



Department of Energy
Field Office, Albuquerque
Los Alamos Area Office
Los Alamos, New Mexico 87544

LIBRARY COPY

APR 14 1994

William Honker, Chief
RCRA Permits Branch
Hazardous Waste Management Division
U.S. Environmental Protection Agency, Region 6
1445 Ross Avenue
Dallas, Texas 75202-2733

Dear Mr. Honker:

Enclosed is a portion of the Monthly Status Report for February 1994 for the Environmental Restoration (ER) Program at the Los Alamos National Laboratory that has been requested by your staff. In addition, I am enclosing the handout from the most recent ER Monthly Program Status meeting, which was held on April 13, 1994.

If you have questions, please ask your staff to call me at (505) 665-7203.

Sincerely,

Theodore J. Taylor
Program Manager
Environmental Restoration Program

Enclosure

cc w/o enclosure:
T. Taylor, ESH, LAAO
C. Fesmire, ESH, LAAO
K. Schenck, Scientech/LAAO
K. Boardman, ERPO, AL, MS A906
W. Spurgeon, EM-452, HQ
K. Sisneros, NMED
T. Baca, EM, UC-LANL, MS J591
D. McInroy, EM/ER, UC-LANL, MS M992
RPF, UC-LANL, MS M707



8075

2050
Report

Los Alamos

Los Alamos National Laboratory
Los Alamos, New Mexico 87545

DATE: April 7, 1994
IN REPLY REFER TO: EM/ER:94-M151
MAIL STOP: M992
TELEPHONE: 505-667-0819

Mr. Joseph Vozella
US Department of Energy
Los Alamos Area Office, MS A316
Los Alamos, NM 87544

Dear Mr. Vozella:

**SUBJECT: FEBRUARY 1994 MONTHLY INSTALLATION SUMMARY AND
MILESTONE REPORT**

Enclosed are three copies each of portions of the Environmental Restoration Monthly, which includes only an Installation Summary Report and a Milestone Report for February 1994. A milestone report from the Progress Tracking System is replacing the milestone report from the Project Control System, which gives the status of Headquarter milestones as requested by the Environmental Protection Agency (EPA). Per agreement with the EPA, we no longer need to provide a full monthly report for the Program. Two copies of the data provided should be sent to Allyn Davis, Director of the Hazardous Waste Management Division, U.S. EPA, Region 6, 1445 Ross Avenue, Dallas, Texas 75202-2733. We are no longer required to submit this data to the New Mexico Environment Department.

Should you have questions or comments, please contact me.

Sincerely,



David McInroy, Acting Program Manager
Environmental Restoration Program

RV/rfr

Enclosures: ER Program Monthly Executive Summaries and Milestone Report (3)
Certification

Mr. Vozella
April 7, 1994, EM/ER:94-M151
Page 2

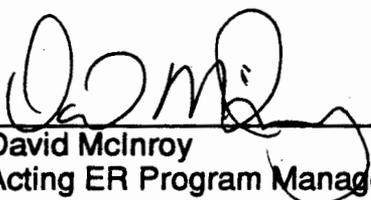
Cy: w/o attachments

R. Sena, DOE-ERPO, MS A906
D. Erickson, ESHDO, MS K491
T. Baca, EM, MS J591
J. Shipley, EM, MS J591
K. Hargis, ESH-8, MS K490
J. White, ESH-8, MS K490
S. Brown, LC-GL, MS A187
T. Taylor, LAAO, MS A316
J. Jansen, EM/ER, MS M992
L. Soholt, EM/ER, MS M773
P. Aamodt, EM/ER, MS M992
K. Naranjo, EM/ER, MS M992
S. Montoya, EM/ER, MS M992, w/certification
P. Trujillo-Oviedo, DIR-SIO, MS A117
RPF, MS M707, w/attachment (1 copy of report)
CRM-4, MS A150

CERTIFICATION

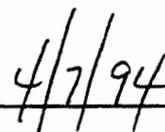
The attached document, Environmental Restoration (ER) Monthly Executive Summaries and Milestone Reports for February 1994, is true and accurate to the best of my knowledge. The document has been through internal review. The document and verification form are being submitted to the Environmental Protection Agency as part of the requirements under the Hazardous and Solid Waste Amendments operating permit.

Name:



David McInroy
Acting ER Program Manager

Date:



4/7/94

CERTIFICATION

I certify under penalty of law that these documents and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violation.

Document Title:

LANL ER Program Monthly Report for February 1994

Name:  _____ Date: 4/2/94
Dennis Erickson
Division Director
Los Alamos National Laboratory

Name: _____ Date: _____
Joseph Vozella, Chief
Environment, Safety, and Health Branch
DOE-Los Alamos Area Office

Installation Summary Report

Installation: LOS ALAMOS NATIONAL LABORATORY

Month Ending: FEBRUARY 28, 1994

The unfavorable schedule variance (SV) increased this period by \$-1,179.8K, to bring the cumulative to \$-25,019K or approximately twenty (20) weeks behind schedule. This unfavorable SV is cumulative for Environmental Restoration and Decontamination and Decommissioning (D&D). The SV has been caused by delays associated with several major activities which include the following: 1.) Mixed Waste Disposal Facility and NEPA documentation has been delayed due to slower than anticipated external reviews of design documents, and the addition of new work scope to meet regulatory and permitting requirements. NEPA activities for operable units have also been delayed due to a lack of resources and will be completed in Fiscal Year (FY) 1994. 2.) Sample analysis turnaround (3-9 months) is taking longer than was anticipated (3-6 weeks). Procedures and contracts for laboratory analyses are currently being worked. Samples for the current sampling campaign are being processed through the three contracts that are currently in place. It is anticipated that the procedures and contracts for nine additional contractors will be finalized by the next sampling campaign season. Additionally, subsequent activities that make use of the analytical data (data analysis, concept model verification, decision analysis, report, etc.) are also contributing to the SV. 3.) Field mobilization has taken longer than anticipated. Preparations to commence field work, including worker training and obtaining all necessary approvals, have taken longer than was estimated in the baseline. 4.) Drilling activities were delayed by the longer than anticipated time to place contracts to acquire resources to conduct these activities. Subsequent technical difficulties encountered once work commenced, have caused additional schedule slippages due to the slower rate at which drilling has been able to proceed. 5.) D&D Program is approximately 42 weeks behind schedule due to the requirement for a National Emissions Standard for Hazardous Air Pollutants (NESHAPs) permit requirement for remediation to begin on Activity Data Sheets (ADSs) 1054 and 1055. The total ER Program 20 weeks SV will be recoverable when the current rebaselining effort is completed. The new baseline will reflect more realistic schedules, logic ties, and anticipated funding for FY 94.

RISK FACTORS

ARE ADDITIONAL FUNDS REQUIRED? YES _____ NO X

WILL DOE-HQ CONTROLLED MILESTONES BE LATE? YES X NO _____

WILL REGULATORY MILESTONES BE LATE? YES X NO _____

WILL SCOPE OF WORK CHANGE? YES X NO _____

IF YES, EXPLAIN.

Several ADSs will have scope changes. This is the result of revised planning of field work being delayed due to drilling and changes requested from EPA for Notices of Deficiencies. D&D at TA-21 buildings 3 & 4 South and TA-35 Phase Separator Pit have slipped. The rebaseline effort will incorporate into the baseline regulator comments and the results of the Site Prioritization System. A permit modification will be submitted to incorporate rebaseline schedules.

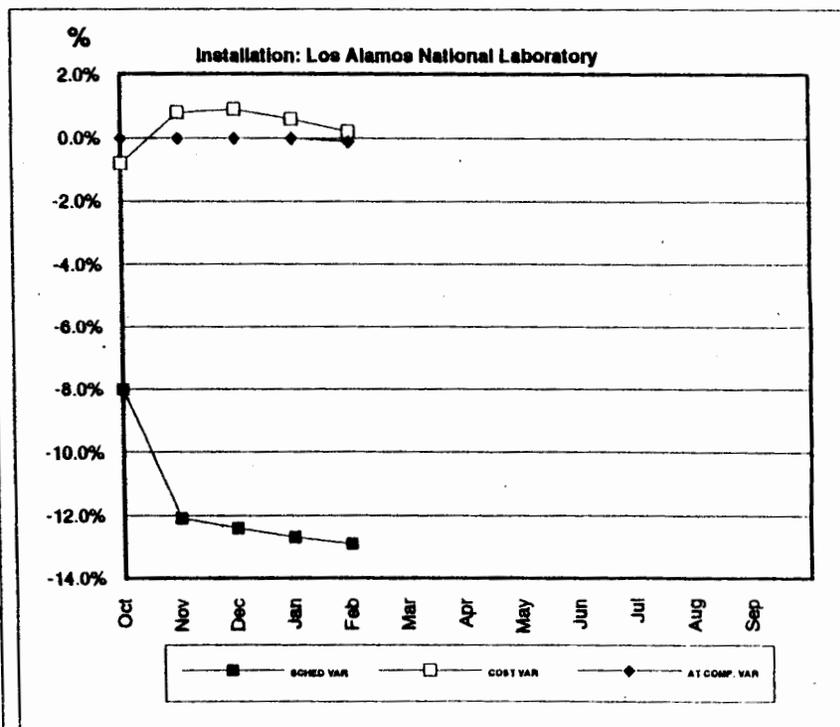
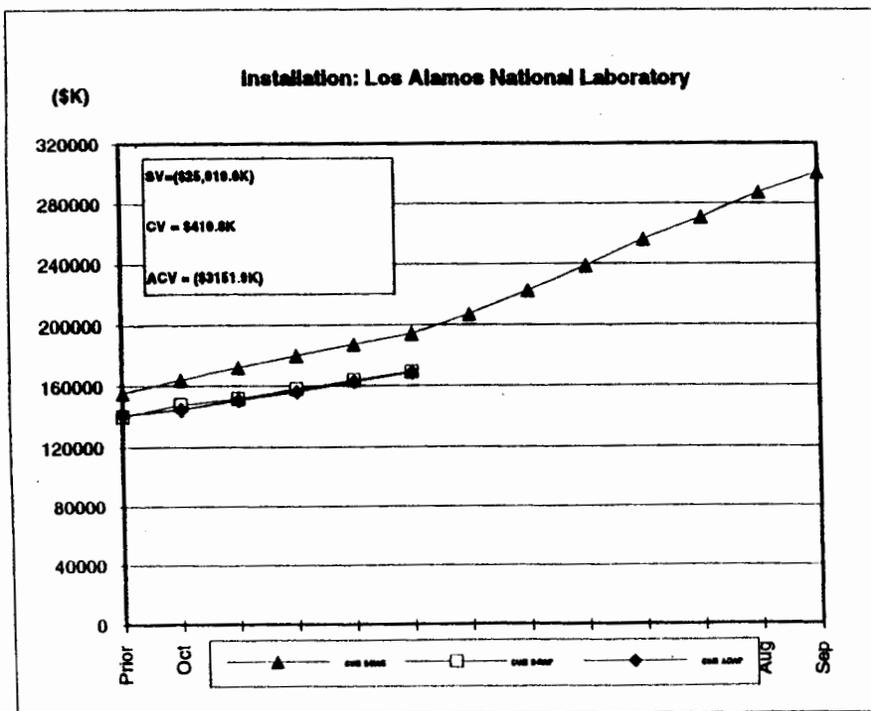


