     |     |      |   |
|---|---|-------------|------------|-----|-----|------|---|
| 1 | EPA DRAFT OF TA-32 PHASE II RFI REPORT COMPLETE | On Schedule | 10/06/1996 | / / | / / | CAT3 | 0 |
|---|---|-------------|------------|-----|-----|------|---|

COMMENT:

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

COMMENT:

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

COMMENT:

## NARRATIVE

ative

In FY95, the Los Alamos National Laboratory's (Laboratory's) Environmental Restoration (ER) Project submitted Baseline Change Proposal (BCP) LANL-ER-95-002, which included changes to the work breakdown structure. On February 9, 1995, the ER Project was given direction by the Department of Energy-Albuquerque ER Program Office to use the baseline proposed in the aforementioned BCP for monthly reporting. The Financial Information System (FIS) transferred prior years' costs from the old ADS structure to the new, but failed to move over actual costs incurred FY to date, yielding large artificial cost variances in the PTS data. LANL personnel have provided the FIS point of contact at DOE-Albuquerque with the information needed for

the FY cost data transfer. Until such a time as the official transfer takes place, variance analysis is based on Project Control System (PCS) data.

## 1. Significant Problems/Issues/Concerns:

Steps have been taken to improve the prospects for on-time delivery of Resource Conservation and Recovery Act facility investigation (RFI) reports. The additional editors and compositors mentioned in last month's report reported for work at the end of May. The ER Project Consistency

Reporting Period: 5/1995

ADS/TTP #: ALLA-2001- -

WBS #: 1.4.2.6.1.1

## Narrative (Continued):

Team has been reviewing and revising standard formats for text and tables. The standard formats will provide consistency between reports and allow automation routines for acquiring the data and formatting the report tables.

## Corrective Action:

No corrective action has been currently identified, since cumulative variances do not exceed reportable thresholds.

## 3. Summary Assessment:

New Mexico Environment Department (NMED) approved the formal request for transporting the unwashed soil from the inactive firing range, Solid Waste Management Unit (SWMU) 0-016) to the training range of Protection Technologies of Los Alamos, where thousands of cubic yards of dirt are needed for berm enhancement between and behind target ranges. A stop work order was issued to Sierra Rock, Inc., the soil washing contractor. A new plan is under development, and a baseline change will be proposed, because the costs will be significantly reduced. The schedule will also be somewhat shorter, but operations will have to be coordinated with the range users.

The addendum to the OU 1114 Work Plan for other potential release sites (PRSS) associated with the technical area (TAs) is on schedule.

The DP Tank Farm investigation of the former east and west fill stations is on schedule. Boreholes are being drilled in arrays around the areas of known contamination. The chem van is analyzing samples in real time to help determine how deep to drill the boreholes. Characterization for gasoline and diesel soil contamination has been completed at the east fill station during May 1995.

The RFI reports for SWMUs 0-030(c) and 0-030(q) were combined into a single report, and the final review comments are being incorporated. The SWMU 0-030(g) RFI report is close to being sent out for final review.

The sampling team for the SWMU 0-039 investigation of the dry cleaning

solvents plume(s) began field work on May 24, and the project is on schedule for delivery of the RFI report.

Preparations for the Tar Site voluntary corrective action (VCA), PRS C-0-041, are on schedule. No delays are anticipated through the end of the remediation.

Preparations for the 6th Street warehouse field operations are underway. The readiness review will take place next month, and operations should be back on schedule by the end of July or the first week of August.

## 4. Cost Status:

Remediation scope is planned in EW2010301. A baseline change proposal will be submitted reflecting \$1.823M of remediation effort to take place in EW2010302.

Cost Performance Report Cum. to date: \$1882K, 3.6% overrun

## 5. Schedule Status:

Cost Performance Report Cum. to date: \$2750K, 5.0% behind schedule

## 6. Technical Status:

Field Unit 1 personnel continued to edit the OU 1114 Work Plan Addendum 1 during the reporting period, while awaiting comments from DOE. The work plan addresses 184 PRSS associated with TAs 3, 30, 59, 60, 61, and 64.

The implementation plan for the 6th Street Warehouse operations was written, as well as the Site-Specific Health and Safety Plan and Waste Management Plan. The plans are currently in review.

An assessment of the OU 1071 Work Plan historical information and scope of investigation for the 6th Street Warehouse Area (Group 0-1) revealed discrepancies with additional archival information. An implementation plan is being prepared, but is lagging the schedule because of the new information about the site.

Reporting Period: 5/1995

ADS/TTP #: ALLA-2001- -

WBS #: 1.4.2.6.1.1

## Narrative (Continued):

Another round of gas port sampling from the Airport landfill monitoring wells was completed May 25, and analytical data from previous sampling have been assessed, resulting in a reduction in the list of analytes for future sampling. Planning for the cone penetrometer sampling of the landfill continued by meeting with industry experts to reduce risks of damaging tools and increase performance of gas and leachate sample collection.

The field team for the investigation of the DP Tank farm is continuing the investigation to determine the extent of the gasoline and diesel soil contamination at the former West Fill station and the seep to the north.

Data management issues, particularly the treatment of reanalysis and composite sample representations, have dominated the work on the Aggregate A-J RFI Report, and additional manpower resources were mobilized to meet the June deadline.

Preparation continues on the TA-45 RFI Report.

Draft VCA plans and other required plans have been prepared for SWMUs 21-024(b,d,h); 21-022(j); 21-005 and Area of Concern C-21-027. Preparations continue on schedule.

## 7. Major Accomplishments:

Completed TA-3 rotary auger drilling on SWMU 3-010(a) on October 10, 1994.

Submitted Phase 1C addendum for TA-21 to the EPA on January 31, 1995.

Completed suite of 11 boreholes at SWMU 73-001(a) on November 16, 1994. Completed instrumentation of boreholes at the Los Alamos Airport Landfill, SWMU 73-001, February 1995.

Completed field summary report for FY94 sampling activities at the Los Alamos Airport Landfill, SWMU 73-001, February 1995.

Completed Phase I surface shrapnel collection at the former firing sites in Bayo Canyon, TA-10, February 1995.

Completed field summary report for FY94 subsurface sampling at TA-10 central area, February 1995.

Completed RFI field investigations for Old Zia Motorpool, SWMU Group 0-4, March 1995.

Completed field work and data assessment for TA-31 and for Phase I of TAs 32 and 45, March 1995.

Completed a pilot study of the applicability of the LIPS for evaluating the Bayo Canyon shrapnel situation, March 1995.

Completed 2nd NOD response for OU 1114 RFI Work Plan, March 1995.

Completed field summary report for surface sampling at TA-10, March 1995.

Completed the field summary reports for septic tanks SWMUs 0-030(c & q), April 1995.

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

Delivered the NOD response for RFI Reports 1B, 1C, and Addendum (1B-1C) to the EPA, April 1995.

Delivered draft RFI Report for SWMU 3-010(a) to the EPA, April 1995.

Completed Borehole at MDA V, TA-21, for the geohydrological assessment of the Los Alamos Canyon, May 1995.

Completed evaluation and recommendation to DOE of MDA B, TA-21, May 1995.

Delivered Technical memo and sampling plan to EPA and DOE on DP Tank Farm, TA-21, May 1995.

Completed and submitted 7-Day UST Report for DP Tank Farm, May 1995.

Draft VCA plans have been prepared for SWMUs 21-024(b,d,h); 21-022(j); 21-005 and Area of Concern C21-027, May 1995.

Reporting Period: 5/1995

ADS/TTP #: ALLA-2001- -

WBS #: 1.4.2.6.1.1

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PROJECT MANAGER'S RATINGS

|                                |                         |
|--------------------------------|-------------------------|
| Cost Rating: SATISFACTORY      | Cost Trend: WORSE       |
| Schedule Rating: SATISFACTORY  | Schedule Trend: WORSE   |
| Technical Rating: SATISFACTORY | Technical Trend: BETTER |
| Overall Rating: SATISFACTORY   | Overall Trend: WORSE    |

Reporting Period: 5/1995

ADS/TTP #: ALLA-2002- -

WBS #: 1.4.2.6.1.2

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

Installation: LOS ALAMOS NATIONAL LABORATORY

Category: ER

Project Title: AL LAB ER (MSA)

Program Manager's-- FD: DEBORAH GRISWOLD

(505)845-4752

Start Date: 01/01/1995

HQ: BILL SPURGEON

(301)903-8187

Completion Date: 07/04/2004

| B&R Code     | ANNUAL TOTALS (\$000)    |                           |                         |                 |                      |                    |                      |                     |                             |                          |                           |  |
|--------------|--------------------------|---------------------------|-------------------------|-----------------|----------------------|--------------------|----------------------|---------------------|-----------------------------|--------------------------|---------------------------|--|
|              | PY                       | PY                        | CY                      | CY              | CY                   | CY                 | CY                   | CY                  | CY                          | PC                       | PC                        |  |
|              | End FY 94<br>Unobl. Bal. | FY 94 Tot.<br>Uncost.Obl. | FY 95 New<br>Obl. Auth. | Total<br>Avail. | FIS Obl.<br>YTD 5/95 | Prelim.<br>Obl YTD | FIS Cost<br>YTD 5/95 | Prelim.<br>Cost YTD | Proj'd Cur.<br>Yr-End EstCo | End FY 95<br>Unobl. Bal. | FY 95 Tot.<br>Uncost.Obl. |  |
| OE EW2010301 | 0                        | 953                       | 5,734                   | 6,687           | 0                    | 0                  | 8,333                | 0                   | 13,172                      | 185                      | -571                      |  |
| OE EW2010302 | 0                        | 125                       | -25                     | 100             | 0                    | 0                  | 29                   | 0                   | 201                         | 3                        | -177                      |  |
| OE EW2010304 | 0                        | 0                         | 0                       | 0               | 0                    | 0                  | 0                    | 0                   | 0                           | 0                        | 0                         |  |
| Totals:      | 0                        | 1,078                     | 5,709                   | 6,787           | 0                    | 0                  | 8,362                | 0                   | 13,373                      | 188                      | -748                      |  |

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

EXPENDITURE RATE (\$000)

| MONTH | -----MONTHLY----- |              |          |              |               |               | -----CUMULATIVE----- |       |       |           |          |
|-------|-------------------|--------------|----------|--------------|---------------|---------------|----------------------|-------|-------|-----------|----------|
|       | BCWS              | BCWP         | Prelim   | ACWP         | SCHED VAR     | COST VAR      | BCWS                 | BCWP  | ACWP  | SCHED VAR | COST VAR |
| 10    | 692               | 692          | 0        | 1,380        | 0             | -688          | 692                  | 692   | 1,380 | 0         | -688     |
| 11    | 462               | 462          | 0        | 958          | 0             | -496          | 1,154                | 1,154 | 2,338 | 0         | -1,184   |
| 12    | 2,021             | 2,021        | 0        | 836          | 0             | 1,185         | 3,175                | 3,175 | 3,174 | 0         | 1        |
| 1     | 2,089             | 300          | 0        | 928          | -1,789        | -628          | 5,264                | 3,475 | 4,102 | -1,789    | -627     |
| 2     | 1,063             | 1,465        | 0        | 985          | 402           | 480           | 6,327                | 4,940 | 5,087 | -1,387    | -147     |
| 3     | 891               | 525          | 0        | 1,331        | -366          | -806          | 7,218                | 5,465 | 6,418 | -1,753    | -953     |
| 4     | 273               | 525          | 0        | 963          | 252           | -438          | 7,491                | 5,990 | 7,381 | -1,501    | -1,391   |
| 5     | 1,224             | 528          | 0        | 981          | -696          | -453          | 8,715                | 6,518 | 8,362 | -2,197    | -1,844   |
| 6     | 2,015             | ---          | ---      | ---          | ---           | ---           | ---                  | ---   | ---   | ---       | ---      |
| 7     | 1,104             | ---          | ---      | ---          | ---           | ---           | ---                  | ---   | ---   | ---       | ---      |
| 8     | 1,101             | ---          | ---      | ---          | ---           | ---           | ---                  | ---   | ---   | ---       | ---      |
| 9     | 627               | ---          | ---      | ---          | ---           | ---           | ---                  | ---   | ---   | ---       | ---      |
|       | <u>13,562</u>     | <u>6,518</u> | <u>0</u> | <u>8,362</u> | <u>-2,197</u> | <u>-1,844</u> |                      |       |       |           |          |

Reporting Period: 5/1995

ADS/TTP #: ALLA-2002- -

WBS #: 1.4.2.6.1.2

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

| ACWP   | BCWP   | BCWS   |
|--------|--------|--------|
| 15,875 | 15,875 | 15,875 |

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

| FY96  | FY97  | FY98  | FY99  | FY00  |
|-------|-------|-------|-------|-------|
| 8,049 | 9,436 | 8,910 | 4,687 | 1,684 |

TOTAL PROJECT PLAN

|     |        |                        |   |
|-----|--------|------------------------|---|
| BAC | 77,419 | Budgeted Mgmt Reserve  | 0 |
| EAC | 77,419 | Remaining Mgmt Reserve | 0 |
| TEC | 0      | Planning Contingency   | 0 |
| TPC | 77,419 | Remaining Contingency  | 0 |
|     |        | Planned R & U          | 0 |
|     |        | Remaining R & U        | 0 |

MILESTONE REPORT

| LEV | TITLE                          | STATUS    | PLANNED    | FORECAST | ACTUAL     | MILE CATEGORY | FLOAT |
|-----|--------------------------------|-----------|------------|----------|------------|---------------|-------|
| 1   | OU 1100 RFI WORK PLAN COMPLETE | Completed | 01/03/1995 | / /      | 01/03/1995 | CAT3          | 0     |

COMMENT:

|   |   |           |            |     |            |      |   |
|---|---|-----------|------------|-----|------------|------|---|
| 1 | EPA DRAFT OF TA-18 FY93 RFI REPORT COMPLETE | Completed | 01/30/1995 | / / | 01/30/1995 | CAT3 | 0 |
|---|---|-----------|------------|-----|------------|------|---|

COMMENT:

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

COMMENT:

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

COMMENT:



Reporting Period: 5/1995

ADS/TTP #: ALLA-2002- -

WBS #: 1.4.2.6.1.2

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

## COMMENT:

Analyticals delayed due to sample management organization restructuring. This new restructuring should cut down the turnaround times for the remainder of FY95. We anticipate no impact to follow-on activities.