Figure 2: Schedule / Cost Variance
 Figure 2 depicts the percent cost, schedule, and at-complete variance trends.

The Program experienced an unfavorable cost variance of -\$534.6K for the reporting period. This has resulted in an overall favorable cumulative cost variance of \$419.8K. Most of this variance is a result of level of effort activities in the Management and Technical ADSs not costing as much as was originally anticipated.

FEBRUARY MILESTONE STATUS LOG

ALLA-1049

| LEV | TITLE | MILESTONE REPORT | | | COMMENT | |
|-----|--|------------------|------------|------------|---------|--|
| | | STATUS | PLANNED | FORECAST | | ACTUAL |
| 1 | EPA/NMED DRAFT OF RFI WORK PLAN COMPLETE | Forecast Delay | 05/05/1995 | 09/18/1995 | / / | CAT4 Delay due to extra direction needed to analyze existing data for Data Report. |
| 1 | RFI WORK PLAN COMPLETE | Forecast Delay | 08/21/1995 | 01/09/1996 | / / | CAT4 Delays in prio. activities may cause this milestone to slip. |
| 1 | EPA/NMED DRAFT OF PHI REPORT COMPLETE | Forecast Delay | 02/12/1998 | 05/29/1998 | / / | CAT4 Delays in prio. milestones would cause this milestone to be delayed. |
| 1 | RFI FIELD WORK COMPLETE | On Schedule | 07/22/1999 | / / | / / | CAT3 |
| 1 | EPA/NMED DRAFT OF RFI REPORT COMPLETE | On Schedule | 08/23/2000 | / / | / / | CAT3 |
| 1 | REVISED RFI REPORT COMPLETE | On Schedule | 11/28/2000 | / / | / / | CAT3 |
| 1 | EPA/NMED DRAFT OF CMS PLAN COMPLETE | On Schedule | 03/28/2001 | / / | / / | CAT3 |
| 1 | EPA APPROVED CMS PLAN | On Schedule | 07/19/2001 | / / | / / | CAT3 |
| 1 | CMS FIELD STUDY COMPLETE | On Schedule | 09/28/2001 | / / | / / | CAT3 |
| 1 | EPA/NMED DRAFT OF CMS REPORT COMPLETE | On Schedule | 04/29/2002 | / / | / / | CAT3 |
| 1 | ASSESSMENT COMPLETE | On Schedule | 07/30/2002 | / / | / / | CAT3 |
| 1 | REVISED CMS REPORT COMPLETE | On Schedule | 07/30/2002 | / / | / / | CAT3 |
| 1 | CMI COMPLETE | On Schedule | 09/28/2007 | / / | / / | CAT3 |
| 1 | PROJECT COMPLETE | On Schedule | 09/29/2015 | / / | / / | |
| 1 | VCA SOILS REMEDIATION COMPLETE | On Schedule | 09/29/2015 | / / | / / | CAT3 |

FEBRUARY MILESTONE STATUS LOG

ALLA-1051

| LEV | TITLE | MILESTONE REPORT | | | COMMENT |
|-----|---|------------------|------------|----------|------------|
| | | STATUS | PLANNED | FORECAST | |
| 2 | COMPLY W/CHAPTER 5 OF DOE ORDER 5820.2A | Completed | 09/30/1993 | / / | 09/30/1993 |
| 2 | COMPLY W/CHAPTER 5 OF DOE ORDER 5820.2A | On Schedule | 09/30/1994 | / / | / / |
| 2 | COMPLY W/CHAPTER 5 OF DOE ORDER 5820.2A | On Schedule | 09/29/1995 | / / | / / |
| 2 | COMPLY W/CHAPTER 5 OF DOE ORDER 5820.2A | On Schedule | 09/30/1996 | / / | / / |
| 2 | COMPLY W/CHAPTER 5 OF DOE ORDER 5820.2A | On Schedule | 09/30/1997 | / / | / / |
| 2 | COMPLY W/CHAPTER 5 OF DOE ORDER 5820.2A | On Schedule | 09/30/1998 | / / | / / |

FEBRUARY MILESTONE STATUS LOG

ALLA-1051B

| LEV | TITLE | MILESTONE REPORT | | | COMMENT |
|-----|---|------------------|------------|----------|------------|
| | | STATUS | PLANNED | FORECAST | |
| 2 | COMPLY W/CHAPTER 5 OF DOE ORDER 5820.2A | Completed | 09/30/1993 | / / | 09/30/1993 |
| 2 | COMPLY W/CHAPTER 5 OF DOE ORDER 5820.2A | On Schedule | 09/30/1994 | / / | / / |

FEBRUARY MILESTONE STATUS LOG

ALLA-1054

| LEV | TITLE | MILESTONE REPORT | | | COMMENT | |
|-----|---|------------------|------------|------------|---------|--|
| | | STATUS | PLANNED | FORECAST | | ACTUAL |
| 1 | READINESS REVIEW | Overdue | 04/07/1993 | 06/23/1994 | / / | |
| 1 | COMPLETE ASSESSMENT | Overdue | 04/09/1993 | 06/23/1994 | / / | Replanning assessment activities. Change control will be submitted in March. |
| 1 | START REMEDIATION | Overdue | 04/09/1993 | 06/24/1994 | / / | Delay due to slip in completing assessment activities. |
| 1 | COMPLETE REMOVAL OF STORAGE/LEAD BRICKS | Overdue | 01/03/1994 | 03/23/1995 | / / | Delay due to slip in completing assessment activities. Will be rescheduled in the March 1994 rebaseline. |
| 1 | COMPLETE REMEDIATION | Forecast Delay | 09/30/1994 | 12/21/1995 | / / | Delay due to slip in completing assessment activities. |

FEBRUARY MILESTONE STATUS LOG

ALLA-1055

| LEV | TITLE | MILESTONE REPORT | | | COMMENT | |
|-----|--|------------------|------------|------------|------------|--|
| | | STATUS | PLANNED | FORECAST | | ACTUAL |
| 1 | FINISH ASSESSMENT (3 & 4 SOUTH) | Completed | 03/17/1992 | / / | 09/17/1993 | |
| 1 | START REMEDIATION (3 & 4 SOUTH) | Completed | 03/18/1992 | / / | 09/20/1993 | |
| 2 | COMPLETE ONSITE REMEDIATION-BLDG 3 SOUTH | Overdue | 09/30/1993 | 09/06/1994 | / / | All remediation has been delayed due to the requirements of the NESHAP permit. A baseline change proposal is in process. |
| 1 | START ASSESSMENT (ALL OTHER BUILDINGS) | Overdue | 10/01/1993 | 10/01/1999 | / / | Current assessment funding is zero in the Five-Year Plan window. |
| 1 | START REMEDIATION (ALL OTHER BUILDINGS) | Overdue | 10/01/1993 | 10/05/2000 | / / | The delay in assessment activities delays the remediation phase and impacts this milestone. |
| 2 | COMPLETE ONSITE REMEDIATION-BLDG 4 SOUTH | Forecast Delay | 09/30/1994 | 01/18/1996 | / / | All remediation has been delayed due to the requirements of the NESHAP permit. A baseline change proposal is in process. |
| 1 | FINISH REMEDIATION (3 & 4 SOUTH) | Forecast Delay | 04/10/1995 | 10/23/1996 | / / | All remediation has been delayed due to the requirement of the NESHAP permit. A baseline change proposal is in process. |
| 1 | FINISH ASSESSMENT (ALL OTHER BUILDINGS) | On Schedule | 09/30/2004 | / / | / / | |
| 1 | FINISH REMEDIATION (ALL OTHER BUILDINGS) | Forecast Delay | 09/30/2004 | 08/01/2011 | / / | The delay in assessment activities delays the following remediation and impacts this milestone. |

FEBRUARY MILESTONE STATUS LOG

. ALLA-1066

| LEV | TITLE | MILESTONE REPORT | | | COMMENT | |
|-----|------------------|------------------|------------|------------|---------|--|
| | | STATUS | PLANNED | FORECAST | | ACTUAL |
| 1 | PROJECT COMPLETE | Forecast Delay | 03/16/1995 | 06/28/1996 | / / | CAT 1 The project completion date has been delayed. Early geological studies suggest the potential for a fault passing through the site chosen for the MWDF pits which necessitates more detailed evaluation and possibly a shift in location. |

FEBRUARY MILESTONE STATUS LOG

ALLA-1067

| LEV | TITLE | MILESTONE REPORT | | | COMMENT | |
|-----|-------------------------------|------------------|------------|------------|------------|---|
| | | STATUS | PLANNED | FORECAST | | ACTUAL |
| 1 | SITE SELECTION | Completed | 10/03/1991 | / / | 10/01/1991 | |
| 1 | ENGINEERING STUDY REPORT | Completed | 10/30/1992 | / / | 10/30/1992 | |
| 1 | MWDF DESIGN CRITERIA DOCUMENT | Completed | 10/30/1992 | / / | 10/30/1992 | |
| 1 | RECEIPT OF RCRA PERMIT | Forecast Delay | 06/13/1996 | 09/09/1997 | / / | CAT4 Completion of all milestones has been delayed because the start of Title I Design did not occur as soon as planned. |
| 1 | PROJECT COMPLETE | Forecast Delay | 09/27/1996 | 09/30/1997 | / / | CAT4 The Mixed Waste Disposal Facility project has been delayed due to slower than estimated design work, slower than estimated external reviews of design documents, and the addition of new work scope to meet regulatory requirements. |

FEBRUARY MILESTONE STATUS LOG

ALLA-1071

| LEV | TITLE | MILESTONE REPORT | | | COMMENT | |
|-----|--|------------------|------------|------------|------------|---|
| | | STATUS | PLANNED | FORECAST | | ACTUAL |
| 1 | EPA/NMED DRAFT OF RFI WORK PLAN COMPLETE | Completed | 05/22/1992 | / / | 05/22/1992 | |
| 1 | RFI WORK PLAN COMPLETE | Completed | 11/24/1992 | / / | 01/22/1993 | |
| 1 | EPA/NMED DRAFT OF PHI REPORT COMPLETE | Forecast Delay | 10/24/1996 | 04/25/1997 | / / | CAT4 Delays in prior activities may cause this milestone to slip. |
| 1 | RFI FIELD WORK COMPLETE | Forecast Delay | 06/20/1997 | 10/31/1997 | / / | CAT4 Delays in prior activities may cause this milestone to slip. |
| 1 | EPA/NMED DRAFT; COMPLETION OF RFI | Forecast Delay | 02/08/1999 | 07/21/1999 | / / | CAT4 Delays in prior activities may cause this milestone to slip. |
| 1 | REVISED RFI REPORT COMPLETE | Forecast Delay | 05/10/1999 | 10/21/1999 | / / | CAT4 Delays in prior activities may cause this milestone to slip. |
| 1 | EPA/NMED DRAFT OF CMS PLAN COMPLETE | Forecast Delay | 08/12/1999 | 02/01/2000 | / / | CAT4 Delays in prior activities may cause this milestone to slip. |
| 1 | EPA-APPROVED CMS PLAN | Forecast Delay | 12/08/1999 | 05/03/2000 | / / | CAT4 Delays in prior activities may cause this milestone to slip. |
| 1 | CMS FIELD STUDY COMPLETE | On Schedule | 12/01/2000 | / / | / / | CAT3 |
| 1 | EPA/NMED DRAFT OF CMS REPORT COMPLETE | On Schedule | 04/26/2001 | / / | / / | CAT3 |
| 1 | ASSESSMENT COMPLETE | On Schedule | 07/27/2001 | / / | / / | CAT3 |
| 1 | REVISED CMS REPORT COMPLETE | On Schedule | 07/27/2001 | / / | / / | CAT3 |
| 1 | VCA SOILS REMEDIATION COMPLETE | On Schedule | 09/28/2001 | / / | / / | CAT3 |
| 1 | CMI COMPLETE | On Schedule | 09/30/2003 | / / | / / | CAT3 |
| 1 | PROJECT COMPLETE | On Schedule | 09/30/2003 | / / | / / | |

FEBRUARY MILESTONE STATUS LOG

ALLA-1078

| LEV | TITLE | MILESTONE REPORT | | | COMMENT | |
|-----|--|------------------|------------|------------|------------|---|
| | | STATUS | PLANNED | FORECAST | | ACTUAL |
| 1 | EPA/NMED DRAFT OF RFI WORK PLAN COMPLETE | Completed | 05/22/1992 | / / | 05/22/1992 | |
| 1 | RFI WORK PLAN COMPLETE | Completed | 02/16/1993 | / / | 09/30/1993 | |
| 1 | EPA/NMED DRAFT OF PH1 REPORT COMPLETE | Overdue | 10/12/1993 | 09/26/1994 | / / | CAT1 Due to slower than anticipated lab analysis turnaround time and implementation of an EPA-approved Phase I Sampling Addendum for Hillside 138 and 140, this phase report has slipped. |
| 1 | RFI FIELD WORK COMPLETE | Forecast Delay | 03/15/1995 | 04/11/1995 | / / | CAT4 Delays in prior activities may cause this milestone to slip. |
| 1 | EPA/NMED DRAFT OF RFI REPORT COMPLETE | Forecast Delay | 04/16/1996 | 05/13/1996 | / / | CAT4 Delays in prior activities may cause this milestone to slip. |
| 1 | REVISED RFI REPORT COMPLETE | Forecast Delay | 07/17/1996 | 08/13/1996 | / / | CAT4 Delays in prior activities may cause this milestone to slip. |
| 1 | EPA/NMED DRAFT CMS PLAN COMPLETE | Forecast Delay | 11/12/1996 | 12/11/1996 | / / | CAT4 Delays in prior activities may cause this milestone to slip. |
| 1 | EPA APPROVED CMS PLAN | Forecast Delay | 03/12/1997 | 04/08/1997 | / / | CAT4 Delays in prior activities may cause this milestone to slip. |
| 1 | CMS FIELD STUDY COMPLETE | Forecast Delay | 03/12/1998 | 04/08/1998 | / / | CAT4 Delays in prior activities may cause this milestone to slip. |
| 1 | VCA SOILS REMEDIATION COMPLETE | On Schedule | 09/30/1998 | / / | / / | CAT3 |
| 1 | EPA/NMED DRAFT OF CMS REPORT COMPLETE | On Schedule | 10/01/1998 | / / | / / | CAT3 |

FEBRUARY MILESTONE STATUS LOG

| | | | | | | | | |
|---|-----------------------------|----------------|------------|------------|---|---|------|--|
| 1 | ASSESSMENT COMPLETE | Forecast Delay | 01/08/1999 | 02/05/1999 | / | / | CAT4 | Delays in prior activities will cause this milestone to slip. |
| 1 | REVISED CMS REPORT COMPLETE | On Schedule | 01/08/1999 | / | / | / | CAT3 | |
| 1 | CMI COMPLETE | Forecast Delay | 08/16/1999 | 09/13/1999 | / | / | CAT4 | Delays in prior activities may cause this milestone to slip. |
| 1 | PROJECT COMPLETE | Forecast Delay | 08/16/1999 | 09/13/1999 | / | / | CAT4 | Delays in prior activities would cause this milestone to slip. |

FEBRUARY MILESTONE STATUS LOG

ALLA-1079

| LEV | TITLE | MILESTONE REPORT | | | COMMENT | |
|-----|--|------------------|------------|------------|------------|--|
| | | STATUS | PLANNED | FORECAST | | ACTUAL |
| 1 | EPA/NMED DRAFT OF RFI WORK PLAN COMPLETE | Completed | 05/27/1992 | / / | 05/27/1992 | |
| 1 | RFI WORK PLAN COMPLETE | Completed | 12/01/1992 | / / | 08/16/1993 | |
| 1 | EPA/NMED DRAFT OF PH1 REPORT COMPLETE | Forecast Delay | 03/06/1995 | 05/24/1995 | / / | CAT4 The drilling and sampling at TA-45 was delayed, which may delay this milestone. |
| 1 | RFI FIELD WORK COMPLETE | On Schedule | 02/01/1996 | / / | / / | CAT3 |
| 1 | EPA/NMED DRAFT; COMPLETION OF RFI | On Schedule | 03/06/1997 | / / | / / | CAT3 |
| 1 | REVISED RFI REPORT COMPLETE | On Schedule | 06/05/1997 | / / | / / | CAT3 |
| 1 | EPA/NMED DRAFT OF CMS PLAN COMPLETE | On Schedule | 09/30/1997 | / / | / / | CAT3 |
| 1 | EPA APPROVED CMS PLAN | On Schedule | 01/29/1998 | / / | / / | CAT3 |
| 1 | CMS FIELD STUDY COMPLETE | On Schedule | 01/29/1999 | / / | / / | CAT3 |
| 1 | EPA/NMED DRAFT OF CMS REPORT COMPLETE | On Schedule | 08/20/1999 | / / | / / | CAT3 |
| 1 | ASSESSMENT COMPLETE | On Schedule | 11/23/1999 | / / | / / | CAT3 |
| 1 | REVISED CMS REPORT COMPLETE | On Schedule | 11/23/1999 | / / | / / | CAT3 |
| 1 | PROJECT COMPLETE | On Schedule | 09/30/2004 | / / | / / | |
| 1 | VCA SOILS REMEDIATION COMPLETE | On Schedule | 09/30/2004 | / / | / / | CAT3 |