|   |   |                |            |            |     |      |   |
|---|---|----------------|------------|------------|-----|------|---|
| 1 | EPA DRAFT OF TA-18 STORM OUTFALLS RFI REPORT COMPLETE | Forecast Delay | 06/09/1995 | 10/24/1995 | / / | CAT2 | 0 |
|---|---|----------------|------------|------------|-----|------|---|

## COMMENT:

This milestone has slipped because we have not yet received comments back from EPA on the FY93 field work RFI report, submitted in February 1995. Once the comments have been received, every effort will be made to recover the milestone slippage. No regulatory impacts are anticipated.

|   |   |                |            |            |     |      |   |
|---|---|----------------|------------|------------|-----|------|---|
| 1 | EPA DRAFT OF TA-18 INACTIVE SEPTIC SYSTEM RFI REPORT COMPLETE | Forecast Delay | 07/11/1995 | 02/27/1996 | / / | CAT2 | 0 |
|---|---|----------------|------------|------------|-----|------|---|

## COMMENT:

This milestone has slipped because we have not received comments back from EPA on the FY93 field work RFI report, submitted in February 1995. Once the comments have been received, every effort will be made to recover the milestone slippage. No regulatory impacts are anticipated.

|  |   |                |            |            |     |      |   |
|--|---|----------------|------------|------------|-----|------|---|
|  | EPA DRAFT OF TA-18 ACTIVE SEPTIC SYSTEM RFI REPORT COMPLETE | Forecast Delay | 08/14/1995 | 05/30/1996 | / / | CAT2 | 0 |
|--|---|----------------|------------|------------|-----|------|---|

## COMMENT:

This milestone has slipped because we have not received comments back from EPA on the FY93 field work RFI report that was sent to the EPA in Feb, 1995. When we receive those comments, every effort will be made to recover the milestone slippage. No regulatory impacts are anticipated.

|   |   |                |            |            |     |      |   |
|---|---|----------------|------------|------------|-----|------|---|
| 1 | EPA DRAFT OF TA-18 FIRING SITES RFI REPORT COMPLETE | Forecast Delay | 08/17/1995 | 05/30/1996 | / / | CAT2 | 0 |
|---|---|----------------|------------|------------|-----|------|---|

## COMMENT:

This milestone is slipping. Analytical data is behind schedule due to a temporary overload of the validation team. No regulatory impacts are anticipated.

|   |   |             |            |     |     |      |   |
|---|---|-------------|------------|-----|-----|------|---|
| 1 | OU 1086 TA-15 R-44/-45 RFI WORK PLAN COMPLETE | On Schedule | 09/13/1995 | / / | / / | CAT3 | 0 |
|---|---|-------------|------------|-----|-----|------|---|

## COMMENT:



Reporting Period: 5/1995

ADS/TTP #: ALLA-2002- -

WBS #: 1.4.2.6.1.2

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

## COMMENT:

Receipt of analytical data is behind schedule because of a temporary overload of the validation team. Accelerated effort will be made to ensure that the planned date is met. No regulatory impacts are anticipated.

|   |  |             |            |     |     |      |   |
|---|--|-------------|------------|-----|-----|------|---|
| 1 | EPA DRAFT OF TA-15 FY94 FIELD WORK RFI REPORT COMPLETE | On Schedule | 10/05/1995 | / / | / / | CAT3 | 0 |
|---|--|-------------|------------|-----|-----|------|---|

## COMMENT:

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

## COMMENT:

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

## COMMENT:

|   |  |                |            |            |     |      |   |
|---|--|----------------|------------|------------|-----|------|---|
| 1 | EPA DRAFT OF TA-18 MONITOR WELLS RFI REPORT COMPLETE | Forecast Delay | 05/21/1996 | 08/09/1996 | / / | CAT2 | 0 |
|---|--|----------------|------------|------------|-----|------|---|

## COMMENT:

This milestone has slipped because we have not received comments back from EPA on the FY93 field work RFI report, submitted in February 1995. Once the comments have been received, every effort will be made to recover the milestone slippage. No regulatory impacts are anticipated.

|   |   |                |            |            |     |      |   |
|---|---|----------------|------------|------------|-----|------|---|
| 1 | EPA DRAFT OF TA-39 FIRING SITES RFI REPORT COMPLETE | Forecast Delay | 05/30/1996 | 07/11/1996 | / / | CAT2 | 0 |
|---|---|----------------|------------|------------|-----|------|---|

## COMMENT:

This milestone is being delayed due to a temporary overload by the validation team. This milestone slippage is expected to be recovered by the planned date. No regulatory impacts are anticipated.

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

Reporting Period: 5/1995

ADS/TTP #: ALLA-2002- -

WBS #: 1.4.2.6.1.2

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

COMMENT:

|   |  |             |            |     |     |      |   |
|---|--|-------------|------------|-----|-----|------|---|
| 1 | EPA DRAFT OF TA-20 LANDFILLS RFI REPORT COMPLETE | On Schedule | 07/26/1996 | / / | / / | CAT3 | 0 |
|---|--|-------------|------------|-----|-----|------|---|

COMMENT:

|   |   |             |            |     |     |      |   |
|---|---|-------------|------------|-----|-----|------|---|
| 1 | EPA DRAFT OF TA-20 SEPTIC SYSTEMS RFI REPORT COMPLETE | On Schedule | 08/09/1996 | / / | / / | CAT3 | 0 |
|---|---|-------------|------------|-----|-----|------|---|

COMMENT:

|   |  |             |            |     |     |      |   |
|---|--|-------------|------------|-----|-----|------|---|
| 1 | EPA DRAFT OF TA-53 WASTE AREAS RFI REPORT COMPLETE | On Schedule | 08/27/1996 | / / | / / | CAT3 | 0 |
|---|--|-------------|------------|-----|-----|------|---|

COMMENT:

|   |  |             |            |     |     |      |   |
|---|--|-------------|------------|-----|-----|------|---|
| 1 | EPA DRAFT OF TA-36 FY95 FIELD WORK RFI REPORT COMPLETE | On Schedule | 01/15/1997 | / / | / / | CAT3 | 0 |
|---|--|-------------|------------|-----|-----|------|---|

COMMENT:

## NARRATIVE

## Narrative

In FY95, the Los Alamos National Laboratory's (Laboratory's) Environmental Restoration (ER) Project submitted Baseline Change Proposal (BCP) LANL-ER-95-002, which included change to the work breakdown structure. On February 9, 1995, the ER Project was given direction by the Department of Energy-Albuquerque ER Program Office to use the baseline proposed in the aforementioned BCP for monthly reporting. The Financial Information System (FIS) transferred prior years' costs from the old ADS structure to the new, but failed to move over actual costs incurred FY to date, yielding large artificial cost variances in the PTS data. LANL personnel have provided the FIS point of contact at DOE-Albuquerque with the information needed for the FY cost data transfer. Until such a time as the official transfer

takes place, variance analysis is based on Project Control System (PCS) data.

## 1. Significant Problems/Issues/Concerns:

Data analysis results for FY94 are not being reported as quickly as hoped, due to a temporary overload of the validation team and restructuring of the sample management office. This may cause delays in completing Resource Conservation and Recovery Act facility investigation (RFI) reports on time.

## 2. Corrective Action:

Reporting Period: 5/1995

ADS/TTP #: ALLA-2002- -

WBS #: 1.4.2.6.1.2

Narrative (Continued):

Field Unit 2 personnel will be working more closely with the Sample Coordination Facility to provide help in assessing the status of samples.

3. Summary Assessment:

Field Unit 2 personnel have commenced several readiness reviews and began field operations at TAs -53, -72, -20, -12/16, -14, and -15. Work is continuing on the RFI report for the 1994 field operations at Technical Area (TA) -18. A sampling and analysis plan for TA-15, R-44/45, was submitted to the EPA for review.

4. Cost Status:

Remediation scope is planned in EW2010301. Baseline change proposal will be submitted reflecting \$2.135M of remediation effort to take place in EW2010302.

Cost Performance Report Cum. to date: \$1844K, 8.2% overrun

5. Schedule Status:

Cost Performance Report Cum. to date: \$2196K, 8.9% behind schedule

6. Technical Status:

Field operations have begun at six of the TAs. Preparations are underway to begin field operations at TA-39 next month. Field Unit 2 personnel have identified six new voluntary corrective actions (VCAs), four at TA-53 and two at TA-20. Also, four new expedited cleanups (ECs) have been identified at TA-15.

7. Major Accomplishments:

Approval of Operable Units 1100 and 1085 RFI work plans received January 3, 1995.

Submitted RFI report for SWMUs 27-001, 27-003, 18-001(a-c), and 18-007 to DOE on February 1, 1995.

Submitted proposals to EPA for 5 potential sites for ECs and 8 VCAs, April 1995.

Completed field work on a VCA at TA-36, PRS 36-002, and a report has been drafted, May 1995.

Reporting Period: 5/1995

ADS/TTP #: ALLA-2002- -

WBS #: 1.4.2.6.1.2

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PROJECT MANAGER'S RATINGS

|                                |                         |
|--------------------------------|-------------------------|
| Cost Rating: SATISFACTORY      | Cost Trend: WORSE       |
| Schedule Rating: SATISFACTORY  | Schedule Trend: WORSE   |
| Technical Rating: SATISFACTORY | Technical Trend: BETTER |
| Overall Rating: SATISFACTORY   | Overall Trend: WORSE    |

Reporting Period: 5/1995

ADS/TTP #: ALLA-2003- -

WBS #: 1.4.2.6.1.3

Title: FIELD UNIT 3 (ADSS 1082, 1122, and 1140)

Installation: LOS ALAMOS NATIONAL LABORATORY

Category: ER

Project Title: AL LAB ER (MSA)

Program Manager's-- FO: DEBORAH GRISWOLD

(505)845-4752

Start Date: 01/01/1995

HQ: BILL SPURGEON

(310)903-8187

Completion Date: 09/29/2004

| B&R Code     | ANNUAL TOTALS (\$000)    |                           |                         |                 |                      |                    |                      |                     |                             |                          |                           |  |
|--------------|--------------------------|---------------------------|-------------------------|-----------------|----------------------|--------------------|----------------------|---------------------|-----------------------------|--------------------------|---------------------------|--|
|              | PY                       | PY                        | CY                      | CY              | CY                   | CY                 | CY                   | CY                  | CY                          | PC                       | PC                        |  |
|              | End FY 94<br>Unobl. Bal. | FY 94 Tot.<br>Uncost.Obl. | FY 95 New<br>Obl. Auth. | Total<br>Avail. | FIS Obl.<br>YTD 5/95 | Prelim.<br>Obl YTD | FIS Cost<br>YTD 5/95 | Prelim.<br>Cost YTD | Proj'd Cur.<br>Yr-End EstCo | End FY 95<br>Unobl. Bal. | FY 95 Tot.<br>Uncost.Obl. |  |
| OE EW2010301 | 0                        | 2,137                     | 1,269                   | 3,406           | 0                    | 0                  | 3,146                | 0                   | 5,682                       | 0                        | 993                       |  |
| OE EW2010302 | 0                        | 0                         | 7                       | 7               | 0                    | 0                  | 0                    | 0                   | 0                           | 0                        | 0                         |  |
| Totals:      | 0                        | 2,137                     | 1,276                   | 3,413           | 0                    | 0                  | 3,146                | 0                   | 5,682                       | 0                        | 993                       |  |

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

EXPENDITURE RATE (\$000)

| MONTH | -----MONTHLY----- |              |          |              |             |            | -----CUMULATIVE----- |       |       |           |          |  |
|-------|-------------------|--------------|----------|--------------|-------------|------------|----------------------|-------|-------|-----------|----------|--|
|       | BCWS              | BCWP         | Prelim   | ACWP         | SCHED VAR   | COST VAR   | BCWS                 | BCWP  | ACWP  | SCHED VAR | COST VAR |  |
| 10    | 859               | 859          | 0        | 464          | 0           | 395        | 859                  | 859   | 464   | 0         | 395      |  |
| 11    | 645               | 645          | 0        | 433          | 0           | 212        | 1,504                | 1,504 | 897   | 0         | 607      |  |
| 12    | -254              | -254         | 0        | 353          | 0           | -607       | 1,250                | 1,250 | 1,250 | 0         | 0        |  |
| 1     | 766               | 635          | 0        | 318          | -131        | 317        | 2,016                | 1,885 | 1,568 | -131      | 317      |  |
| 2     | 660               | 747          | 0        | 519          | 87          | 228        | 2,676                | 2,632 | 2,087 | -44       | 545      |  |
| 3     | 740               | 543          | 0        | 287          | -197        | 256        | 3,416                | 3,175 | 2,374 | -241      | 801      |  |
| 4     | 481               | 242          | 0        | 489          | -239        | -247       | 3,897                | 3,417 | 2,863 | -480      | 554      |  |
| 5     | 579               | 466          | 0        | 283          | -113        | 183        | 4,476                | 3,883 | 3,146 | -593      | 737      |  |
| 6     | 571               | ---          | ---      | ---          | ---         | ---        | ---                  | ---   | ---   | ---       | ---      |  |
| 7     | 547               | ---          | ---      | ---          | ---         | ---        | ---                  | ---   | ---   | ---       | ---      |  |
| 8     | 595               | ---          | ---      | ---          | ---         | ---        | ---                  | ---   | ---   | ---       | ---      |  |
| 9     | 485               | ---          | ---      | ---          | ---         | ---        | ---                  | ---   | ---   | ---       | ---      |  |
|       | <u>6,674</u>      | <u>3,883</u> | <u>0</u> | <u>3,146</u> | <u>-593</u> | <u>737</u> |                      |       |       |           |          |  |

Reporting Period: 5/1995

ADS/TTP #: ALLA-2003- -

WBS #: 1.4.2.6.1.3

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

| ACWP   | BCWP   | BCWS   |
|--------|--------|--------|
| 12,301 | 12,301 | 12,301 |

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

| FY96  | FY97  | FY98  | FY99  | FY00  |
|-------|-------|-------|-------|-------|
| 6,050 | 5,382 | 7,135 | 6,113 | 5,304 |

TOTAL PROJECT PLAN

|     |        |                        |   |
|-----|--------|------------------------|---|
| BAC | 62,153 | Budgeted Mgmt Reserve  | 0 |
| EAC | 62,153 | Remaining Mgmt Reserve | 0 |
| TEC | 0      | Planning Contingency   | 0 |
| TPC | 62,153 | Remaining Contingency  | 0 |
|     |        | Planned R & U          | 0 |
|     |        | Remaining R & U        | 0 |

MILESTONE REPORT

| LEV | TITLE                                      | STATUS    | PLANNED    | FORECAST | ACTUAL     | MILE CATEGORY | FLOAT |
|-----|--|-----------|------------|----------|------------|---------------|-------|
| 1   | EPA DRAFT OF FY93 SG 1 RFI REPORT COMPLETE | Completed | 01/25/1995 | / /      | 01/31/1995 | CAT1          | 0     |

COMMENT:

|   |   |         |            |            |     |      |   |
|---|---|---------|------------|------------|-----|------|---|
| 1 | EPA DRAFT OF TA-33 FY93 SG 1 PHASE II RFI REPORT COMPLETE | Overdue | 04/18/1995 | 09/08/1995 | / / | CAT1 | 0 |
|---|---|---------|------------|------------|-----|------|---|

COMMENT:

Analytical data is late in arriving due to a temporary overload of the validation team. By combining report efforts with milestone # A304112242, the forecast date should be realized.

|   |   |             |            |     |     |      |   |
|---|---|-------------|------------|-----|-----|------|---|
| 1 | EPA DRAFT OF TA-16 RFI WORK PLAN (3) COMPLETE | On Schedule | 07/07/1995 | / / | / / | CAT3 | 0 |
|---|---|-------------|------------|-----|-----|------|---|

COMMENT:

|   |   |                |            |            |     |      |   |
|---|---|----------------|------------|------------|-----|------|---|
| 1 | EPA DRAFT OF TA-33 FY93 SG1 MDA K RFI REPORT COMPLETE | Forecast Delay | 07/24/1995 | 08/30/1995 | / / | CAT2 | 0 |
|---|---|----------------|------------|------------|-----|------|---|

Reporting Period: 5/1995

ADS/TTP #: ALLA-2003- -

WBS #: 1.4.2.6.1.3

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

## COMMENT:

Delays in obtaining analytical data has caused delays in generating the draft report. Once the analytical data is available, combining the reporting efforts with milestone # A304112248 will lead to realization of the forecast date. No regulatory impact is anticipated.