FEBRUARY MILESTONE STATUS LOG

ALLA-1086

| LEV | TITLE | MILESTONE REPORT | | | COMMENT | |
|-----|--|------------------|------------|------------|------------|--|
| | | STATUS | PLANNED | FORECAST | | ACTUAL |
| 1 | EPA/NMED DRAFT OF RFI WORK PLAN COMPLETE | Completed | 05/28/1993 | / / | 07/02/1993 | |
| 1 | RFI WORK PLAN COMPLETE | Overdue | 09/14/1993 | 06/13/1994 | / / | CAT1 This milestone cannot be completed until EPA comments are received. |
| 1 | EPA/NMED DRAFT OF PH1 REPORT COMPLETE | Forecast Delay | 01/27/1997 | 05/12/1997 | / / | CAT4 Delays in prior activities may cause this milestone to slip. |
| 1 | RFI FIELD WORK COMPLETE | Forecast Delay | 10/27/1998 | 04/28/1999 | / / | CAT4 Delays in previous activities may cause this milestone to slip. |
| 1 | EPA/NMED DRAFT OF RFI REPORT COMPLETE | Forecast Delay | 10/20/1999 | 04/24/2000 | / / | CAT4 Delays in prior activities may cause this milestone to be delayed. |
| 1 | REVISED RFI REPORT COMPLETE | Forecast Delay | 01/27/2000 | 07/25/2000 | / / | CAT4 Delays in prior activities may cause this milestone to slip. |
| 1 | EPA/NMED DRAFT OF CMS PLAN COMPLETE | Forecast Delay | 05/22/2000 | 11/20/2000 | / / | CAT4 Delays in prior activities may cause this milestone to slip. |
| 1 | EPA APPROVED CMS PLAN | Forecast Delay | 09/13/2000 | 03/20/2001 | / / | CAT4 Delays in prior activities may cause this milestone to slip. |
| 1 | CMS FIELD STUDY COMPLETE | On Schedule | 09/13/2001 | / / | / / | CAT3 |
| 1 | VCA SOILS REMEDIATION COMPLETE | On Schedule | 09/28/2001 | / / | / / | CAT3 |
| 1 | EPA/NMED DRAFT OF CMS REPORT COMPLETE | On Schedule | 04/12/2002 | / / | / / | CAT3 |
| 1 | ASSESSMENT COMPLETE | On Schedule | 07/15/2002 | / / | / / | CAT3 |
| 1 | REVISED CMS REPORT COMPLETE | On Schedule | 07/15/2002 | / / | / / | CAT3 |
| 1 | CMI COMPLETE | On Schedule | 09/30/2003 | / / | / / | CAT3 |

FEBRUARY MILESTONE STATUS LOG

1 PROJECT COMPLETE On Schedule 09/30/2003 / / / /

FEBRUARY MILESTONE STATUS LOG

ALLA-1093

| LEV | TITLE | MILESTONE REPORT | | | COMMENT | |
|-----|---------------------------------------|------------------|------------|------------|------------|--|
| | | STATUS | PLANNED | FORECAST | | ACTUAL |
| 1 | EPA/NMED DRAFT RFI WORK PLAN COMPLETE | Completed | 02/18/1993 | / / | 05/14/1993 | |
| 1 | RFI WORK PLAN COMPLETE | Overdue | 05/26/1993 | 05/31/1994 | / / | CAT1 This milestone cannot be completed until EPA comments are received. |
| 1 | EPA/NMED DRAFT OF PH1 REPORT COMPLETE | Forecast Delay | 03/30/1995 | 08/02/1995 | / / | CAT4 A delay in prior activities and reduced funding may cause this milestone to be delayed. |
| 1 | RFI FIELD WORK COMPLETE | Forecast Delay | 02/01/1996 | 02/16/1996 | / / | CAT4 Delays in completion of prior activities may cause this milestone to be delayed. |
| 1 | EPA/NMED DRAFT; COMPLETION OF RFI | Forecast Delay | 03/06/1997 | 03/21/1997 | / / | CAT4 Delays in completion of prior activities may cause this milestone to slip. |
| 1 | ASSESSMENT COMPLETE | Forecast Delay | 06/05/1997 | 06/20/1997 | / / | CAT4 Delays in completion of prior activities may cause this milestone to slip. |
| 1 | REVISED RFI REPORT COMPLETE | Forecast Delay | 06/05/1997 | 06/20/1997 | / / | CAT4 Delays in completion of prior activities may cause this milestone to slip. |
| 1 | PROJECT COMPLETE | On Schedule | 09/30/1998 | / / | / / | |
| 1 | VCA SOILS REMEDIATION COMPLETE | On Schedule | 09/30/1998 | / / | / / | CAT3 |

FEBRUARY MILESTONE STATUS LOG

ALLA-1098

| LEV | TITLE | MILESTONE REPORT | | | COMMENT | |
|-----|--|------------------|------------|------------|------------|---|
| | | STATUS | PLANNED | FORECAST | | ACTUAL |
| 1 | EPA/NMED DRAFT OF RFI WORK PLAN COMPLETE | Completed | 04/26/1993 | / / | 05/28/1993 | |
| 1 | RFI WORK PLAN COMPLETE | Completed | 08/10/1993 | / / | 01/31/1994 | |
| 1 | EPA/NMED DRAFT PH1 REPORT COMPLETE | Forecast Delay | 03/30/1995 | 06/29/1995 | / / | CAT4 Delays in prior activities and reduced funding may cause this milestone to slip. |
| 1 | RFI FIELD WORK COMPLETE | On Schedule | 12/15/1995 | / / | / / | CAT3 |
| 1 | EPA/NMED DRAFT OF RFI REPORT COMPLETE | On Schedule | 01/22/1997 | / / | / / | CAT3 |
| 1 | REVISED RFI REPORT COMPLETE | On Schedule | 04/23/1997 | / / | / / | CAT3 |
| 1 | EPA/NMED DRAFT OF CMS PLAN COMPLETE | On Schedule | 08/18/1997 | / / | / / | CAT3 |
| 1 | VCA SOILS REMEDIATION COMPLETE | On Schedule | 09/16/1997 | / / | / / | CAT3 |
| 1 | EPA APPROVED CMS PLAN | On Schedule | 12/12/1997 | / / | / / | CAT3 |
| 1 | CMS FIELD STUDY COMPLETE | On Schedule | 12/11/1998 | / / | / / | CAT3 |
| 1 | EPA/NMED DRAFT OF CMS REPORT COMPLETE | On Schedule | 07/08/1999 | / / | / / | CAT3 |
| 1 | ASSESSMENT COMPLETE | On Schedule | 10/07/1999 | / / | / / | CAT3 |
| 1 | REVISED CMS REPORT COMPLETE | On Schedule | 10/07/1999 | / / | / / | CAT3 |
| 1 | CMI COMPLETE | On Schedule | 09/30/2004 | / / | / / | CAT3 |
| 1 | PROJECT COMPLETE | On Schedule | 09/30/2004 | / / | / / | |

FEBRUARY MILESTONE STATUS LOG

ALLA-1100

| LEV | TITLE | MILESTONE REPORT | | | COMMENT | |
|-----|--|------------------|------------|----------|---------|--------|
| | | STATUS | PLANNED | FORECAST | | ACTUAL |
| 1 | EPA/NMED DRAFT OF RFI WORK PLAN COMPLETE | On Schedule | 05/23/1994 | / / | / / | CAT3 |
| 1 | RFI WORK PLAN COMPLETE | On Schedule | 09/07/1994 | / / | / / | CAT3 |
| 1 | EPA/NMED DRAFT OF PH1 REPORT COMPLETE | On Schedule | 07/16/1996 | / / | / / | CAT3 |
| 1 | RFI FIELD WORK COMPLETE | On Schedule | 01/23/1997 | / / | / / | CAT3 |
| 1 | EPA/NMED DRAFT; COMPLETION OF RFI | On Schedule | 02/26/1998 | / / | / / | CAT3 |
| 1 | REVISED RFI REPORT COMPLETE | On Schedule | 05/28/1998 | / / | / / | CAT3 |
| 1 | EPA/NMED DRAFT OF CMS PLAN COMPLETE | On Schedule | 09/22/1998 | / / | / / | CAT3 |
| 1 | VCA SOILS REMEDIATION COMPLETE | On Schedule | 09/30/1998 | / / | / / | CAT3 |
| 1 | EPA APPROVED CMS PLAN | On Schedule | 01/21/1999 | / / | / / | CAT3 |
| 1 | CMS FIELD STUDY COMPLETE | On Schedule | 01/21/2000 | / / | / / | |
| 1 | EPA/NMED DRAFT OF CMS REPORT COMPLETE | On Schedule | 08/11/2000 | / / | / / | |
| 1 | ASSESSMENT COMPLETE | On Schedule | 11/14/2000 | / / | / / | |
| 1 | REVISED CMS REPORT COMPLETE | On Schedule | 11/14/2000 | / / | / / | |
| 1 | CMI COMPLETE | On Schedule | 11/14/2001 | / / | / / | |
| 1 | CLOSURE IMPLEMENTATION COMPLETE | On Schedule | 06/18/2003 | / / | / / | |
| 1 | CLOSURE REPORT/CERTIFICATION COMPLETE | On Schedule | 08/18/2004 | / / | / / | |
| 1 | PROJECT COMPLETE | On Schedule | 08/18/2004 | / / | / / | |

FEBRUARY MILESTONE STATUS LOG

ALLA-1106

| LEV | TITLE | MILESTONE REPORT | | | COMMENT | |
|-----|--|------------------|------------|------------|------------|--|
| | | STATUS | PLANNED | FORECAST | | ACTUAL |
| 1 | EPA/NMED DRAFT OF RFI WORK PLAN COMPLETE | Completed | 09/30/1991 | / / | 09/30/1991 | |
| 1 | EPA/NMED DRAFT SAMPLING PLAN/WORK PLAN MOD. CH18 COM | Overdue | 05/05/1993 | 01/26/1995 | / / | CAT1 Sample Plan/Work Plan modifications for Chapter 18 Completion have been delayed due to a delay in D&D activities. |
| 1 | EPA/NMED DRAFT SQ2 PH1 REPORT COMPLETE | Forecast Early | 11/14/1994 | 02/28/1994 | / / | CAT3 |
| 1 | EPA/NMED DRAFT SQ3 PH1 REPORT COMPLETE | On Schedule | 10/27/1995 | / / | / / | CAT3 |
| 1 | EPA/NMED DRAFT SQ6 PH1 REPORT COMPLETE | On Schedule | 01/17/1996 | / / | / / | CAT3 |
| 1 | EPA/NMED DRAFT SQ4 PH1 REPORT COMPLETE | On Schedule | 08/20/1996 | / / | / / | CAT3 |
| 1 | EPA/NMED DRAFT SQ7 PH1 REPORT COMPLETE | On Schedule | 11/15/1996 | / / | / / | CAT3 |
| 1 | EPA/NMED DRAFT SQ8 PH1 REPORT COMPLETE | On Schedule | 11/20/1996 | / / | / / | CAT3 |
| 1 | EPA/NMED DRAFT SQ5 PH1 REPORT COMPLETE | On Schedule | 09/29/1997 | / / | / / | CAT3 |
| 1 | EPA/NMED DRAFT SQ9 PH1 REPORT COMPLETE | On Schedule | 02/06/1998 | / / | / / | CAT3 |
| 1 | EPA/NMED DRAFT SQ10 PH1 REPORT COMPLETE | On Schedule | 12/15/1998 | / / | / / | CAT3 |
| 1 | EPA/NMED DRAFT OF RFI REPORT COMPLETE | On Schedule | 07/21/1999 | / / | / / | CAT3 |
| 1 | REVISED RFI REPORT COMPLETE | On Schedule | 10/21/1999 | / / | / / | CAT3 |
| 1 | EPA/NMED DRAFT OF CMS PLAN COMPLETE | On Schedule | 04/26/2000 | / / | / / | CAT3 |
| 1 | EPA APPROVED CMS PLAN | On Schedule | 08/17/2000 | / / | / / | CAT3 |
| 1 | CMS FIELD STUDY COMPLETE | On Schedule | 08/13/2001 | / / | / / | CAT3 |
| 1 | EPA/NMED DRAFT OF CMS REPORT COMPLETE | On Schedule | 04/24/2002 | / / | / / | CAT3 |
| 1 | ASSESSMENT COMPLETE | On Schedule | 07/25/2002 | / / | / / | CAT3 |
| 1 | REVISED CMS REPORT COMPLETE | On Schedule | 07/25/2002 | / / | / / | CAT3 |
| 1 | CMI COMPLETE | On Schedule | 09/30/2008 | / / | / / | CAT3 |

FEBRUARY MILESTONE STATUS LOG

| | | | | | | | |
|---|--------------------------------|----------------|------------|------------|---|---|------|
| 1 | PROJECT COMPLETE | On Schedule | 09/30/2011 | / | / | / | / |
| 1 | VCA SOILS REMEDIATION COMPLETE | Forecast Delay | 09/30/2011 | 05/07/2013 | / | / | CAT3 |

FEBRUARY MILESTONE STATUS LOG

ALLA-1111

| LEV | TITLE | MILESTONE REPORT | | | COMMENT | |
|-----|--|------------------|------------|------------|------------|--|
| | | STATUS | PLANNED | FORECAST | | ACTUAL |
| 1 | EPA/NMED DRAFT OF RFI WORK PLAN COMPLETE | Completed | 05/12/1993 | / / | 08/16/1993 | |
| 1 | RFI WORK PLAN COMPLETE | Overdue | 10/21/1993 | 06/01/1994 | / / | CAT1 This milestone cannot be completed until EPA comments are received. |
| 1 | EPA/NMED DRAFT OF PHI REPORT COMPLETE | Forecast Early | 02/28/1995 | 02/07/1995 | / / | CAT3 |
| 1 | RFI FIELD WORK COMPLETE | On Schedule | 09/01/1995 | / / | / / | CAT3 |
| 1 | EPA/NMED DRAFT OF RFI REPORT COMPLETE | On Schedule | 10/04/1996 | / / | / / | CAT3 |
| 1 | REVISED RFI REPORT COMPLETE | On Schedule | 01/14/1997 | / / | / / | CAT3 |
| 1 | EPA/NMED DRAFT OF CMS PLAN COMPLETE | On Schedule | 05/08/1997 | / / | / / | CAT3 |
| 1 | EPA APPROVED CMS PLAN | On Schedule | 09/05/1997 | / / | / / | CAT3 |
| 1 | VCA SOILS REMEDIATION COMPLETE | On Schedule | 09/29/1998 | / / | / / | CAT3 |
| 1 | CMS FIELD STUDY COMPLETE | On Schedule | 09/30/1998 | / / | / / | CAT3 |
| 1 | EPA/NMED DRAFT OF CMS REPORT COMPLETE | On Schedule | 04/29/1999 | / / | / / | CAT3 |
| 1 | ASSESSMENT COMPLETE | On Schedule | 07/30/1999 | / / | / / | CAT3 |
| 1 | REVISED CMS REPORT COMPLETE | On Schedule | 07/30/1999 | / / | / / | CAT3 |
| 1 | CMI COMPLETE | On Schedule | 09/28/2001 | / / | / / | CAT3 |
| 1 | PROJECT COMPLETE | On Schedule | 09/28/2001 | / / | / / | |

FEBRUARY MILESTONE STATUS LOG

ALLA-1114

| LEV | TITLE | MILESTONE REPORT STATUS | MILESTONE REPORT | | | COMMENT |
|-----|--|----------------------------|------------------|------------|------------|---|
| | | | PLANNED | FORECAST | ACTUAL | |
| 1 | EPA/NMED DRAFT RFI WORK PLAN (1ST) COMPLETE | Completed | 04/20/1993 | / / | 07/02/1993 | |
| 1 | RFI WORK PLAN (1ST) COMPLETE | Overdue | 09/30/1993 | 03/30/1994 | / / | CAT1 This milestone cannot be completed until EPA/NMED comments are received. |
| 1 | EPA/NMED DRAFT OF RFI WORK PLAN (2ND) COMPLETE | On Schedule | 07/13/1995 | / / | / / | CAT3 |
| 1 | RFI WORK PLAN (2ND) COMPLETE | On Schedule | 12/21/1995 | / / | / / | CAT3 |
| 1 | EPA/NMED DRAFT OF RFI WORK PLAN (3RD) COMPLETE | On Schedule | 07/12/1996 | / / | / / | CAT3 |
| 1 | RFI WORK PLAN (3RD) COMPLETE | On Schedule | 12/20/1996 | / / | / / | CAT3 |
| 1 | EPA/NMED DRAFT OF PH1 REPORT COMPLETE | On Schedule | 01/14/2000 | / / | / / | CAT3 |
| 1 | RFI FIELD WORK COMPLETE | On Schedule | 07/25/2000 | / / | / / | CAT3 |
| 1 | EPA/NMED DRAFT OF RFI REPORT COMPLETE | On Schedule | 08/27/2001 | / / | / / | CAT3 |
| 1 | ASSESSMENT COMPLETE | On Schedule | 11/30/2001 | / / | / / | CAT3 |
| 1 | REVISED RFI REPORT COMPLETE | On Schedule | 11/30/2001 | / / | / / | CAT3 |
| 1 | PROJECT COMPLETE | On Schedule | 09/28/2012 | / / | / / | |
| 1 | VCA SOILS REMEDIATION COMPLETE | On Schedule | 09/28/2012 | / / | / / | CAT3 |

FEBRUARY MILESTONE STATUS LOG

ALLA-1122

| LEV | TITLE | MILESTONE REPORT | | | COMMENT |
|-----|--|------------------|------------|----------|------------|
| | | STATUS | PLANNED | FORECAST | |
| 1 | EPA/NMED DRAFT OF RFI WORK PLAN COMPLETE | Completed | 05/22/1992 | / / | 05/22/1992 |
| 1 | RFI WORK PLAN COMPLETE | Completed | 01/14/1993 | / / | 07/14/1993 |
| 1 | EPA/NMED DRAFT OF PH1 REPORT COMPLETE | On Schedule | 04/20/1995 | / / | / / CAT3 |
| 1 | RFI FIELD WORK COMPLETE | On Schedule | 09/20/1996 | / / | / / CAT3 |
| 1 | EPA/NMED DRAFT RFI REPORT COMPLETE | On Schedule | 10/24/1997 | / / | / / CAT3 |
| 1 | REVISED RFI REPORT COMPLETE | On Schedule | 02/02/1998 | / / | / / CAT3 |
| 1 | EPA/NMED DRAFT OF CMS PLAN COMPLETE | On Schedule | 05/28/1998 | / / | / / CAT3 |
| 1 | EPA APPROVED CMS PLAN | On Schedule | 09/18/1998 | / / | / / CAT3 |
| 1 | CMS FIELD STUDY COMPLETE | On Schedule | 09/30/1999 | / / | / / CAT3 |
| 1 | VCA SOILS REMEDIATION COMPLETE | On Schedule | 09/30/1999 | / / | / / CAT3 |
| 1 | EPA/NMED DRAFT OF CMS REPORT COMPLETE | On Schedule | 04/28/2000 | / / | / / CAT3 |
| 1 | ASSESSMENT COMPLETE | On Schedule | 07/31/2000 | / / | / / CAT3 |
| 1 | REVISED CMS PLAN COMPLETE | On Schedule | 07/31/2000 | / / | / / CAT3 |
| 1 | CMI COMPLETE | On Schedule | 09/30/2003 | / / | / / CAT3 |
| 1 | PROJECT COMPLETE | On Schedule | 09/30/2003 | / / | / / |

FEBRUARY MILESTONE STATUS LOG

ALLA-1127

| LEV | TITLE | MILESTONE REPORT | | | COMMENT | |
|-----|---------------------------------------|------------------|------------|------------|------------|--|
| | | STATUS | PLANNED | FORECAST | | ACTUAL |
| 1 | CLOSURE REPORT/CERTIFICATION COMPLETE | Completed | 03/26/1993 | / / | 04/30/1993 | |
| 1 | PROJECT COMPLETE | Overdue | 03/26/1993 | 09/30/1994 | / / | CAT1 NMED has verbally approved clean closure of this unit. A formal letter removing this unit from being an interim status unit is anticipated in February. |