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

## COMMENT:

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

## COMMENT:

|   |                  |             |            |     |     |      |   |
|---|------------------|-------------|------------|-----|-----|------|---|
| 1 | PROJECT COMPLETE | On Schedule | 09/29/2004 | / / | / / | CAT3 | 0 |
|---|------------------|-------------|------------|-----|-----|------|---|

## COMMENT:

## NARRATIVE

Narrative

In FY95, the Los Alamos National Laboratory's (Laboratory's) Environmental Restoration (ER) Project submitted Baseline Change Proposal (BCP) LANL-ER-95-002, which included changes to the work breakdown structure. On February 9, 1995, the ER Project was given direction by the Department of Energy-Albuquerque ER Program Office to use the baseline proposed in the aforementioned BCP for monthly reporting. The Financial Information System (FIS) transferred prior years costs from the old ADS structure to the new, but failed to move over actual costs incurred FY to date, yielding large artificial cost variances in the PTS data. LANL personnel have provided the FIS point of contact at DOE-Albuquerque with the information needed for the FY cost data transfer. Until such a time as the official transfer takes place, variance analysis is based on PCS data.

## 1. Significant Problems/Issues/Concerns:

Shipment of high explosive (HE) contaminated samples from heterogeneous media has the potential to introduce new problems.

Expedited cleanup (EC) and voluntary corrective action (VCA) plans are stalled. The obstacle seems to be waste management issues.

## 2. Corrective Action:

Field Unit 3 personnel are working with persons responsible for packaging and shipping HE sample to identify a mechanism for offsite shipment of HE samples from heterogeneous media.

Waste management continues to be problematic in all aspects of Field Unit 3 field work, specifically EC and VCA plans. However, Group ESH-19 personnel

Reporting Period: 5/1995

ADS/TTP #: ALLA-2003- -

WBS #: 1.4.2.6.1.3

Narrative (Continued):

are cooperating extensively in an attempt to resolve outstanding issues.

3. Summary Assessment:

Surface sampling activities are ongoing at Technical Area (TA) -16, drilling sampling will commence in June. Analytical data from the 1994 sampling campaigns at TA-33 and 46 are being received. Based on a preliminary review of the data packages, there is contamination above screening action levels at both TAs. Sufficient data for the purpose of making potential release site (PRS) decisions has been received for East Site at TA-33. Preliminary decisions have been made for nine East Site PRSs that will be drafted into RFI report format. The decisions will be reviewed again after the write-ups have been completed. The post field operations report from the 1994 field season at TA-33 is complete, and the report for TA-46 is still being prepared.

The waste in the <90-day storage area at TA-46 was removed for disposal.

The OU 1082 RFI Work Plan Addendum 2 has been issued for formal Laboratory and DOE comment. Most comments have been returned, and the impact of incorporating these comments will be minor.

4. Cost Status:

Cost Performance Report Cum. to date: \$737K, 4.6% underrun

5. Schedule Status:

Cost Performance Report Cum. to date: \$593K, 3.5% behind schedule

6. Technical Status:

After completion of negotiations with the Environmental Protection Agency (EPA), the field team is using the LANL HE Spot Test to bias sample locations with EPA consent. Field instrument radiation screening of samples for shipment has been implemented with the approval of the Sample Management Office.

Preliminary decisions for East Site PRSs include 4 no further actions, 4

VCAs, and 1 resample.

7. Major Accomplishments:

Completed Field Unit 3 BCP development, January 21, 1995.

Distributed TA-16 Work Plan 3 for internal review, February 1995.

DATE PRINTED: 06/22/1995

PTS - PROGRAM MANAGER'S REPORT

Page: 22

Reporting Period: 5/1995

ADS/TTP #: ALLA-2003- -

WBS #: 1.4.2.6.1.3

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PROJECT MANAGER'S RATINGS

Cost Rating: SATISFACTORY

Cost Trend: BETTER

Schedule Rating: SATISFACTORY

Schedule Trend: WORSE

Technical Rating: SATISFACTORY

Technical Trend: BETTER

Overall Rating: SATISFACTORY

Overall Trend: BETTER

Reporting Period: 5/1995

ADS/TTP #: ALLA-2004-

WBS #: 1.4.2.6.1.4

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

Installation: LOS ALAMOS NATIONAL LABORATORY

Category: ER

Project Title: AL LAB ER (MSA)

Program Manager's-- FO: DEBORAH GRISWOLD

(505)845-4752

Start Date: 01/01/1995

HQ: BILL SPURGEON

(301)903-8187

Completion Date: 10/03/2009

| B&R Code     | ANNUAL TOTALS (\$000)    |                           |                         |                 |                      |                    |                      |                     |                             |                          |                           |  |    |  |
|--------------|--------------------------|---------------------------|-------------------------|-----------------|----------------------|--------------------|----------------------|---------------------|-----------------------------|--------------------------|---------------------------|--|----|--|
|              | PY                       |                           | CY                      |                 | CY                   |                    | CY                   |                     | CY                          |                          | PC                        |  | PC |  |
|              | End FY 94<br>Unobl. Bal. | FY 94 Tot.<br>Uncost.Obl. | FY 95 New<br>Obl. Auth. | Total<br>Avail. | FIS Obl.<br>YTD 5/95 | Prelim.<br>Obl YTD | FIS Cost<br>YTD 5/95 | Prelim.<br>Cost YTD | Proj'd Cur.<br>Yr-End EstCo | End FY 95<br>Unobl. Bal. | FY 95 Tot.<br>Uncost.Obl. |  |    |  |
| OE EW2010301 | 0                        | 757                       | 9,049                   | 9,806           | 0                    | 0                  | 5,662                | 0                   | 8,515                       | 761                      | 1,863                     |  |    |  |
| OE EW2010302 | 0                        | 0                         | 0                       | 0               | 0                    | 0                  | 0                    | 0                   | 0                           | 0                        | 0                         |  |    |  |
| Totals:      | 0                        | 757                       | 9,049                   | 9,806           | 0                    | 0                  | 5,662                | 0                   | 8,515                       | 761                      | 1,863                     |  |    |  |

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

EXPENDITURE RATE (\$000)

| MONTH | MONTHLY       |              |          |              |           |            | CUMULATIVE |       |       |           |          |
|-------|---------------|--------------|----------|--------------|-----------|------------|------------|-------|-------|-----------|----------|
|       | BCWS          | BCWP         | Prelim   | ACWP         | SCHED VAR | COST VAR   | BCWS       | BCWP  | ACWP  | SCHED VAR | COST VAR |
| 10    | 574           | 574          | 0        | 610          | 0         | -36        | 574        | 574   | 610   | 0         | -36      |
| 11    | 531           | 531          | 0        | 749          | 0         | -218       | 1,105      | 1,105 | 1,359 | 0         | -254     |
| 12    | 825           | 825          | 0        | 571          | 0         | 254        | 1,930      | 1,930 | 1,930 | 0         | 0        |
| 1     | 637           | 495          | 0        | 401          | -142      | 94         | 2,567      | 2,425 | 2,331 | -142      | 94       |
| 2     | 802           | 1,120        | 0        | 1,115        | 318       | 5          | 3,369      | 3,545 | 3,446 | 176       | 99       |
| 3     | 1,153         | 981          | 0        | 297          | -172      | 684        | 4,522      | 4,526 | 3,743 | 4         | 783      |
| 4     | 845           | 1,229        | 0        | 998          | 384       | 231        | 5,367      | 5,755 | 4,741 | 388       | 1,014    |
| 5     | 1,125         | 798          | 0        | 921          | -327      | -123       | 6,492      | 6,553 | 5,662 | 61        | 891      |
| 6     | 967           | ---          | ---      | ---          | ---       | ---        | ---        | ---   | ---   | ---       | ---      |
| 7     | 889           | ---          | ---      | ---          | ---       | ---        | ---        | ---   | ---   | ---       | ---      |
| 8     | 943           | ---          | ---      | ---          | ---       | ---        | ---        | ---   | ---   | ---       | ---      |
| 9     | 1,087         | ---          | ---      | ---          | ---       | ---        | ---        | ---   | ---   | ---       | ---      |
|       | <u>10,378</u> | <u>6,553</u> | <u>0</u> | <u>5,662</u> | <u>61</u> | <u>891</u> |            |       |       |           |          |

Reporting Period: 5/1995

ADS/TTP #: ALLA-2004- -

WBS #: 1.4.2.6.1.4

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

TOTAL PROJECT PLAN

|     |         |                        |   |
|-----|---------|------------------------|---|
| BAC | 201,608 | Budgeted Mgmt Reserve  | 0 |
| EAC | 201,608 | Remaining Mgmt Reserve | 0 |
| TEC | 0       | Planning Contingency   | 0 |
| TPC | 201,608 | Remaining Contingency  | 0 |
|     |         | Planned R & U          | 0 |
|     |         | Remaining R & U        | 0 |

MILESTONE REPORT

| LEV | TITLE  | STATUS         | PLANNED    | FORECAST   | ACTUAL | MILE CATEGORY | FLOAT |
|-----|--|----------------|------------|------------|--------|---------------|-------|
| 1   | EPA DRAFT OF TA-48 PHASE I RFI REPORT COMPLETE | Forecast Delay | 08/30/1995 | 09/25/1995 | / /    | CAT2          | 0     |

COMMENT:

This milestone is expected to be finished on schedule. Network logic will be corrected in June Baseline Re-planning Effort. No regulatory impact is anticipated.

|   |  |                |            |            |     |      |   |
|---|--|----------------|------------|------------|-----|------|---|
| 1 | EPA DRAFT OF TA-35 PHASE 1 RFI REPORT COMPLETE | Forecast Delay | 10/16/1995 | 02/12/1996 | / / | CAT2 | 0 |
|---|--|----------------|------------|------------|-----|------|---|

COMMENT:

The analytical data from aggregates D,E,F,G,H,I are being handled by the earlier management techniques at the Sample Mgmt Facility. Currently the data is not yet available and resulting are milestone delays. No regulatory impact is anticipated.

|   |  |                |            |            |     |      |   |
|---|--|----------------|------------|------------|-----|------|---|
| 1 | EPA DRAFT OF CANYONS CORE RFI WORK PLAN COMPLETE | Forecast Delay | 10/30/1995 | 04/03/1996 | / / | CAT2 | 0 |
|---|--|----------------|------------|------------|-----|------|---|

COMMENT:

Reporting Period: 5/1995

ADS/TTP #: ALLA-2004- -

WBS #: 1.4.2.6.1.4

## MILESTONE REPORT Continued

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

COMMENT (cont.)

On 15 May 95, EPA granted a request for extension for submittal of the Draft Canyons Work Plan from 5/23/95 to 9/20/95. A new milestone for 6/20/95 for "Draft Ch. 1-5 to Pueblos" will be added. Validation comments on schedule optimization and cost reduction were partially responsible for the decision to delay the EPA draft milestone and focus resources on faster completion of Phase I characterization (see narrative section).

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

COMMENT:

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

COMMENT:

|   |  |                |            |            |     |      |   |
|---|--|----------------|------------|------------|-----|------|---|
| 1 | EPA DRAFT OF TA-48 (AGGREGATE K,L,M,N,X,Y) RFI REPORT COMPLETE | Forecast Delay | 08/27/1996 | 10/22/1996 | / / | CAT2 | 0 |
|---|--|----------------|------------|------------|-----|------|---|

COMMENT:

The completion date has been delayed as a direct result of the schedule slippage from the TA-48 EPA Draft Ph1 Rpt/PH2 SAP completion of Aggregates K.L,M.N,X,Y. June Re-planning Effort will correct the delay. No regulatory impact is anticipated.

## NARRATIVE

Narrative

In FY95, the Los Alamos National Laboratory's (Laboratory's) Environmental Restoration (ER) Project submitted Baseline Change Proposal (BCP) LANL-ER-95-002, which included changes to the work breakdown structure. On February 9, 1995, the ER Project was given direction by the Department of Energy-Albuquerque ER Program Office to use the baseline proposed in the aforementioned BCP for monthly reporting. The Financial Information System (FIS) transferred prior years' costs from the old ADS structure to the new,

but failed to move over actual costs incurred FY to date, yielding large artificial cost variances in the PTS data. LANL personnel have provided the FIS point of contact at DOE-Albuquerque with the information needed for the FY cost data transfer. Until such a time as the official transfer takes place, variance analysis is based on PCS data.