FEBRUARY MILESTONE STATUS LOG

ALLA-1129

| LEV | TITLE | MILESTONE REPORT | | | COMMENT | |
|-----|--|------------------|------------|------------|------------|--|
| | | STATUS | PLANNED | FORECAST | | ACTUAL |
| 1 | EPA/NMED DRAFT OF RFI WORK PLAN COMPLETE | Completed | 05/22/1992 | / / | 05/22/1992 | |
| 1 | RFI WORK PLAN COMPLETE | Overdue | 04/23/1993 | 04/13/1994 | / / | CAT1 This milestone cannot be completed until EPA comments are received. EPA comments have been received and are being addressed in the Notice of Deficiency response. |
| 1 | EPA/NMED DRAFT OF PH1 REPORT COMPLETE | On Schedule | 05/08/1997 | / / | / / | CAT3 |
| 1 | RFI FIELD WORK COMPLETE | On Schedule | 07/30/1997 | / / | / / | CAT3 |
| 1 | EPA/NMED DRAFT RFI REPORT COMPLETE | On Schedule | 09/01/1998 | / / | / / | CAT3 |
| 1 | REVISED RFI REPORT COMPLETE | On Schedule | 12/07/1998 | / / | / / | CAT3 |
| 1 | EPA/NMED DRAFT OF CMS PLAN COMPLETE | On Schedule | 04/06/1999 | / / | / / | CAT3 |
| 1 | EPA APPROVED CMS PLAN | On Schedule | 07/28/1999 | / / | / / | CAT3 |
| 1 | CMS FIELD STUDY COMPLETE | On Schedule | 07/27/2000 | / / | / / | CAT3 |
| 1 | EPA/NMED DRAFT OF CMS REPORT COMPLETE | On Schedule | 02/26/2001 | / / | / / | CAT3 |
| 1 | ASSESSMENT COMPLETE | On Schedule | 06/11/2001 | / / | / / | CAT3 |
| 1 | REVISED CMS REPORT COMPLETE | On Schedule | 06/11/2001 | / / | / / | CAT3 |
| 1 | CMI COMPLETE | On Schedule | 09/30/2004 | / / | / / | CAT3 |
| 1 | PROJECT COMPLETE | On Schedule | 09/30/2013 | / / | / / | |
| 1 | VCA SOILS REMEDIATION COMPLETE | On Schedule | 09/30/2013 | / / | / / | CAT3 |

FEBRUARY MILESTONE STATUS LOG

ALLA-1130

| LEV | TITLE | MILESTONE REPORT | | | COMMENT | |
|-----|--|------------------|------------|------------|------------|--|
| | | STATUS | PLANNED | FORECAST | | ACTUAL |
| 1 | EPA/NMED DRAFT OF RFI WORK PLAN COMPLETE | Completed | 04/15/1993 | / / | 06/04/1993 | |
| 1 | RFI WORK PLAN COMPLETE | Overdue | 07/30/1993 | 03/18/1994 | / / | CAT1 This milestone cannot be completed until EPA comments are received. |
| 1 | EPA/NMED DRAFT OF PH1 REPORT COMPLETE | On Schedule | 01/09/1995 | / / | / / | CAT3 |
| 1 | RFI FIELD WORK COMPLETE | Forecast Delay | 06/27/1995 | 11/14/1995 | / / | CAT4 Delays in completion and approval of prior activities may cause this milestone to be delayed. |
| 1 | EPA/NMED DRAFT; COMPLETION OF RFI | Forecast Delay | 07/30/1996 | 12/18/1996 | / / | CAT4 Delays in completion and approval of prior activities could cause this milestone to be delayed. |
| 1 | REVISED RFI REPORT COMPLETE | Forecast Delay | 10/30/1996 | 03/25/1997 | / / | CAT4 Delays in the completion and approval of prior activities may cause this milestone to be delayed. |
| 1 | EPA/NMED DRAFT OF CMS PLAN COMPLETE | Forecast Delay | 03/04/1997 | 07/18/1997 | / / | CAT4 Delays in the completion of the RFI on this ADS could cause this milestone to slip. |
| 1 | EPA APPROVED CMS PLAN | Forecast Delay | 06/24/1997 | 11/11/1997 | / / | CAT4 Delays in the completion of the RFI on this ADS could cause this milestone to slip. |
| 1 | CMS FIELD STUDY COMPLETE | Forecast Delay | 09/30/1998 | 11/11/1998 | / / | CAT4 Delays in the completion of prior activities may cause this milestone to slip. |
| 1 | EPA/NMED DRAFT OF CMS REPORT COMPLETE | Forecast Delay | 04/29/1999 | 06/09/1999 | / / | CAT4 Delays in prior activities may cause this milestone to slip. |

FEBRUARY MILESTONE STATUS LOG

| | | | | | | | |
|---|--------------------------------|----------------|------------|------------|-----|------|--|
| 1 | ASSESSMENT COMPLETE | Forecast Delay | 07/30/1999 | 09/09/1999 | / / | CAT4 | Delays in prior activities may cause this milestone to slip. |
| 1 | REVISED CMS REPORT COMPLETE | Forecast Delay | 07/30/1999 | 09/09/1999 | / / | CAT4 | Delays in prior activities may cause this milestone to slip. |
| 1 | VCA SOILS REMEDIATION COMPLETE | On Schedule | 09/29/1999 | / / | / / | CAT3 | |
| 1 | CMI COMPLETE | On Schedule | 09/28/2001 | / / | / / | CAT3 | |
| 1 | PROJECT COMPLETE | On Schedule | 09/28/2001 | / / | / / | | |

FEBRUARY MILESTONE STATUS LOG

ALLA-1132

| LEV | TITLE | MILESTONE REPORT | | | COMMENT | |
|-----|--|------------------|------------|------------|------------|--|
| | | STATUS | PLANNED | FORECAST | | ACTUAL |
| 1 | EPA/NMED DRAFT OF RFI WORK PLAN COMPLETE | Completed | 03/18/1993 | / / | 06/15/1993 | |
| 1 | RFI WORK PLAN COMPLETE | Overdue | 07/01/1993 | 06/13/1994 | / / | CAT1 This milestone cannot be completed until EPA comments are received. |
| 1 | EPA/NMED DRAFT OF PH1 REPORT COMPLETE | Forecast Delay | 05/02/1995 | 10/04/1995 | / / | CAT5 Work may be delayed because funding is likely to be less than required to maintain the baseline schedule. |
| 1 | RFI FIELD WORK COMPLETE | Forecast Delay | 01/18/1996 | 04/29/1996 | / / | CAT4 Delay in completion of prior activities may cause this milestone to slip. |
| 1 | EPA/NMED DRAFT; COMPLETION OF RFI | Forecast Delay | 02/20/1997 | 06/02/1997 | / / | CAT4 Delays in the completion of the RFI and prior activities may cause this milestone to slip. |
| 1 | REVISED RFI REPORT COMPLETE | Forecast Delay | 05/21/1997 | 09/02/1997 | / / | CAT4 Delay in completion of the RFI and prior activities may cause this activity to slip. |
| 1 | EPA/NMED DRAFT OF CMS PLAN COMPLETE | Forecast Delay | 09/16/1997 | 01/02/1998 | / / | CAT4 Delays in approval of prior activities may cause this milestone to slip. |
| 1 | EPA APPROVED CMS PLAN | Forecast Delay | 01/14/1998 | 04/27/1998 | / / | CAT4 Delays in approval of prior activities may cause this milestone to slip. |
| 1 | CMS FIELD STUDY COMPLETE | On Schedule | 09/30/1999 | / / | / / | CAT3 |
| 1 | EPA/NMED DRAFT OF CMS REPORT COMPLETE | On Schedule | 04/28/2000 | / / | / / | CAT3 |
| 1 | ASSESSMENT COMPLETE | On Schedule | 07/31/2000 | / / | / / | CAT3 |

FEBRUARY MILESTONE STATUS LOG

| | | | | | | | |
|---|--------------------------------|----------------|------------|------------|-----|------|--|
| 1 | REVISED CMS REPORT COMPLETE | On Schedule | 07/31/2000 | / / | / / | CAT3 | |
| 1 | CMI COMPLETE | On Schedule | 09/30/2002 | / / | / / | CAT3 | |
| 1 | PROJECT COMPLETE | Forecast Delay | 09/29/2006 | 09/28/2007 | / / | CAT5 | Funding constraints may delay completion of prior activities causing this milestone to slip. |
| 1 | VCA SOILS REMEDIATION COMPLETE | On Schedule | 09/29/2006 | / / | / / | CAT3 | |

FEBRUARY MILESTONE STATUS LOG

ALLA-1135

| LEV | TITLE | MILESTONE REPORT | | | COMMENT | |
|-----|---------------------------------------|------------------|------------|------------|---------|---|
| | | STATUS | PLANNED | FORECAST | | ACTUAL |
| 1 | CLOSURE IMPLEMENTATION COMPLETE | Overdue | 12/09/1992 | 05/03/1994 | / / | CAT1 The completion of this closure and all corresponding milestones has been delayed due to detection of contamination at four different locations at the site. An amended closure plan with a revised schedule has been provided to NMED. |
| 1 | CLOSURE REPORT/CERTIFICATION COMPLETE | Overdue | 02/03/1993 | 06/23/1994 | / / | CAT1 Completion of this activity will be delayed until the amended closure plan and schedule has been approved by NMED. The amended closure plan identifies that the report/ certification will be complete 35 days after closure implementation. |
| 1 | PROJECT COMPLETE | Overdue | 02/03/1993 | 06/23/1994 | / / | CAT1 The closure plan approval has not been approved but approval is anticipated to be sometime in early spring. |