1. Significant Problems/Issues/Concerns:

Reporting Period: 5/1995

ADS/TTP #: ALLA-2004- -

WBS #: 1.4.2.6.1.4

Narrative (Continued):

Projected funding cuts will cause deferral of the majority of Field Unit 4 milestones and the accomplishment of Hazardous and Solid Waste Amendments (HSWA) permit requirements to after 2001. The Indian Pueblo stakeholders are very concerned about deferring risk studies on the major transport pathways moving contaminants onto their land. Deferring work in the Field Units FU will cause an estimated 100% variance at completion.

2. Corrective Action:

No corrective action currently identified as cumulative variances do not exceed reportable thresholds.

3. Summary Assessment:

FY95 activities in FU 04 will result in completion of planned Phase I investigations in June. As more data is received, potential solid waste management unit (SWMU) candidates for accelerated cleanups are being identified. An expedited cleanup (EC) plan for two HSWA SWMUs has been written for TA-48.

Field activities have been accelerated to allow for more rapid cleanup decisions. Coupled with the new ER electronic data system, FU activities relating to RFI reports should also be accelerated. A revised technical approach will be used in the development of the FY96 baseline, which should allow for gains in productivity as well as more rapid completion of regulatory milestones.

4. Cost Status:

Cost Performance Report Cum. to date: \$891K, 4.9% underrun

5. Schedule Status:

Cost Performance Report Cum. to date: \$61K, 0.3% ahead of schedule

6. Technical Status:

Accelerated remediations, identified as the RFI Reports are being

generated, are being scheduled to achieve final remedies in FY95. Continued data assessment and data analysis for the TA-48 RFI report.

7. Major Accomplishments:

Completed sampling at Aggregate S (October 1994).

Completed third quarter baseline sampling (January 1995).

Submitted response to Notice of Deficiency for Operable Unit 1129 RFI Work Plan (February 1995).

Completed all TA-41 SWMUs surface sampling (February 1995).

Issued Chapter 1-4 Los Alamos/Pueblo Canyon Work Plan for review (February 1995).

Completed scoring for all potential release sites in FU 4 for the Albuquerque Ranking Model (April 1995).

Completed all surface and subsurface sampling for TA-2 (April 1995).

Completed sampling at Aggregates T, U, V, and W (April 1995).

Completed sampling at Aggregate Q (May 1995).

Completed 4th quarter baseline sampling (May 1995).

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

Reporting Period: 5/1995

ADS/TTP #: ALLA-2004- -

WBS #: 1.4.2.6.1.4

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PROJECT MANAGER'S RATINGS

Cost Rating: SATISFACTORY

Cost Trend: BETTER

Schedule Rating: SATISFACTORY

Schedule Trend: BETTER

Technical Rating: SATISFACTORY

Technical Trend: BETTER

Overall Rating: SATISFACTORY

Overall Trend: BETTER

Reporting Period: 5/1995

ADS/TTP #: ALLA-2005- -

WBS #: 1.4.2.6.1.5

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

Installation: LOS ALAMOS NATIONAL LABORATORY

Category: ER

Project Title: AL LAB ER (MSA)

Program Manager's-- FO: DEBORAH GRISWOLD

(505)845-4752

Start Date: 01/01/1995

HQ: BILL SPURGEON

(301)903-8187

Completion Date: 01/28/2005

| Bsn. Code    | ANNUAL TOTALS (\$000)    |                           |                         |                 |                      |                    |                      |                     |                             |                          |                           |  |
|--------------|--------------------------|---------------------------|-------------------------|-----------------|----------------------|--------------------|----------------------|---------------------|-----------------------------|--------------------------|---------------------------|--|
|              | PY                       | PY                        | CY                      | CY              | CY                   | CY                 | CY                   | CY                  | CY                          | PC                       | PC                        |  |
|              | End FY 94<br>Unobl. Bal. | FY 94 Tot.<br>Uncost.Obl. | FY 95 New<br>Obl. Auth. | Total<br>Avail. | FIS Obl.<br>YTD 5/95 | Prelim.<br>Obl YTD | FIS Cost<br>YTD 5/95 | Prelim.<br>Cost YTD | Proj'd Cur.<br>Yr-End EstCo | End FY 95<br>Unobl. Bal. | FY 95 Tot.<br>Uncost.Obl. |  |
| OE EW2010301 | 0                        | 757                       | 3,587                   | 4,344           | 0                    | 0                  | 6,656                | 0                   | 13,149                      | -2,144                   | -3,327                    |  |
| OE EW2010302 | 0                        | 0                         | 300                     | 300             | 0                    | 0                  | 268                  | 0                   | 133                         | -19                      | -31                       |  |
| OE EW2010304 | 0                        | 0                         | 0                       | 0               | 0                    | 0                  | 0                    | 0                   | 0                           | 0                        | 0                         |  |
| Totals:      | 0                        | 757                       | 3,887                   | 4,644           | 0                    | 0                  | 6,924                | 0                   | 13,282                      | -2,163                   | -3,358                    |  |

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

EXPENDITURE RATE (\$000)

| MONTH | -----MONTHLY----- |        |        |       |           |          | -----CUMULATIVE----- |       |       |           |          |
|-------|-------------------|--------|--------|-------|-----------|----------|----------------------|-------|-------|-----------|----------|
|       | BCWS              | BCWP   | Prelim | ACWP  | SCHED VAR | COST VAR | BCWS                 | BCWP  | ACWP  | SCHED VAR | COST VAR |
| 10    | 2,023             | 2,023  | 0      | 609   | 0         | 1,414    | 2,023                | 2,023 | 609   | 0         | 1,414    |
| 11    | 1,183             | 1,183  | 0      | 760   | 0         | 423      | 3,206                | 3,206 | 1,369 | 0         | 1,837    |
| 12    | -1,084            | -1,084 | 0      | 753   | 0         | -1,837   | 2,122                | 2,122 | 2,122 | 0         | 0        |
| 1     | 1,371             | 1,780  | 0      | 815   | 409       | 965      | 3,493                | 3,902 | 2,937 | 409       | 965      |
| 2     | 628               | -454   | 0      | 1,034 | -1,082    | -1,488   | 4,121                | 3,448 | 3,971 | -673      | -523     |
| 3     | 782               | 423    | 0      | 847   | -359      | -424     | 4,903                | 3,871 | 4,818 | -1,032    | -947     |
| 4     | 598               | 365    | 0      | 986   | -233      | -621     | 5,501                | 4,236 | 5,804 | -1,265    | -1,568   |
| 5     | 2,087             | 304    | 0      | 1,120 | -1,783    | -816     | 7,588                | 4,540 | 6,924 | -3,048    | -2,384   |
| 6     | 745               | ---    | ---    | ---   | ---       | ---      | ---                  | ---   | ---   | ---       | ---      |
| 7     | 520               | ---    | ---    | ---   | ---       | ---      | ---                  | ---   | ---   | ---       | ---      |
| 8     | 562               | ---    | ---    | ---   | ---       | ---      | ---                  | ---   | ---   | ---       | ---      |
| 9     | 509               | ---    | ---    | ---   | ---       | ---      | ---                  | ---   | ---   | ---       | ---      |
|       | 9,924             | 4,540  | 0      | 6,924 | -3,048    | -2,384   |                      |       |       |           |          |

Reporting Period: 5/1995

ADS/TTP #: ALLA-2005- -

WBS #: 1.4.2.6.1.5

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

TOTAL PROJECT PLAN

|     |         |                        |   |
|-----|---------|------------------------|---|
| BAC | 200,426 | Budgeted Mgmt Reserve  | 0 |
| EAC | 200,426 | Remaining Mgmt Reserve | 0 |
| TEC | 0       | Planning Contingency   | 0 |
| TPC | 200,426 | Remaining Contingency  | 0 |
|     |         | Planned R & U          | 0 |
|     |         | Remaining R & U        | 0 |

MILESTONE REPORT

| LEV | TITLE   | STATUS  | PLANNED    | FORECAST   | ACTUAL | MILE CATEGORY | FLOAT |
|-----|---|---------|------------|------------|--------|---------------|-------|
| 1   | EPA DRAFT OF TA-51,-54 STORM CHANNELS RFI REPORT COMPLETE | Overdue | 03/29/1995 | 07/27/1995 | / /    | CAT1          | 0     |

COMMENT:

Awaiting analytical data from the Sample Management Facility; survey/sample locations from Johnson Controls, Inc. to complete the RFI report. Once survey/sample data is received, anticipated recovery is scheduled for July 1995.

|   |   |         |            |            |     |      |   |
|---|---|---------|------------|------------|-----|------|---|
| 1 | EPA DRAFT OF TA-6,-8,-9,-22,-23,-40 RFI REPORT COMPLETE | Overdue | 04/21/1995 | 07/27/1995 | / / | CAT1 | 0 |
|---|---|---------|------------|------------|-----|------|---|

COMMENT:

Awaiting analytical data to complete the development of the RFI report.

|   |  |         |            |            |     |      |   |
|---|--|---------|------------|------------|-----|------|---|
| 1 | EPA DRAFT OF TA-50 SOIL SAMPLING RFI REPORT COMPLETE | Overdue | 05/18/1995 | 08/03/1995 | / / | CAT1 | 0 |
|---|--|---------|------------|------------|-----|------|---|

COMMENT:

Reporting Period: 5/1995

ADS/TTP #: ALLA-2005- -

WBS #: 1.4.2.6.1.5

## MILESTONE REPORT Continued

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

COMMENT (cont.)

The validation is experiencing a temporary overload causing this milestone to slip. It should be recovered by August 1995.

|   |   |                |            |            |     |      |   |
|---|---|----------------|------------|------------|-----|------|---|
| 1 | EPA DRAFT OF TA-54 (PSGS) RFI REPORT COMPLETE | Forecast Delay | 06/06/1995 | 09/18/1995 | / / | CAT2 | 0 |
|---|---|----------------|------------|------------|-----|------|---|

COMMENT:

The start of the development of the RFI report was delayed due to second set of data from Quadrell. This has pushed this milestone to September 1995. No regulatory impact is anticipated.

|   |   |                |            |            |     |      |   |
|---|---|----------------|------------|------------|-----|------|---|
| 1 | EPA DRAFT OF TA-50 SHALLOW BORING RFI REPORT COMPLETE | Forecast Delay | 09/11/1995 | 11/07/1995 | / / | CAT2 | 0 |
|---|---|----------------|------------|------------|-----|------|---|

COMMENT:

Analytical data is late in arriving due to a temporary overload of the validation team. We plan to recover by the planned date. No regulatory impact is anticipated.

|   |  |                |            |            |     |      |   |
|---|--|----------------|------------|------------|-----|------|---|
| 1 | EPA DRAFT OF TA-8 SHALLOW BORING RFI REPORT COMPLETE | Forecast Delay | 12/01/1995 | 02/01/1996 | / / | CAT2 | 0 |
|---|--|----------------|------------|------------|-----|------|---|

COMMENT:

The Preparation for Field Work activity has been delayed, causing this milestone to be pushed out to February 1996.

|   |   |             |            |     |     |      |   |
|---|---|-------------|------------|-----|-----|------|---|
| 1 | REVISED TA-8 SHALLOW BORING RFI REPORT COMPLETE | On Schedule | 01/17/1996 | / / | / / | CAT3 | 0 |
|---|---|-------------|------------|-----|-----|------|---|

COMMENT:

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

COMMENT:



Reporting Period: 5/1995

ADS/TTP #: ALLA-2005- -

WBS #: 1.4.2.6.1.5

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

## COMMENT:

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

## COMMENT:

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

## COMMENT:

|   |   |                |            |            |     |      |   |
|---|---|----------------|------------|------------|-----|------|---|
| 1 | EPA DRAFT OF TA-6/-40 RFI REPORT COMPLETE | Forecast Delay | 04/02/1996 | 07/27/1996 | / / | CAT2 | 0 |
|---|---|----------------|------------|------------|-----|------|---|

## COMMENT:

Delay in activity number A504560252, EPA Draft of TA-6, -8, -9, -22, -23, -40 RFI Report Milestone, has caused this milestone to be pushed out due to late analytical data; however, this milestone may be replanned in the FY96 rebaselining effort.

|   |   |             |            |     |     |      |   |
|---|---|-------------|------------|-----|-----|------|---|
| 1 | EPA DRAFT OF TA-9 MDA M EXPEDITED CLEANUP REPORT COMPLETE | On Schedule | 04/15/1996 | / / | / / | CAT3 | 0 |
|---|---|-------------|------------|-----|-----|------|---|

## COMMENT:

|   |  |             |            |     |     |      |   |
|---|--|-------------|------------|-----|-----|------|---|
| 1 | EPA DRAFT OF TA-50 MDA C RFI REPORT COMPLETE | On Schedule | 04/25/1996 | / / | / / | CAT3 | 0 |
|---|--|-------------|------------|-----|-----|------|---|

## COMMENT:

|   |   |             |            |     |     |      |   |
|---|---|-------------|------------|-----|-----|------|---|
| 1 | EPA DRAFT OF TA-49 AREA 2,2A,2B RFI REPORT COMPLETE | On Schedule | 06/03/1996 | / / | / / | CAT3 | 0 |
|---|---|-------------|------------|-----|-----|------|---|

## COMMENT:

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

Reporting Period: 5/1995

ADS/TTP #: ALLA-2005- -

WBS #: 1.4.2.6.1.5

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

COMMENT:

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

COMMENT:

NARRATIVE

Narrative

In FY95, the Los Alamos National Laboratory's (Laboratory's) Environmental Restoration (ER) Project submitted Baseline Change Proposal (BCP) LANL-ER-95-002, which included changes to the work breakdown structure. On February 9, 1995, the ER Project was given direction by the Department of Energy-Albuquerque ER Program Office to use the baseline proposed in the aforementioned BCP for monthly reporting. The Financial Information System (FIS) transferred prior years' costs from the old ADS structure to the new, but failed to move over actual costs incurred FY to date, yielding large artificial cost variances in the PTS data. LANL personnel have provided the FIS point of contact at DOE-Albuquerque with the information needed for the FY cost data transfer. Until such a time as the official transfer takes place, variance analysis is based on Project Control System (PCS) data.

1. Significant Problems/Issues/Concerns:

No problems/issues/concerns that appear likely to affect the performance of this ADS. The schedule variance has several components. The most important is the shift in emphasis from assessment activities to remediation activities. In particular, although expedited cleanups (ECs) were scheduled for septic systems and Material Disposal Area (MDA) M, the requirements for the EC plans have been greater than were projected when the schedule was developed; instead of a plan only for the cleanup activities, a report equivalent to a Resource Conservation and Recovery Act facility investigation (RFI) report is now required. Developing these

RFI-equivalent reports has required resources that were scheduled for other activities, and, therefore, all other report writing activities have been delayed. Other activities such as tritium sampling at MDAs J and G and MDA F geophysics, are being re-evaluated in the light of decreasing budgets and may be eliminated entirely, for instance, by using surveillance data. These two components account for most of the schedule variance; late receipt of analytical results, equipment breakdowns, and other miscellaneous causes account for the rest.

2. Corrective Action:

Negotiations have begun with the Environmental Protection Agency (EPA) to change deadlines for reports as necessary. As activities are identified that can be eliminated or scaled down, changes will be negotiated with EPA. All changes will be incorporated into the baseline as soon as practicable after they are negotiated with the EPA; some changes will be made in the rebaselining for FY96.

3. Summary Assessment:

Expedited cleanup plans for SWMU 22-015(c), an area stained by the outfall liquid from plating and etching operations, and SWMU 9-013, Material Disposal Area (MDA) M, were submitted to the EPA on May 31. Soil sampling at Technical Areas (TAs) 8 and 9 was completed May 12. Soil sampling and shallow boring began at TAs 6 and 40 on May 22. Drilling at MDAs H and J

Reporting Period: 5/1995

ADS/TTP #: ALLA-2005- -

WBS #: 1 4.2.6.1.5

## Narrative (Continued):

(TA-54) was slightly delayed by equipment unavailability, but is expected to start early in June. A readiness review was held on May 10 for drilling at MDA C, TA-50.

Both field and reporting activities are in progress. Those activities

include:

- preparations for soil sampling at TA-49,
- \* preparations for drilling at MDAs C (TA-50), H, and J (TA-54),
- \* soil sampling at TAs 6 and 40
- \* preparations for expedited cleanups and voluntary corrective actions,
- \* preparation of RFI reports
  - TA-50
  - selected PRSs in TAs 6, 8, 9, and 40
  - stream channel sediment in TA-54, and
- \* regular monitoring
  - pore gas for the MDA L plume at TA-54
  - boreholes at TA-49

Samples currently being analyzed include

- \* soil samples from Fenton Hill Site (TA-57)
- \* shallow boring samples from the areas of decommissioned liquid radioactive waste lines (TA-50), and
- \* samples from drilling in the areas of the pits at MDA L (TA-54).
- \* samples from drilling of the monitoring wells under MDA L (TA-54).

Results are being received, and initial validation is being done.

Focused validation is in progress for the soil samples from selected PRSs in TAs 6, 8, 9, and 40 and for soil gas samples and samples from stream channel sediments at TA-54.

Pilot studies on organic vapor extraction at MDA L, engineered covers for landfills, and stabilization of the plating waste outfall area at TA-22 continue. The pilot studies for the plating waste facility will be integrated into an expedited cleanup plan for this area.

Waste barrels were removed from TAs 50 and 54 in preparation for a New

Mexico Environment Department Resource Conservation and Recovery Act inspection.

## 4. Cost Status:

Cost Performance Report Cum. to date: \$2384K, 8.8% overrun

## 5. Schedule Status:

Cost Performance Report Cum. to date: \$3048K, 10.1% behind schedule

The schedule is 0.1% out of variance threshold. Rebaselining will take place after negotiations with the EPA.

## 6. Technical Status:

Soil sampling began at TAs 6 and 40. SWMU 40-006(a), an active firing site, is being sampled by geophysical location of shrapnel, boring, and surface soil sampling. The sites of several buildings that were destroyed by burning in the 1960s are being investigated by soil sampling in TA-6. Preparations are being made for soil sampling at TA-40.

Modifications to the drill rig for drilling in the MDAs slightly delayed its arrival at Los Alamos. This rig minimizes cuttings and has a filtration system that eliminates dust from drilling in a way that is equivalent to HEPA filtration. Both of these characteristics are extremely important for drilling in areas that may be significantly contaminated.

A readiness review was held for drilling at MDA C (TA-50) on May 10. Drilling is planned to start on July 7. A modification to the drilling plan in the OU 1147 work plan was submitted to EPA. This modification would have significantly decreased the cost of drilling and increased the probability of recovering usable samples. EPA has proposed that some features of the older plan be retained. Resolution will be sought with the EPA. Even if complete agreement is not reached by July 7, drilling will start on vertical and near-vertical holes that are not a subject of discussion.

Reporting Period: 5/1995

ADS/TTP #: ALLA-2005- -

WBS #: 1.4.2.6.1.5

Narrative (Continued):

-----  
Additional PRSs are being proposed for VCAs. Preparations are being made for a readiness review for the SWMU 8-003(a) septic tank expedited cleanup.

The RFI Report for TA-50 soil sampling has been delayed because effort has been directed toward the expedited cleanup plans and because of a lack of clear guidance from EPA. We now expect this report to be submitted to EPA in mid-July. The report will contain recommendations for no further action, for some Phase II characterization, and for a small interim action.

RFI Report for channel sediment sampling at TA-54 is in progress. This report is the first in a series of reports documenting exposure pathways at TA-54.

7. Major Accomplishments:

OU 1111 RFI work plan approved by the EPA, October 1994.

OU 1157 RFI work plan approved by the EPA, October 1994.

Shallow boreholes for decommissioned waste lines at TA-50 completed, October 1994.

Draft TA-50 soil sampling RFI report informally submitted to EPA, December 1994.

Sampling at Fenton Hill Site completed, December 1994.

OU 1154 RFI work plan approved by the EPA, December 1994.

Land and preliminary radiation surveys at TA-49 completed, January 1995.

Drilling on monitoring well at MDA L completed, February 1995.

Pore gas sampling report for MDA L during 1994 completed, March 1995.

Emplacement of two deep monitoring wells for MDA L completed, April 1995.

Phase I sampling for OU 1157 was completed, May 1995.

DATE PRINTED: 06/22/1995

PTS - PROGRAM MANAGER'S REPORT

Page: 35

Reporting Period: 5/1995

ADS/TTP #: ALLA-2005- -

WBS #: 1.4.2.6.1.5

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PROJECT MANAGER'S RATINGS

Cost Rating: SATISFACTORY

Cost Trend: WORSE

Schedule Rating: MINOR CONCERN

Schedule Trend: WORSE

Technical Rating: SATISFACTORY

Technical Trend: BETTER

Overall Rating: SATISFACTORY

Overall Trend: WORSE

Reporting Period: 5/1995

ADS/TTP #: ALLA-2006- -

WBS #: 1.4.2.6.1.6

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

Installation: LOS ALAMOS NATIONAL LABORATORY

Category: ER

Project Title: AL LAB ER (MSA)

Program Manager's-- FO: DEBORAH GRISMOLD

(505)845-4752

Start Date: 01/01/1995

HQ: BILL SPURGEON

(301)903-8187

Completion Date: 01/23/1998

| B&R Code     | ANNUAL TOTALS (\$000)    |                           |                         |                 |                      |                    |                      |                     |                             |                          |                           |  |
|--------------|--------------------------|---------------------------|-------------------------|-----------------|----------------------|--------------------|----------------------|---------------------|-----------------------------|--------------------------|---------------------------|--|
|              | PY                       | PY                        | CY                      | CY              | CY                   | CY                 | CY                   | CY                  | CY                          | PC                       | PC                        |  |
|              | End FY 94<br>Unobl. Bal. | FY 94 Tot.<br>Uncost.Obl. | FY 95 New<br>Obl. Auth. | Total<br>Avail. | FIS Obl.<br>YTD 5/95 | Prelim.<br>Obl YTD | FIS Cost<br>YTD 5/95 | Prelim.<br>Cost YTD | Proj'd Cur.<br>Yr-End EstCo | End FY 95<br>Unobl. Bal. | FY 95 Tot.<br>Uncost.Obl. |  |
| OE EW2010202 | 0                        | 68                        | 979                     | 1,047           | 0                    | 0                  | 586                  | 0                   | 980                         | 393                      | 1,090                     |  |
| Totals:      | 0                        | 68                        | 979                     | 1,047           | 0                    | 0                  | 586                  | 0                   | 980                         | 393                      | 1,090                     |  |

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

EXPENDITURE RATE (\$000)

| MONTH | -----MONTHLY----- |            |          |            |            |           | -----CUMULATIVE----- |      |      |           |          |
|-------|-------------------|------------|----------|------------|------------|-----------|----------------------|------|------|-----------|----------|
|       | BCWS              | BCWP       | Prelim   | ACWP       | SCHED VAR  | COST VAR  | BCWS                 | BCWP | ACWP | SCHED VAR | COST VAR |
| 10    | 23                | 23         | 0        | 90         | 0          | -67       | 23                   | 23   | 90   | 0         | -67      |
| 11    | 14                | 14         | 0        | 45         | 0          | -31       | 37                   | 37   | 135  | 0         | -98      |
| 12    | 238               | 238        | 0        | 140        | 0          | 98        | 275                  | 275  | 275  | 0         | 0        |
| 1     | 278               | 100        | 0        | 77         | -178       | 23        | 553                  | 375  | 352  | -178      | 23       |
| 2     | 145               | 321        | 0        | 76         | 176        | 245       | 698                  | 696  | 428  | -2        | 268      |
| 3     | 133               | 86         | 0        | 110        | -47        | -24       | 831                  | 782  | 538  | -49       | 244      |
| 4     | 21                | 36         | 0        | 67         | 15         | -31       | 852                  | 818  | 605  | -34       | 213      |
| 5     | 93                | 53         | 0        | 167        | -40        | -114      | 945                  | 871  | 772  | -74       | 99       |
| 6     | 127               | ---        | ---      | ---        | ---        | ---       | ---                  | ---  | ---  | ---       | ---      |
| 7     | 65                | ---        | ---      | ---        | ---        | ---       | ---                  | ---  | ---  | ---       | ---      |
| 8     | 156               | ---        | ---      | ---        | ---        | ---       | ---                  | ---  | ---  | ---       | ---      |
| 9     | 147               | ---        | ---      | ---        | ---        | ---       | ---                  | ---  | ---  | ---       | ---      |
|       | <u>1,440</u>      | <u>871</u> | <u>0</u> | <u>772</u> | <u>-74</u> | <u>99</u> |                      |      |      |           |          |

Reporting Period: 5/1995

ADS/TTP #: ALLA-2006- -

WBS #: 1.4.2.6.1.6

| -----PRIOR YEARS COSTS----- |       |       | -----OUT YEAR COSTS----- |       |      |      |      |
|-----------------------------|-------|-------|--------------------------|-------|------|------|------|
| ACWP                        | BCWP  | BCWS  | FY96                     | FY97  | FY98 | FY99 | FY00 |
| 5,171                       | 5,171 | 5,171 | 4,417                    | 1,863 | 299  | 0    | 0    |

TOTAL PROJECT PLAN

|     |        |                        |   |
|-----|--------|------------------------|---|
| BAC | 13,189 | Budgeted Mgmt Reserve  | 0 |
| EAC | 13,189 | Remaining Mgmt Reserve | 0 |
| TEC | 0      | Planning Contingency   | 0 |
| TPC | 13,189 | Remaining Contingency  | 0 |
|     |        | Planned R & U          | 0 |
|     |        | Remaining R & U        | 0 |

MILESTONE REPORT

| LEV | TITLE                    | STATUS  | PLANNED    | FORECAST   | ACTUAL | MILE CATEGORY | FLOAT |
|-----|--------------------------|---------|------------|------------|--------|---------------|-------|
| 3   | OU 1127 CLOSURE COMPLETE | Overdue | 03/21/1995 | 07/28/1995 | / /    | CAT1          | 0     |

COMMENT:

Draft closure plan was submitted to the New Mexico Environment Department in November 1994. This milestone cannot be completed until the report is approved by NMED.

|   |                          |         |            |            |     |      |   |
|---|--------------------------|---------|------------|------------|-----|------|---|
| 3 | OU 1135 CLOSURE COMPLETE | Overdue | 03/21/1995 | 07/28/1995 | / / | CAT1 | 0 |
|---|--------------------------|---------|------------|------------|-----|------|---|

COMMENT:

The closure report was submitted to the New Mexico Environment Department on 3/27/95. This milestone cannot be completed until NMED approves the closure report.

|   |                        |             |            |     |     |      |   |
|---|------------------------|-------------|------------|-----|-----|------|---|
| 3 | MDA P CLOSURE COMPLETE | On Schedule | 01/23/1998 | / / | / / | CAT3 | 0 |
|---|------------------------|-------------|------------|-----|-----|------|---|

COMMENT:

Reporting Period: 5/1995

ADS/TTP #: ALLA-2006- -

WBS #: 1.4.2.6.1.6

## Narrative

In FY95, the Los Alamos National Laboratory's (Laboratory's) Environmental Restoration (ER) Project submitted Baseline Change Proposal (BCP) LANL-ER-95-002, which included changes to the work breakdown structure. On February 9, 1995, the ER Project was given direction by the Department of Energy-Albuquerque ER Program Office to use the baseline proposed in the aforementioned BCP for monthly reporting. The Financial Information System (FIS) transferred prior years' costs from the old ADS structure to the new, but failed to move over actual costs incurred FY to date, yielding large artificial cost variances in the PTS data. LANL personnel have provided the FIS point of contact at DOE-Albuquerque with the information needed for the FY cost transfer. Until such a time as the official transfer takes place, variance analysis is based on PCS data.

## 1. Significant Problems/Issues/Concerns:

New Mexico Environment Department (NMED) has not completed review of the Material Disposal Area (MDA) P Closure Plan. Significant contractor effort was diverted to develop the Closure Plan to meet regulatory requirements. It is anticipated that this may result in cost overruns for this task.

## 2. Corrective Action:

Cost savings may be realized from development of support plans for this activity. A close examination of costs will be made to determine actual cost overruns, if any.

## 3. Summary Assessment:

The Closure Plan for MDA P delivered to the NMED in February is still in review.

The closure report for TA-40 was submitted to NMED on March 27, 1995. We are presently awaiting approval/comments on the report.

NMED issued a TA-35 TSL-85 Draft Amended Closure Plan for public comment on

## NARRATIVE

April 10, 1995. The Laboratory responded to NMED draft on May 20, 1995.

## 4. Cost Status:

Cost Performance Report Cum. to date: \$100K, 1.6% underrun

## 5. Schedule Status:

Cost Performance Report Cum. to date: \$74K, 1.2% behind schedule

## 6. Technical Status:

Field work at TA-35 will not proceed until approvals are received from the NMED on the Notice of Deficiency or a new closure plan is approved.