FEBRUARY MILESTONE STATUS LOG

ALLA-1136

| LEV | TITLE | MILESTONE REPORT | | | COMMENT | |
|-----|-------------------------------------|------------------|------------|------------|---------|--|
| | | STATUS | PLANNED | FORECAST | | ACTUAL |
| 1 | EPA DRAFT OF RFI WORK PLAN COMPLETE | Forecast Delay | 05/23/1994 | 07/26/1994 | / / | CAT1 The schedule will be recovered so that this milestone is delivered by the due date. |
| 1 | RFI WORK PLAN COMPLETE | Forecast Delay | 09/07/1994 | 11/09/1994 | / / | CAT2 Delays in prior activities may cause this milestone to slip. |
| 1 | EPA DRAFT OF PH1 REPORT COMPLETE | On Schedule | 07/16/1996 | / / | / / | CAT3 |
| 1 | RFI FIELD WORK COMPLETE | On Schedule | 01/23/1997 | / / | / / | CAT3 |
| 1 | EPA DRAFT OF RFI REPORT COMPLETE | On Schedule | 02/26/1998 | / / | / / | CAT3 |
| 1 | ASSESSMENT COMPLETE | On Schedule | 05/28/1998 | / / | / / | CAT3 |
| 1 | REVISED RFI REPORT COMPLETE | On Schedule | 05/28/1998 | / / | / / | CAT3 |
| 1 | PROJECT COMPLETE | On Schedule | 09/30/1999 | / / | / / | |
| 1 | VCA SOILS REMEDIATION COMPLETE | On Schedule | 09/30/1999 | / / | / / | CAT3 |

FEBRUARY MILESTONE STATUS LOG

ALLA-1140

| MILESTONE REPORT | | STATUS | PLANNED | FORECAST | ACTUAL | COMMENT |
|------------------|--|----------------|------------|------------|------------|---|
| LEV | TITLE | | | | | |
| 1 | EPA/NMED DRAFT OF RFI WORK PLAN COMPLETE | Completed | 05/17/1993 | / / | 08/20/1993 | |
| 1 | RFI WORK PLAN COMPLETE | Overdue | 09/21/1993 | 03/10/1994 | / / | CAT1 This milestone cannot be completed until EPA comments are received. |
| 1 | EPA/NMED DRAFT OF PH1 REPORT COMPLETE | Forecast Delay | 07/19/1995 | 10/26/1995 | / / | CAT4 RFI draft work plan reviews followed the staggered schedule submitted in the HSWA permit modification and may cause this milestone to slip. |
| 1 | RFI FIELD WORK COMPLETE | Forecast Delay | 01/26/1996 | 05/20/1996 | / / | CAT4 RFI draft work plan reviews followed the staggered schedule submitted in the HSWA permit modification, which may cause this milestone to be delayed. |
| 1 | EPA/NMED DRAFT; COMPLETION OF RFI | Forecast Delay | 02/28/1997 | 06/23/1997 | / / | CAT4 RFI draft work plan reviews are following the staggered schedule submitted in the HSWA permit modification, which may cause this milestone to be delayed. |
| 1 | ASSESSMENT COMPLETE | Forecast Delay | 05/30/1997 | 09/23/1997 | / / | CAT4 Delays in approval of prior activities may cause this milestone to be delayed. |
| 1 | REVISED RFI REPORT COMPLETE | Forecast Delay | 05/30/1997 | 09/23/1997 | / / | CAT4 RFI draft work plan reviews are following the staggered schedule submitted in the HSWA permit modification which could cause this milestone to be delayed. |

FEBRUARY MILESTONE STATUS LOG

| | | | | | | | | |
|---|--------------------------------|-------------|------------|---|---|---|---|------|
| 1 | PROJECT COMPLETE | On Schedule | 09/30/1998 | / | / | / | / | |
| 1 | VCA SOILS REMEDIATION COMPLETE | On Schedule | 09/30/1998 | / | / | / | / | CAT3 |

FEBRUARY MILESTONE STATUS LOG

ALLA-1144

| MILESTONE REPORT | | STATUS | PLANNED | FORECAST | ACTUAL | COMMENT |
|------------------|--|----------------|------------|------------|------------|---|
| LEV | TITLE | | | | | |
| 1 | EPA/NMED DRAFT OF RFI WORK PLAN COMPLETE | Completed | 05/22/1992 | / / | 05/22/1992 | |
| 1 | RFI WORK PLAN COMPLETE | Completed | 01/08/1993 | / / | 01/14/1994 | |
| 1 | EPA/NMED DRAFT OF PH1 REPORT COMPLETE | Forecast Delay | 01/02/1996 | 03/24/1997 | / / | CAT4 |
| 1 | RFI FIELD WORK COMPLETE | Forecast Delay | 04/29/1997 | 07/20/1998 | / / | CAT4 |
| 1 | EPA/NMED DRAFT OF RFI REPORT COMPLETE | Forecast Delay | 12/11/1998 | 03/07/2000 | / / | CAT4 Delays in prior activities may cause this milestone to slip. |
| 1 | REVISED RFI REPORT COMPLETE | Forecast Delay | 03/18/1999 | 06/06/2000 | / / | CAT4 Delays in prior activities may cause this milestone to slip. |
| 1 | EPA/NMED DRAFT OF CMS PLAN COMPLETE | Forecast Delay | 06/21/1999 | 09/08/2000 | / / | CAT4 Delays in prior activities may cause this milestone to slip. |
| 1 | EPA-APPROVED CMS PLAN | Forecast Delay | 10/13/1999 | 01/08/2001 | / / | CAT4 |
| 1 | CMS FIELD STUDY COMPLETE | On Schedule | 10/13/2000 | / / | / / | CAT3 |
| 1 | EPA/NMED DRAFT OF CMS REPORT COMPLETE | On Schedule | 05/22/2001 | / / | / / | CAT3 |
| 1 | ASSESSMENT COMPLETE | On Schedule | 08/22/2001 | / / | / / | CAT3 |
| 1 | REVISED CMS REPORT COMPLETE | On Schedule | 08/22/2001 | / / | / / | CAT3 |
| 1 | VCA SOILS REMEDIATION COMPLETE | On Schedule | 09/30/2002 | / / | / / | CAT3 |
| 1 | CFI COMPLETE | On Schedule | 09/30/2003 | / / | / / | CAT3 |
| 1 | PROJECT COMPLETE | On Schedule | 09/30/2003 | / / | / / | |

FEBRUARY MILESTONE STATUS LOG

ALLA-1147

| MILESTONE REPORT | | STATUS | PLANNED | FORECAST | ACTUAL | COMMENT |
|------------------|--|-------------|------------|----------|------------|---------|
| LEV | TITLE | | | | | |
| 1 | EPA/NMED DRAFT OF RFI WORK PLAN COMPLETE | Completed | 05/22/1992 | / / | 05/22/1992 | |
| 1 | RFI WORK PLAN COMPLETE | Completed | 12/15/1992 | / / | 03/15/1993 | |
| 1 | EPA/NMED DRAFT PH1 REPORT COMPLETE | On Schedule | 06/05/1995 | / / | / / | CAT3 |
| 1 | RFI FIELD WORK COMPLETE | On Schedule | 10/16/1995 | / / | / / | CAT3 |
| 1 | EPA/NMED DRAFT OF RFI REPORT COMPLETE | On Schedule | 11/18/1996 | / / | / / | CAT3 |
| 1 | REVISED RFI REPORT COMPLETE | On Schedule | 02/25/1997 | / / | / / | CAT3 |
| 1 | EPA/NMED DRAFT OF CMS PLAN COMPLETE | On Schedule | 06/19/1997 | / / | / / | CAT3 |
| 1 | EPA-APPROVED CMS PLAN | On Schedule | 10/10/1997 | / / | / / | CAT3 |
| 1 | CMS FIELD STUDY COMPLETE | On Schedule | 09/30/1998 | / / | / / | CAT3 |
| 1 | EPA/NMED DRAFT OF CMS REPORT COMPLETE | On Schedule | 04/29/1999 | / / | / / | CAT3 |
| 1 | ASSESSMENT COMPLETE | On Schedule | 07/30/1999 | / / | / / | CAT3 |
| 1 | REVISED CMS REPORT COMPLETE | On Schedule | 07/30/1999 | / / | / / | CAT3 |
| 1 | VCA SOILS REMEDIATION COMPLETE | On Schedule | 09/29/2000 | / / | / / | CAT3 |
| 1 | CMI COMPLETE | On Schedule | 09/30/2005 | / / | / / | CAT3 |
| 1 | PROJECT COMPLETE | On Schedule | 09/30/2005 | / / | / / | |

FEBRUARY MILESTONE STATUS LOG

ALLA-1148

| LEV | TITLE | MILESTONE REPORT | | | COMMENT | |
|-----|--|------------------|------------|----------|------------|--------|
| | | STATUS | PLANNED | FORECAST | | ACTUAL |
| 1 | EPA/NMED DRAFT OF RFI WORK PLAN COMPLETE | Completed | 05/22/1992 | / / | 05/22/1992 | |
| 1 | RFI WORK PLAN COMPLETE | Completed | 01/14/1993 | / / | 01/04/1994 | |
| 1 | EPA/NMED DRAFT OF PH1 REPORT COMPLETE | On Schedule | 04/08/1996 | / / | / / | CAT3 |
| 1 | RFI FIELD WORK COMPLETE | On Schedule | 04/11/1996 | / / | / / | CAT3 |
| 1 | EPA/NMED DRAFT; COMPLETION OF RFI | On Schedule | 10/20/1997 | / / | / / | CAT3 |
| 1 | REVISED RFI REPORT COMPLETE | On Schedule | 01/27/1998 | / / | / / | CAT3 |
| 1 | EPA/NMED DRAFT OF CMS PLAN COMPLETE | On Schedule | 07/06/1998 | / / | / / | CAT3 |
| 1 | EPA APPROVED CMS PLAN | On Schedule | 10/27/1998 | / / | / / | CAT3 |
| 1 | CMS FIELD STUDY COMPLETE | On Schedule | 10/27/1999 | / / | / / | CAT3 |
| 1 | EPA/NMED DRAFT OF CMS REPORT COMPLETE | On Schedule | 06/05/2000 | / / | / / | CAT3 |
| 1 | ASSESSMENT COMPLETE | On Schedule | 09/05/2000 | / / | / / | CAT3 |
| 1 | REVISED CMS REPORT COMPLETE | On Schedule | 09/05/2000 | / / | / / | CAT3 |
| 1 | VCA SOILS REMEDIATION COMPLETE | On Schedule | 09/30/2004 | / / | / / | CAT3 |
| 1 | CMI COMPLETE | On Schedule | 09/29/2006 | / / | / / | CAT3 |
| 1 | PROJECT COMPLETE | On Schedule | 09/29/2006 | / / | / / | |