Supporting plans have been reviewed. Review comments are in resolution and final plans are in development.

## 7. Major Accomplishments:

Completed cleanup of one of the two sites (the burn cage and surrounding soils) (October 15, 1994).

Submitted amended Closure Plan for second surface impoundment (TSL-85) (November 1, 1994).

Completed cleanup of the east burn area (December 27, 1994).

Submitted draft Closure Plan for MDA P to NMED (February 8, 1995).

Developed and submitted Records Management, Quality Assurance, Health and Safety, Waste Management, Sample Analysis, and Project Plans for MDA P for internal review (February 13, 1995).

Backfilled TA-40 site (February 16, 1995).

Reporting Period: 5/1995

ADS/TTP #: ALLA-2006- -

WBS #: 1.4.2.6.1.6

Narrative (Continued):

-----  
Distributed draft TA-40 Closure Plan for internal review (February 24, 1995).

Completed Laboratory review of H&S Plan (March 8, 1995).

Completed Laboratory review of Waste Management Plan (March 15, 1995).

Submitted TA-40 Closure Report NMED (March 27, 1995).

Submitted comments on NMED's TA-35, TSL-85 Draft Amended Closure Plan (May 20, 1995).

Reporting Period: 5/1995

ADS/TTP #: ALLA-2006- -

WBS #: 1.4.2.6.1.6

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PROJECT MANAGER'S RATINGS

Cost Rating: SATISFACTORY

Cost Trend: BETTER

Schedule Rating: SATISFACTORY

Schedule Trend: WORSE

Technical Rating: SATISFACTORY

Technical Trend: BETTER

Overall Rating: SATISFACTORY

Overall Trend: BETTER



Reporting Period: 5/1995

ADS/TTP #: ALLA-3001- -

WBS #: 1.4.2.6.2.1

EXPENDITURE RATE (\$000) Continued

| MONTH                       | -----MONTHLY----- |              |                          |              |             |            | -----CUMULATIVE----- |       |        |           |          |
|-----------------------------|-------------------|--------------|--------------------------|--------------|-------------|------------|----------------------|-------|--------|-----------|----------|
|                             | BCWS              | BCWP         | Prelim                   | ACWP         | SCHED VAR   | COST VAR   | BCWS                 | BCWP  | ACWP   | SCHED VAR | COST VAR |
|                             | <u>7,493</u>      | <u>5,014</u> | <u>0</u>                 | <u>4,249</u> | <u>-819</u> | <u>765</u> |                      |       |        |           |          |
| -----PRIOR YEARS COSTS----- |                   |              | -----OUT YEAR COSTS----- |              |             |            |                      |       |        |           |          |
| ACWP                        | BCWP              | BCWS         |                          |              | FY96        | FY97       | FY98                 | FY99  | FY00   |           |          |
| 11,131                      | 11,131            | 11,131       |                          |              | 9,170       | 9,749      | 9,220                | 9,994 | 16,411 |           |          |

TOTAL PROJECT PLAN

|     |        |                        |   |
|-----|--------|------------------------|---|
| BAC | 91,748 | Budgeted Mgmt Reserve  | 0 |
| EAC | 91,748 | Remaining Mgmt Reserve | 0 |
| TEC | 0      | Planning Contingency   | 0 |
| TPC | 91,748 | Remaining Contingency  | 0 |
|     |        | Planned R & U          | 0 |
|     |        | Remaining R & U        | 0 |

MILESTONE REPORT

| LEV | TITLE                                      | STATUS    | PLANNED    | FORECAST | ACTUAL     | MILE CATEGORY | FLOAT |
|-----|--|-----------|------------|----------|------------|---------------|-------|
| 2   | PHASE SEPARATOR PIT PROJECT PLANS COMPLETE | Completed | 01/25/1995 | / /      | 01/25/1995 |               | 0     |

COMMENT:

No milestone category can be entered if the type of milestone is "PEG", or Program Execution Guidance.

|   |   |             |            |     |     |  |   |
|---|---|-------------|------------|-----|-----|--|---|
| 2 | TA-16 HIGH EXPLOSIVES FACILITY PROJECT PLANS COMPLETE | On Schedule | 08/31/1995 | / / | / / |  | 0 |
|---|---|-------------|------------|-----|-----|--|---|

COMMENT:

Reporting Period: 5/1995

ADS/TTP #: ALLA-3001- -

WBS #: 1.4.2.6.2.1

## MILESTONE REPORT Continued

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

COMMENT (cont.)

No milestone category can be entered if the type of milestone is "PEG", or Program Execution Guidance.

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

COMMENT:

No milestone category can be entered if the type of milestone is "PEG", or Program Execution Guidance.

|   |                                     |             |            |     |     |  |   |
|---|-------------------------------------|-------------|------------|-----|-----|--|---|
| 2 | TA-16: HIGH EXPLOSIVES FINAL REPORT | On Schedule | 05/15/1997 | / / | / / |  | 0 |
|---|-------------------------------------|-------------|------------|-----|-----|--|---|

COMMENT:

No milestone category can be entered if the type of milestone is "PEG", or Program Execution Guidance.

|   |                                  |             |            |     |     |      |   |
|---|----------------------------------|-------------|------------|-----|-----|------|---|
| 2 | PHASE SEPERATOR PIT FINAL REPORT | On Schedule | 09/27/1997 | / / | / / | CAT3 | 0 |
|---|----------------------------------|-------------|------------|-----|-----|------|---|

COMMENT:

## NARRATIVE

## Narrative

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

In FY95, the Los Alamos National Laboratory's (Laboratory's) Environmental Restoration (ER) Project submitted Baseline Change Proposal (BCP) LANL-ER-95-002, which included change to the work breakdown structure. On

February 9, 1995, the ER Project was given direction by the Department of Energy-Albuquerque ER Program Office to use the baseline proposed in the aforementioned BCP for monthly reporting. The Financial Information System (FIS) transferred prior years' costs from the old ADS structure to the new, but failed to move over actual costs incurred FY to date, yielding large

Reporting Period: 5/1995

ADS/TTP #: ALLA-3001- -

WBS #: 1.4.2.6.2.1

## Narrative (Continued):

artificial cost variances in the PTS data. LANL personnel have provided the FIS point of contact at DOE-Albuquerque with the information needed for the FY cost data transfer. Until such a time as the official transfer takes place, variance analysis is based on PCS data.

## Significant Problems/Issues/Concerns:

D&D personnel are waiting for DOE approval of National Environmental Policy Act categorical exclusion for TA-16.

The High Speed Impact test was finally conducted and TA-35 Decommissioning project's schedule has been delayed about a month. Certain parts of the overhead duct work removal activity were stopped due to the high speed impact test being conducted. This could cause a domino effect as Phase 2 cannot start until all Phase 1 activities are completed. Concurrently, the contract for Phases 2-6 has not been awarded due to contracting regulations.

## 2. Corrective Action:

We have provided the State with additional information about the HE project the need for the burn permit.

TA-35 Phase Separator Pit work will resume.

## 3. Summary Assessment:

The site characterization for the High Explosives project is complete and preparation of the decommissioning plans are in progress. Procurement of a decommissioning contractor, historical evaluation, and NEPA determination are also in progress and should be complete in time to start remediation late this summer. Final selection of four contractors has been made.

The TA-35 Phase Separator Pit Decommissioning work continued with the removal of overhead ductwork and exhaust hoods 80% complete. The project Decommissioning is delayed until the high speed impact test is conducted. Work crews are working miscellaneous activities.

D&D personnel completed TA-21 Building 4 South dismantlement. Completed site-specific health and safety plan for filter buildings (146 and 324) and all field sampling. Completed draft filter building project management plan.

## 4. Cost Status:

Cost Performance Report Cum. to date: \$765K, 4.7% underrun

## 5. Schedule Status:

Cost Performance Report Cum. to date: \$819K, 1.2% behind schedule

## 6. Technical Status:

D&D personnel are considering further waste minimization measures such as: stripping the lead-based paint, crushing the concrete for reuse, and recycling the wood. Efforts to form a Value Engineering team to specifically address waste minimization are underway.

A "Phase 6" was added to the Statement of Work on the bid package to determine if additional work to remove the short under-floor ducts in Building 2, TA-35, could also be removed within the original budget. The lowest bids do allow for Phase 6 work to be included in the contract award.

## 7. Major Accomplishments:

Completed all necessary plans for the start of the TA-35 phase separator pit decommissioning project operations, January 30, 1995.

Completed readiness review for phase separator pit project, January 31, 1995.

Completed bid package for external contractors, February 24, 1995.

Completed report on proposed effects and treatment of effects for the HE project and sent it to the State Historic Preservation Officer for approval, February 28, 1995.

Reporting Period: 5/1995

ADS/TTP #: ALLA-3001- -

WBS #: 1.4.2.6.2.1

Narrative (Continued):

-----  
Completed the short-list selection for the remediation contractor, March 30, 1995. This contract is a Basic Ordering Agreement that can be used for other decommissioning projects and remedial actions besides this one. It will greatly shorten procurement times in the future.

Completed Building 21-4 South dismantlement, May 1995.

Reporting Period: 5/1995

ADS/TTP #: ALLA-3001- -

WBS #: 1.4.2.6.2.1

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PROJECT MANAGER'S RATINGS

|                                |                         |
|--------------------------------|-------------------------|
| Cost Rating: SATISFACTORY      | Cost Trend: WORSE       |
| Schedule Rating: SATISFACTORY  | Schedule Trend: BETTER  |
| Technical Rating: SATISFACTORY | Technical Trend: BETTER |
| Overall Rating: SATISFACTORY   | Overall Trend: BETTER   |

Reporting Period: 5/1995

ADS/TTP #: ALLA-2107- -

WBS #: 1.4.2.6.3.7

Title: ENVIRONMENTAL RESTORATION MANAGEMENT (INCLUDES D&D)

Installation: LOS ALAMOS NATIONAL LABORATORY

Category: ER

Project Title: AL LAB ER (MSA)

Program Manager's-- FO: DEBORAH GRISWOLD

(505)845-4752

Start Date:

10/02/1989

HQ: BILL SPURGEON

(301)903-8187

Completion Date:

10/27/2010

ANNUAL TOTALS (\$000)

| B&R Code     | PY<br>End FY 94<br>Unobl. Bal. | PY<br>FY 94 Tot.<br>Uncost.Obl. | CY<br>FY 95 New<br>Obl. Auth. | CY<br>Total<br>Avail. | CY<br>FIS Obl.<br>YTD 5/95 | CY<br>Prelim.<br>Obl YTD | CY<br>FIS Cost<br>YTD 5/95 | CY<br>Prelim.<br>Cost YTD | CY<br>Proj'd Cur.<br>Yr-End EstCo | PC<br>End FY 95<br>Unobl. Bal. | PC<br>FY 95 Tot.<br>Uncost.Obl. |
|--------------|--------------------------------|---------------------------------|-------------------------------|-----------------------|----------------------------|--------------------------|----------------------------|---------------------------|-----------------------------------|--------------------------------|---------------------------------|
| OE EW2010301 | 0                              | 6,083                           | 11,184                        | 17,267                | 3,820                      | 0                        | 13,711                     | 0                         | 19,394                            | 497                            | -1,445                          |
| OE EW2010401 | 0                              | 130                             | 1,361                         | 1,491                 | 0                          | 0                        | 1,052                      | 0                         | 2,482                             | 63                             | -54                             |
| OE EX2010401 | 0                              | 65                              | 42                            | 107                   | 0                          | 0                        | 23                         | 0                         | 68                                | -4                             | -11                             |
| Totals:      | 0                              | 6,278                           | 12,587                        | 18,865                | 3,820                      | 0                        | 14,786                     | 0                         | 21,944                            | 556                            | -1,510                          |

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

EXPENDITURE RATE (\$000)

| MONTH | -----MONTHLY----- |               |          |               |               |             | -----CUMULATIVE----- |        |        |           |          |
|-------|-------------------|---------------|----------|---------------|---------------|-------------|----------------------|--------|--------|-----------|----------|
|       | BCWS              | BCWP          | Prelim   | ACWP          | SCHED VAR     | COST VAR    | BCWS                 | BCWP   | ACWP   | SCHED VAR | COST VAR |
| 10    | 682               | 682           | 0        | 1,711         | 0             | -1,029      | 682                  | 682    | 1,711  | 0         | -1,029   |
| 11    | 648               | 648           | 0        | 1,464         | 0             | -816        | 1,330                | 1,330  | 3,175  | 0         | -1,845   |
| 12    | 3,314             | 3,314         | 0        | 1,469         | 0             | 1,845       | 4,644                | 4,644  | 4,644  | 0         | 0        |
| 1     | 1,748             | 1,438         | 0        | 1,027         | -310          | 411         | 6,392                | 6,082  | 5,671  | -310      | 411      |
| 2     | 1,600             | 2,117         | 0        | 2,528         | 517           | -411        | 7,992                | 8,199  | 8,199  | 207       | 0        |
| 3     | 4,479             | 2,882         | 0        | 1,946         | -1,597        | 936         | 12,471               | 11,081 | 10,145 | -1,390    | 936      |
| 4     | 1,324             | 1,301         | 0        | 2,103         | -23           | -802        | 13,795               | 12,382 | 12,248 | -1,413    | 134      |
| 5     | 1,470             | 1,614         | 0        | 2,538         | 144           | -924        | 15,265               | 13,996 | 14,786 | -1,269    | -790     |
| 6     | 1,431             | ---           | ---      | ---           | ---           | ---         | ---                  | ---    | ---    | ---       | ---      |
| 7     | 1,312             | ---           | ---      | ---           | ---           | ---         | ---                  | ---    | ---    | ---       | ---      |
| 8     | 1,483             | ---           | ---      | ---           | ---           | ---         | ---                  | ---    | ---    | ---       | ---      |
| 9     | 1,306             | ---           | ---      | ---           | ---           | ---         | ---                  | ---    | ---    | ---       | ---      |
|       | <u>20,797</u>     | <u>13,996</u> | <u>0</u> | <u>14,786</u> | <u>-1,269</u> | <u>-790</u> |                      |        |        |           |          |

Reporting Period: 5/1995

ADS/TTP #: ALLA-2107-

WBS #: 1.4.2.6.3.7

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

| ACWP   | BCWP   | BCWS   |
|--------|--------|--------|
| 51,500 | 51,500 | 51,500 |

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

| FY96   | FY97   | FY98   | FY99   | FY00   |
|--------|--------|--------|--------|--------|
| 13,587 | 13,052 | 14,061 | 14,427 | 14,794 |

TOTAL PROJECT PLAN

|     |         |                        |       |
|-----|---------|------------------------|-------|
| BAC | 199,961 | Budgeted Mgmt Reserve  | 2,642 |
| EAC | 199,961 | Remaining Mgmt Reserve | 2,642 |
| TEC | 0       | Planning Contingency   | 4,299 |
| TPC | 199,961 | Remaining Contingency  | 4,299 |
|     |         | Planned R & U          | 0     |
|     |         | Remaining R & U        | 0     |

MILESTONE REPORT

| LEV | TITLE                              | STATUS    | PLANNED    | FORECAST | ACTUAL     | MILE CATEGORY | FLOAT |
|-----|------------------------------------|-----------|------------|----------|------------|---------------|-------|
| 1   | PERMIT MODIFICATION FY95 COMPLETED | Completed | 01/31/1995 | / /      | 01/31/1995 | CAT3          | 0     |

COMMENT:

|   |                           |           |            |     |            |      |   |
|---|---------------------------|-----------|------------|-----|------------|------|---|
| 1 | FY95 IWP SUBMITTED TO EPA | Completed | 02/28/1995 | / / | 02/28/1995 | CAT3 | 0 |
|---|---------------------------|-----------|------------|-----|------------|------|---|

COMMENT:

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

COMMENT:

|   |  |             |            |     |     |      |   |
|---|--|-------------|------------|-----|-----|------|---|
| 1 | 2ND QUARTER FY95 REPORT SUBMITTED TO EPA | On Schedule | 06/30/1995 | / / | / / | CAT3 | 0 |
|---|--|-------------|------------|-----|-----|------|---|

COMMENT:

1 PERMIT MODIFICATION FY95 COMPLETED

On Schedule

07/31/1995

/

/

CAT3

0

Reporting Period: 5/1995

ADS/TTP #: ALLA-2107- -

WBS #: 1.4.2.6.3.7

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

COMMENT:

|   |  |             |            |     |     |      |   |
|---|--|-------------|------------|-----|-----|------|---|
| 1 | 3RD QUARTER FY95 REPORT SUBMITTED TO EPA | On Schedule | 09/29/1995 | / / | / / | CAT3 | 0 |
|---|--|-------------|------------|-----|-----|------|---|

COMMENT:

|   |  |             |            |     |     |      |   |
|---|--|-------------|------------|-----|-----|------|---|
| 1 | 4TH QUARTER FY95 REPORT SUBMITTED TO EPA | On Schedule | 12/29/1995 | / / | / / | CAT3 | 0 |
|---|--|-------------|------------|-----|-----|------|---|

COMMENT:

|   |  |             |            |     |     |      |   |
|---|--|-------------|------------|-----|-----|------|---|
| 1 | 1ST QUARTER FY96 REPORT SUBMITTED TO EPA | On Schedule | 03/29/1996 | / / | / / | CAT3 | 0 |
|---|--|-------------|------------|-----|-----|------|---|

COMMENT:

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

COMMENT:

|   |                   |             |            |     |     |      |   |
|---|-------------------|-------------|------------|-----|-----|------|---|
| 1 | FY96 IWP COMPLETE | On Schedule | 11/19/1996 | / / | / / | CAT3 | 0 |
|---|-------------------|-------------|------------|-----|-----|------|---|

COMMENT:

|   |                  |             |            |     |     |      |   |
|---|------------------|-------------|------------|-----|-----|------|---|
| 1 | PROJECT COMPLETE | On Schedule | 10/03/2009 | / / | / / | CAT3 | 0 |
|---|------------------|-------------|------------|-----|-----|------|---|

COMMENT:

NARRATIVE

Reporting Period: 5/1995

ADS/TTP #: ALLA-2107- -

WBS #: 1.4.2.6.3.7

## Narrative

## 1. Significant Problems/Issues/Concerns:

The Project Office is working with the Department of Energy (DOE) to streamline project controls and to reduce the complexity of the control system, thereby reducing depth of documentation and tracking.

## 2. Corrective Action:

No corrective action currently identified as cumulative variances do not exceed reportable thresholds.

## 3. Summary Assessment:

This is the programmatic management Activity Data Sheet for the ER Program, which includes all planning, scheduling, cost estimating, staffing, reporting, controlling, and related management functions. The Project Management Office, upper-level management support functions, and the Project Control Team are included.

Held two public meetings, one on permit modification and one on public involvement plan and industrial land use, on May 9 and May 30, 1995.

## 4. Cost Status:

Cost Performance Report Cum. to date: \$791K, 1.2% overrun

## 5. Schedule Status:

Cost Performance Report Cum. to date: \$1269K, 1.9%

## 6. Technical Status:

Presented the draft Guidance for Evaluation of VOC Transport using a Soil Gas Model to the Project Consistency Team. Developed document entitled "Issues Relating to Calculation of Radionuclide Cleanup Guidelines" in cooperation with Decontamination and Decommissioning Field Team. Document will be used to document assumptions needed for clean up levels for radionuclides and to communicate our decisions and remaining issues with

the DOE.

Working with Human Health Risk Assessment team to incorporate ecological screening methodology into human health Screening Assessment Methodology policy paper. Continued development of documentation and a user's manual for the ECOTRAN ecosystem model. Continued work on design studies to provide information for conducting Laboratory-wide ecological risk assessments. Continued interaction with State of New Mexico Office of Natural Resources Trustee representatives and with representatives from the Albuquerque and Los Alamos DOE offices to implement establishment of a Trustee Council and initiate appropriate NRDA activities.

## 7. Major Accomplishments:

Completed the Action Plan for Knowledge of Process per New Mexico Environment Department's compliance order (October 1994).

Completed survey of Technical Area 73 sampling activities at the airport (October 1994).

Completed survey of the drilling activities at the mercury SWMU, TA-3, SM-30 (October 1994).

Developed and submitted statements of work for ER QA support and QAPP development and review of sampling management activities (October 1994).

Completed installation of new estimating software (G2) and ensured G2/FINESTHOUR interface (October 1994).

Submitted BCP LANL-ER-95-001, consistent with the ER Project's Action Plan (October 21, 1994).

Established strategy for determining subproject target numbers and established preliminary targets within DOE funding constraints (December 1994).

Completed BUS review of overhead application algorithms and received

Reporting Period: 5/1995

ADS/TTP #: ALLA-2107- -

WBS #: 1.4.2.6.3.7

Narrative (Continued):

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validation of ER MCS methods (December 1994).

Completed closeout of FY94 Baseline Validation Findings and transmitted final report to Ted Taylor of the Los Alamos Area Office (December 1994).

Completed PARADE training for project leaders and cost/schedule analysts (December 1994).

Completed internal BCP QA criteria for both estimate and technical scope relative to the Action Plan commitments (December 1994).

Updated Installation Work Plan (February 1995).

Reporting Period: 5/1995

ADS/TTP #: ALLA-2107- -

WBS #: 1.4.2.6.3.7

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PROJECT MANAGER'S RATINGS

|                                |                         |
|--------------------------------|-------------------------|
| Cost Rating: SATISFACTORY      | Cost Trend: WORSE       |
| Schedule Rating: SATISFACTORY  | Schedule Trend: BETTER  |
| Technical Rating: SATISFACTORY | Technical Trend: BETTER |
| Overall Rating: SATISFACTORY   | Overall Trend: BETTER   |

Reporting Period: 5/1995

ADS/TTP #: ALLA-2105-

WBS #: 1.4.2.6.3.8

Title: PROGRAMMATIC TECH SUPPORT

Installation: LOS ALAMOS NATIONAL LABORATORY

Category: ER

Project Title: AL LAB ER (MSA)

Program Manager's-- FO: DEBORAH GRISWOLD

(505)845-4752

Start Date: 10/01/1990

HQ: BILL SPURGEON

(301)903-8187

Completion Date: 09/30/1999

ANNUAL TOTALS (\$000)

| Code         | PY                       | PY                        | CY                      | CY              | CY                   |                    | CY                   |                     | CY                          |                          | PC                        | PC |
|--------------|--------------------------|---------------------------|-------------------------|-----------------|----------------------|--------------------|----------------------|---------------------|-----------------------------|--------------------------|---------------------------|----|
|              | End FY 94<br>Unobl. Bal. | FY 94 Tot.<br>Uncost.Obl. | FY 95 New<br>Obl. Auth. | Total<br>Avail. | FIS Obl.<br>YTD 5/95 | Prelim.<br>Obl YTD | FIS Cost<br>YTD 5/95 | Prelim.<br>Cost YTD | Proj'd Cur.<br>Yr-End EstCo | End FY 95<br>Unobl. Bal. | FY 95 Tot.<br>Uncost.Obl. |    |
| OE EW2010301 | 0                        | 6,083                     | 3,144                   | 9,227           | -228                 | 0                  | 3,833                | 0                   | 5,147                       | -561                     | -792                      |    |
| Totals:      | 0                        | 6,083                     | 3,144                   | 9,227           | -228                 | 0                  | 3,833                | 0                   | 5,147                       | -561                     | -792                      |    |

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

EXPENDITURE RATE (\$000)

| MONTH | -----MONTHLY----- |              |          |              |             |             | -----CUMULATIVE----- |       |       |           |          |
|-------|-------------------|--------------|----------|--------------|-------------|-------------|----------------------|-------|-------|-----------|----------|
|       | BCWS              | BCWP         | Prelim   | ACWP         | SCHED VAR   | COST VAR    | BCWS                 | BCWP  | ACWP  | SCHED VAR | COST VAR |
| 10    | 1,419             | 1,419        | 0        | 626          | 0           | 793         | 1,419                | 1,419 | 626   | 0         | 793      |
| 11    | 1,347             | 1,347        | 0        | 573          | 0           | 774         | 2,766                | 2,766 | 1,199 | 0         | 1,567    |
| 12    | -1,053            | -1,053       | 0        | 514          | 0           | -1,567      | 1,713                | 1,713 | 1,713 | 0         | 0        |
| 1     | 348               | 130          | 0        | 305          | -218        | -175        | 2,061                | 1,843 | 2,018 | -218      | -175     |
| 2     | 326               | 510          | 0        | 424          | 184         | 86          | 2,387                | 2,353 | 2,442 | -34       | -89      |
| 3     | 423               | 348          | 0        | 404          | -75         | -56         | 2,810                | 2,701 | 2,846 | -109      | -145     |
| 4     | 279               | 282          | 0        | 530          | 3           | -248        | 3,089                | 2,983 | 3,376 | -106      | -393     |
| 5     | 332               | 299          | 0        | 457          | -33         | -158        | 3,421                | 3,282 | 3,833 | -139      | -551     |
| 6     | 345               | ---          | ---      | ---          | ---         | ---         | ---                  | ---   | ---   | ---       | ---      |
| 7     | 269               | ---          | ---      | ---          | ---         | ---         | ---                  | ---   | ---   | ---       | ---      |
| 8     | 300               | ---          | ---      | ---          | ---         | ---         | ---                  | ---   | ---   | ---       | ---      |
| 9     | 251               | ---          | ---      | ---          | ---         | ---         | ---                  | ---   | ---   | ---       | ---      |
|       | <u>4,586</u>      | <u>3,282</u> | <u>0</u> | <u>3,833</u> | <u>-139</u> | <u>-551</u> |                      |       |       |           |          |

Reporting Period: 5/1995

ADS/TTP #: ALLA-2105- -

WBS #: 1.4.2.6.3.8

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

| ACWP   | BCWP   | BCWS   |
|--------|--------|--------|
| 45,696 | 45,696 | 45,696 |

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

| FY96  | FY97  | FY98  | FY99  | FY00  |
|-------|-------|-------|-------|-------|
| 1,638 | 1,622 | 1,709 | 1,757 | 1,468 |

TOTAL PROJECT PLAN

|     |        |                        |   |
|-----|--------|------------------------|---|
| BAC | 64,722 | Budgeted Mgmt Reserve  | 0 |
| EAC | 64,722 | Remaining Mgmt Reserve | 0 |
| TEC | 0      | Planning Contingency   | 0 |
| TPC | 64,722 | Remaining Contingency  | 0 |
|     |        | Planned R & U          | 0 |
|     |        | Remaining R & U        | 0 |

MILESTONE REPORT

| LEV | TITLE                      | STATUS      | PLANNED    | FORECAST | ACTUAL | MILE CATEGORY | FLOAT |
|-----|----------------------------|-------------|------------|----------|--------|---------------|-------|
| 1   | SITE-WIDE REPORT COMPLETED | On Schedule | 06/30/1995 | / /      | / /    | CAT3          | 0     |

COMMENT:

|   |                  |             |            |     |     |      |   |
|---|------------------|-------------|------------|-----|-----|------|---|
| 1 | PROJECT COMPLETE | On Schedule | 09/30/1999 | / / | / / | CAT3 | 0 |
|---|------------------|-------------|------------|-----|-----|------|---|

COMMENT:

NARRATIVE

Narrative

In FY95, the Los Alamos National Laboratory's (Laboratory's) Environmental Restoration (ER) Project Office submitted Baseline Change Proposal (BCP) LANL-ER-95-002, which included changes to the work breakdown structure. On February 9, 1995, the Laboratory was given direction by the Department of Energy-Albuquerque ER Program Office to use the baseline proposed in the aforementioned BCP for monthly reporting. The Financial Information System

(FIS) transferred prior years' costs from the old ADS structure to the new, but failed to move over actual costs incurred FY to date, yielding large artificial cost variances in the PTS data. LANL personnel have provided the FIS point of contact at DOE - Albuquerque with the information needed for the FY cost data transfer. Until such a time as the official transfer takes place, variance analysis is based on PCS data.

Reporting Period: 5/1995

ADS/TTP #: ALLA-2105- -

WBS #: 1.4.2.6.3.8

## Narrative (Continued):

## 1. Significant Problems/Issues/Concerns:

None for this reporting period.

## 2. Corrective Action:

no corrective action currently identified as cumulative variances do not exceed reportable thresholds.

## 3. Summary Assessment:

This ADS supports the subactivities that are Project-wide support function. Included in this ADS are the sample facility, earth science council, capping pilot studies, drilling management, and special alluvial well studies.

## 4. Cost Status:

Cost Performance Report Cum. to date: \$551K, 1.1% overrun

## 5. Schedule Status:

Cost Performance Report Cum. to date: \$139K, 0.3% behind schedule

## 6. Technical Status:

Data reduction and analyses for the two engineered cover experiments at TA-51 continued. Analysis of the Integrated Test Plots (ITP) Demonstration after approximately ten years of data collection indicate that further data collection will add little information.

Fabrication of the SIMCO remote controlled rig is nearing completion. This rig will be used in TA39 and is especially suited to that area because of personnel safety concerns associated with the explosives at that site.

## 7. Major Accomplishments:

Published a letter report "FY94 Fracture Studies on Pajarito Plateau," Los

Alamos National Laboratory, New Mexico; TA-21, TA-54, and Pajarito Mesa (TA-67, TA-15, and TA-36), October 1994.

Published report on "Calibration of Time Domain Reflectometry Soil Water Content Measurements to Include the Influence of Soil Type, Waveguide Length and Freezing," October 1994.

Published a letter report "Bulk and Single Crystal Ar-40/Ar-39 Dating of Basaltic and Silicic Rocks from the Pajarito Plateau," October 1994.

Published report on "Stratigraphic Nomenclature of the Bandelier Tuff for Environmental Restoration Studies at Los Alamos National Laboratory," February 1995.

Published report on "Time Domain Reflectometry Water Content Measurements in Frozen Soils," February 1995.

Published report on "Chemical and Isotopic Variations of Precipitation in the Los Alamos Region", New Mexico, LA-12895-MS, March 1995.

Implemented new electronic data auger for enhanced and more effective sample management, April 1995.

Processed 17 boreholes, April/May 1995.

Reporting Period: 5/1995

ADS/TTP #: ALLA-2105- -

WBS #: 1.4.2.6.3.8

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PROJECT MANAGER'S RATINGS

Cost Rating: SATISFACTORY

Cost Trend: WORSE

Schedule Rating: SATISFACTORY

Schedule Trend: WORSE

Technical Rating: SATISFACTORY

Technical Trend: BETTER

Overall Rating: SATISFACTORY

Overall Trend: WORSE

Reporting Period: 5/1995

ADS/TTP #: ALLA-2010- -

WBS #: 1.4.2.6.6.10

Title: MIXED WASTE DISPOSAL FACILITY, ET. AL.

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: 10/04/1999

| B&R Code     | ANNUAL TOTALS (\$000)    |                           |                         |                 |                      |                    |                      |                     |                             |                          |                           |
|--------------|--------------------------|---------------------------|-------------------------|-----------------|----------------------|--------------------|----------------------|---------------------|-----------------------------|--------------------------|---------------------------|
|              | PY                       |                           | CY                      | CY              | CY                   |                    | CY                   | CY                  | CY                          | PC                       | PC                        |
|              | End FY 94<br>Unobl. Bal. | FY 94 Tot.<br>Uncost.Obl. | FY 95 New<br>Obl. Auth. | Total<br>Avail. | FIS Obl.<br>YTD 5/95 | Prelim.<br>Obl YTD | FIS Cost<br>YTD 5/95 | Prelim.<br>Cost YTD | Proj'd Cur.<br>Yr-End EstCo | End FY 95<br>Unobl. Bal. | FY 95 Tot.<br>Uncost.Obl. |
| OE EW2010202 | 0                        | 953                       | 6,284                   | 7,237           | 6,167                | 0                  | 3,391                | 0                   | 5,439                       | 371                      | 126                       |
| OE EW2010301 | 0                        | 125                       | 44                      | 169             | 88                   | 0                  | 285                  | 0                   | 111                         | 8                        | 3                         |
| Totals:      | 0                        | 1,078                     | 6,328                   | 7,406           | 6,255                | 0                  | 3,676                | 0                   | 5,550                       | 379                      | 129                       |

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

EXPENDITURE RATE (\$000)

| MONTH | -----MONTHLY----- |              |          |              |             |             | -----CUMULATIVE----- |       |       |           |          |
|-------|-------------------|--------------|----------|--------------|-------------|-------------|----------------------|-------|-------|-----------|----------|
|       | BCWS              | BCWP         | Prelim   | ACWP         | SCHED VAR   | COST VAR    | BCWS                 | BCWP  | ACWP  | SCHED VAR | COST VAR |
| 10    | 309               | 309          | 0        | 309          | 0           | 0           | 309                  | 309   | 309   | 0         | 0        |
| 11    | 422               | 422          | 0        | 421          | 0           | 1           | 731                  | 731   | 730   | 0         | 1        |
| 12    | 559               | 559          | 0        | 558          | 0           | 1           | 1,290                | 1,290 | 1,288 | 0         | 2        |
| 1     | 514               | 422          | 0        | 711          | -92         | -289        | 1,804                | 1,712 | 1,999 | -92       | -287     |
| 2     | 462               | 779          | 0        | 1,019        | 317         | -240        | 2,266                | 2,491 | 3,018 | 225       | -527     |
| 3     | 532               | 341          | 0        | 1,277        | -191        | -936        | 2,798                | 2,832 | 4,295 | 34        | -1,463   |
| 4     | 347               | 234          | 0        | -1,115       | -113        | 1,349       | 3,145                | 3,066 | 3,180 | -79       | -114     |
| 5     | 476               | 162          | 0        | 496          | -314        | -334        | 3,621                | 3,228 | 3,676 | -393      | -448     |
| 6     | 485               | ---          | ---      | ---          | ---         | ---         | ---                  | ---   | ---   | ---       | ---      |
| 7     | 522               | ---          | ---      | ---          | ---         | ---         | ---                  | ---   | ---   | ---       | ---      |
| 8     | 582               | ---          | ---      | ---          | ---         | ---         | ---                  | ---   | ---   | ---       | ---      |
| 9     | 469               | ---          | ---      | ---          | ---         | ---         | ---                  | ---   | ---   | ---       | ---      |
|       | <u>5,679</u>      | <u>3,228</u> | <u>0</u> | <u>3,676</u> | <u>-393</u> | <u>-448</u> |                      |       |       |           |          |

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

TOTAL PROJECT PLAN

|     |        |                        |   |
|-----|--------|------------------------|---|
| BAC | 43,096 | Budgeted Mgmt Reserve  | 0 |
| EAC | 43,096 | Remaining Mgmt Reserve | 0 |
| TEC | 0      | Planning Contingency   | 0 |
| TPC | 43,096 | Remaining Contingency  | 0 |
|     |        | Planned R & U          | 0 |
|     |        | Remaining R & U        | 0 |

MILESTONE REPORT

| LEV | TITLE                  | STATUS  | PLANNED    | FORECAST   | ACTUAL | MILE CATEGORY | FLOAT |
|-----|------------------------|---------|------------|------------|--------|---------------|-------|
| 1   | RECEIPT OF FONSI ON EA | Overdue | 05/11/1995 | 08/11/1995 | / /    | CAT1          | 0     |

COMMENT:

The DOE Management Review Team (MRT) requested this milestone delay.

|   |  |                |            |            |     |      |   |
|---|--|----------------|------------|------------|-----|------|---|
| 1 | SUBMIT RCRA PERMIT APPLICATION TO NMED AND EPA | Forecast Delay | 11/05/1995 | 02/16/1996 | / / | CAT2 | 0 |
|---|--|----------------|------------|------------|-----|------|---|

COMMENT:

Milestone delayed due to funding recision. This milestone will be replanned in the FY96 rebaselining effort.

|   |  |                |            |            |     |      |   |
|---|--|----------------|------------|------------|-----|------|---|
| 1 | RECEIPT OF NMED/EPA COMPLETENESS REVIEW COMMENTS | Forecast Delay | 06/11/1996 | 08/29/1996 | / / | CAT2 | 0 |
|---|--|----------------|------------|------------|-----|------|---|

COMMENT:

Reporting Period: 5/1995

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## MILESTONE REPORT Continued

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

COMMENT (cont.)

Milestone delayed due to funding recision. This milestone will be replanned in the FY96 rebaselining effort.

|   |                             |                |            |            |     |      |   |
|---|-----------------------------|----------------|------------|------------|-----|------|---|
| 1 | NODS RECEIVED FROM NMED/EPA | Forecast Delay | 02/27/1997 | 05/06/1997 | / / | CAT2 | 0 |
|---|-----------------------------|----------------|------------|------------|-----|------|---|

COMMENT:

Milestone delayed due to funding recision. This milestone will be replanned in the FY96 rebaselining effort.

|   |                                     |                |            |            |     |      |   |
|---|-------------------------------------|----------------|------------|------------|-----|------|---|
| 1 | PERMIT APPLICATON REVIEW 2 COMPLETE | Forecast Delay | 10/24/1997 | 01/08/1998 | / / | CAT5 | 0 |
|---|-------------------------------------|----------------|------------|------------|-----|------|---|

COMMENT:

Milestone delayed due to funding recision.

|   |                        |                |            |            |     |      |   |
|---|------------------------|----------------|------------|------------|-----|------|---|
| 1 | RECEIPT OF RCRA PERMIT | Forecast Delay | 02/28/1998 | 05/30/1998 | / / | CAT5 | 0 |
|---|------------------------|----------------|------------|------------|-----|------|---|

COMMENT:

Milestone delayed due to funding recision.

|   |                                |                |            |            |     |      |   |
|---|--------------------------------|----------------|------------|------------|-----|------|---|
| 1 | FACILITY CONSTRUCTION COMPLETE | Forecast Delay | 07/02/1999 | 10/22/1999 | / / | CAT5 | 0 |
|---|--------------------------------|----------------|------------|------------|-----|------|---|

COMMENT:

Milestone delayed due to funding recision.

|   |               |                |            |            |     |      |   |
|---|---------------|----------------|------------|------------|-----|------|---|
| 1 | NEPA COMPLETE | Forecast Delay | 07/09/1999 | 10/06/1999 | / / | CAT5 | 0 |
|---|---------------|----------------|------------|------------|-----|------|---|

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

## COMMENT:

Milestone delayed due to funding recision.

|   |                  |                |            |            |     |      |   |
|---|------------------|----------------|------------|------------|-----|------|---|
| 1 | PROJECT COMPLETE | Forecast Delay | 10/04/1999 | 12/15/1999 | / / | CAT5 | 0 |
|---|------------------|----------------|------------|------------|-----|------|---|

## COMMENT:

Milestone delayed due to funding recision.

## NARRATIVE

## Narrative

In FY95, the Los Alamos National Laboratory's (Laboratory's) Environmental Restoration (ER) Project submitted Baseline Change Proposal (BCP) LANL-ER-95-002, which included changes to the work breakdown structure. On February 9, 1995, the Laboratory was given direction by the Department of Energy-Albuquerque ER Program Office to use the baseline proposed in the aforementioned BCP for monthly reporting. The Financial Information System (FIS) transferred prior years' costs from the old ADS structure to the new, but failed to move over actual costs incurred FY to date, yielding large artificial cost variances in the PTS data. LANL personnel have provided FIS point of contact at DOE-Albuquerque with the information needed for the FY cost data transfer. Until such a time as the official transfer takes place, variance analysis is based on PCS data.

## 1. Significant Problems/Issues/Concerns:

Most of the major activities associated with the project are being finished to a logical completion point or deliverable and then being placed on hold to support the \$900K funding recision. Most contracts will be left open until the end of FY95. At this point, these contracts will be closed out if no further need is identified for these services. A minimal project staff has been retained to complete ongoing activities such as Title 1

Design completion, EA support, final geologic report distribution and project reporting.

The Privatization effort is underway, and an Expression of Interest (EOI) will be published in the Commerce Business Daily (CBD) in the near future. The MMDF and other LANL projects or service requirements have been evaluated by the Privatization Working Group (PWG) at LANL for the potential of successful construction and operation by private industry. The MMDF is an excellent candidate and significant industry response is expected.

## 2. Corrective Action:

No corrective action currently identified. Variances do not exceed reportable threshold, at the cumulative level.

## 3. Summary Assessment:

The Title I Design will be provided for DOE approval in early July 1995. This design document will become the baseline for any future design activities. This final document will depict the revised access road to the

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## Narrative (Continued):

facility that avoids threatened and endangered species and stays clear of the explosive blast circles. In addition, the design will include the final treatment facility configuration that has been downsized. The TA-67 Site Geotechnical Report has been completed and will be utilized to support any further design and permitting actions. The Draft 100% EA has been submitted to DOE and comments have been received. LANL is waiting for further guidance from DOE regarding the continuation of activities related to this document.

## 4. Cost Status:

Cost Performance Report Cum. to date: \$448K, 3.9% overrun

## 5. Schedule Status:

Cum. to date: \$393K, 3.3% behind schedule

## 6. Technical Status:

Due to the funding recision, no further changes will be made to the design prior to distribution in July 1995. Therefore, the Administration Building, Treatment Facilities, and site layout will remain the same as those presented in the April 25, 1995, final Title I design review.

## 7. Major Accomplishments:

Approval of MWDF Quality Assurance Plan (October 4, 1994).

Submittal of 50% Environmental Assessment to DOE (October 13, 1994).

Commencement of geotechnical field work (October 31, 1994).

Transition of project management to DOE-AL/PMD (October 31, 1994).

Completion of site-wide environmental impact survey meetings (October 1994).

Completion of Interim Design Status review (December 14, 1994).

Submittal of Final Cost/Benefit Analysis (December 21, 1994).

Distribution of Draft Title I Design summary (January 13, 1995).

Approval of EES-1 Geologic Quality Assurance Project Plan (January 19, 1995).

Submittal of Treatment BCP (January 23, 1995).

Submittal of 90% EA to DOE (January 25, 1995).

Distribution of Draft Title I Cost Estimate (January 27, 1995).

Completion of Design Basis Review with DOE (February 16, 1995).

Distribution of final Mixed Waste Inventory (February 17, 1995).

Completion of Title I Value Engineering Study (February 28, 1995).

Submitted of 100% Draft EA to DOE, (March 27, 1995).

Project permitting presentation to NMED, (March 27, 1995).

Issued draft Hydrologic Design Assessment, (April 3, 1995).

Issued draft Waste Acceptance Criteria, (April 18, 1995).

Completed final Title I Design Review, (April 25, 1995).

Issued final Geotechnical Report, (April 28, 1995).

Completed EOI for Privatization, (May 31, 1995).

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PROJECT MANAGER'S RATINGS

|                                |                         |
|--------------------------------|-------------------------|
| Cost Rating: SATISFACTORY      | Cost Trend: WORSE       |
| Schedule Rating: SATISFACTORY  | Schedule Trend: WORSE   |
| Technical Rating: SATISFACTORY | Technical Trend: BETTER |
| Overall Rating: SATISFACTORY   | Overall Trend: WORSE    |