FEBRUARY MILESTONE STATUS LOG

ALLA-1154

| LEV | TITLE | MILESTONE REPORT | | | COMMENT | |
|-----|--|------------------|------------|------------|---------|---|
| | | STATUS | PLANNED | FORECAST | | ACTUAL |
| 1 | EPA/NMED DRAFT OF RFI WORK PLAN COMPLETE | Forecast Delay | 05/23/1994 | 06/15/1994 | / / | CAT1 The schedule will be recovered to ensure delivery of this milestone by the May due date. |
| 1 | RFI WORK PLAN COMPLETE | Forecast Delay | 09/07/1994 | 09/29/1994 | / / | CAT1 This milestone may be delayed if EPA comments are not received. |
| 1 | RFI FIELD WORK COMPLETE | On Schedule | 07/21/1995 | / / | / / | CAT3 |
| 1 | EPA/NMED DRAFT; COMPLETION OF RFI | On Schedule | 08/22/1996 | / / | / / | CAT3 |
| 1 | ASSESSMENT COMPLETE | On Schedule | 11/25/1996 | / / | / / | CAT3 |
| 1 | REVISED RFI REPORT COMPLETE | On Schedule | 11/25/1996 | / / | / / | CAT3 |
| 1 | VCA SOILS REMEDIATION COMPLETE | On Schedule | 09/30/1997 | / / | / / | CAT3 |
| 1 | PROJECT COMPLETE | On Schedule | 09/30/1998 | / / | / / | |

FEBRUARY MILESTONE STATUS LOG

ALLA-1157

| LEV | TITLE | MILESTONE REPORT | | | COMMENT | |
|-----|--|------------------|------------|------------|------------|--|
| | | STATUS | PLANNED | FORECAST | | ACTUAL |
| 1 | EPA/NMED DRAFT OF RFI WORK PLAN COMPLETE | Completed | 05/17/1993 | / / | 07/16/1993 | |
| 1 | RFI WORK PLAN COMPLETE | Overdue | 08/31/1993 | 05/16/1994 | / / | CAT1 This milestone cannot be completed until EPA comments are received. |
| 1 | EPA/NMED DRAFT OF PH1 REPORT COMPLETE | Forecast Early | 03/13/1995 | 01/10/1995 | / / | CAT3 |
| 1 | RFI FIELD WORK COMPLETE | Forecast Early | 06/24/1996 | 06/07/1996 | / / | CAT3 |
| 1 | EPA/NMED DRAFT; COMPLETION OF RFI | Forecast Early | 07/28/1997 | 07/11/1997 | / / | CAT3 |
| 1 | REVISED RFI REPORT COMPLETE | Forecast Early | 10/28/1997 | 10/10/1997 | / / | CAT3 |
| 1 | EPA/NMED DRAFT OF CMS PLAN COMPLETE | Forecast Early | 03/02/1998 | 02/12/1998 | / / | CAT3 |
| 1 | EPA APPROVED CMS PLAN | Forecast Early | 06/22/1998 | 06/05/1998 | / / | CAT3 |
| 1 | CMS FIELD STUDY COMPLETE | On Schedule | 09/30/1999 | / / | / / | CAT3 |
| 1 | VCA SOILS REMEDIATION COMPLETE | On Schedule | 09/30/1999 | / / | / / | CAT3 |
| 1 | EPA/NMED DRAFT OF CMS REPORT COMPLETE | On Schedule | 04/28/2000 | / / | / / | CAT3 |
| 1 | ASSESSMENT COMPLETE | On Schedule | 07/31/2000 | / / | / / | CAT3 |
| 1 | REVISED CMS REPORT COMPLETE | On Schedule | 07/31/2000 | / / | / / | CAT3 |
| 1 | CMI COMPLETE | On Schedule | 09/30/2008 | / / | / / | CAT3 |
| 1 | PROJECT COMPLETE | On Schedule | 09/30/2008 | / / | / / | |

FEBRUARY MILESTONE STATUS LOG

ALLA-2105

| LEV | TITLE | MILESTONE REPORT | | | COMMENT |
|-----|---------------------------|------------------|------------|----------|------------|
| | | STATUS | PLANNED | FORECAST | |
| 1 | FY92 IWP SUBMITTED TO EPA | Completed | 11/19/1992 | / / | 11/19/1992 |
| 1 | FY93 IWP SUBMITTED TO EPA | Completed | 11/19/1993 | / / | 11/19/1993 |
| 1 | FY94 IWP SUBMITTED TO EPA | On Schedule | 11/18/1994 | / / | / / CAT3 |
| 1 | FY95 IWP SUBMITTED TO EPA | On Schedule | 11/17/1995 | / / | / / CAT3 |
| 1 | FY96 IWP SUBMITTED TO EPA | On Schedule | 11/19/1996 | / / | / / CAT3 |
| 1 | FY97 IWP SUBMITTED TO EPA | On Schedule | 11/19/1997 | / / | / / CAT3 |
| 1 | FY98 IWP SUBMITTED TO EPA | On Schedule | 11/19/1998 | / / | / / CAT3 |
| 1 | FY99 IWP SUBMITTED TO EPA | On Schedule | 11/19/1999 | / / | / / CAT3 |
| 1 | FY00 IWP SUBMITTED TO EPA | On Schedule | 11/17/2000 | / / | / / CAT3 |
| 1 | FY01 IWP SUBMITTED TO EPA | On Schedule | 11/19/2001 | / / | / / CAT3 |
| 1 | PROJECT COMPLETE | On Schedule | 09/13/2019 | / / | / / |

FEBRUARY MILESTONE STATUS LOG

ALLA-2107

| LEV | TITLE | MILESTONE REPORT | | | COMMENT |
|-----|--|------------------|------------|----------|------------|
| | | STATUS | PLANNED | FORECAST | |
| 1 | 4TH QUARTER FY92 REPORT SUBMITTED TO EPA | Completed | 10/15/1992 | / / | 02/26/1993 |
| 1 | SEPT. FY92 EPA REPORT SUBMITTED | Completed | 10/27/1992 | / / | 10/20/1992 |
| 1 | OCT. FY93 EPA REPORT SUBMITTED | Completed | 11/30/1992 | / / | 11/20/1992 |
| 1 | NOV. FY93 EPA REPORT SUBMITTED | Completed | 12/29/1992 | / / | 12/22/1992 |
| 1 | 1ST QUARTER FY93 REPORT SUBMITTED TO EPA | Completed | 01/15/1993 | / / | 03/31/1993 |
| 1 | DEC. FY93 EPA REPORT | Completed | 01/27/1993 | / / | 01/22/1993 |
| 1 | JAN. FY93 EPA REPORT SUBMITTED | Completed | 02/26/1993 | / / | 02/23/1993 |
| 1 | FEB. FY93 EPA REPORT SUBMITTED | Completed | 03/29/1993 | / / | 03/29/1993 |
| 1 | 2ND QUARTER FY93 REPORT SUBMITTED TO EPA | Completed | 04/15/1993 | / / | 04/15/1993 |
| 1 | MAR. FY93 EPA REPORT SUBMITTED | Completed | 04/27/1993 | / / | 04/30/1993 |
| 1 | APR. FY93 EPA REPORT SUBMITTED | Completed | 05/27/1993 | / / | 05/27/1993 |
| 1 | MAY FY93 EPA REPORT SUBMITTED | Completed | 06/28/1993 | / / | 08/03/1993 |
| 1 | 3RD QUARTER FY93 REPORT SUBMITTED TO EPA | Completed | 07/15/1993 | / / | 08/30/1993 |
| 1 | JUN. FY93 EPA REPORT SUBMITTED | Completed | 07/27/1993 | / / | 07/28/1993 |
| 1 | JUL. FY93 EPA REPORT SUBMITTED | Completed | 08/27/1993 | / / | 09/09/1993 |
| 1 | AUG. FY93 EPA REPORT SUBMITTED | Completed | 09/27/1993 | / / | 10/12/1993 |
| 1 | 4TH QUARTER FY93 REPORT SUBMITTED TO EPA | Completed | 10/15/1993 | / / | 12/08/1993 |
| 1 | SEP. FY93 EPA REPORT SUBMITTED | Completed | 10/27/1993 | / / | 11/19/1993 |
| 1 | OCT. FY94 EPA REPORT SUBMITTED | Completed | 11/29/1993 | / / | 01/04/1994 |
| 1 | NOV. FY94 EPA REPORT SUBMITTED | Completed | 12/28/1993 | / / | 01/04/1994 |

FEBRUARY MILESTONE STATUS LOG

| | | | | | | | |
|---|--|-------------|------------|------------|------------|------|---|
| 1 | 1ST QUARTER FY94 REPORT SUBMITTED TO EPA | Overdue | 01/18/1994 | 03/01/1994 | / / | CAT1 | Sign-off and revisions caused this milestone to be delayed. |
| 1 | DEC. FY94 EPA REPORT SUBMITTED | Completed | 01/27/1994 | / / | 02/01/1994 | | |
| 1 | JAN. FY94 EPA REPORT SUBMITTED | Completed | 02/28/1994 | / / | 02/04/1994 | | |
| 1 | FEB. FY94 EPA REPORT SUBMITTED | On Schedule | 03/28/1994 | / / | / / | CAT3 | |
| 1 | 2ND QUARTER FY94 REPORT SUBMITTED TO EPA | On Schedule | 04/15/1994 | / / | / / | CAT3 | |
| 1 | MAR. FY94 EPA REPORT SUBMITTED | On Schedule | 04/27/1994 | / / | / / | CAT3 | |
| 1 | APR. FY94 EPA REPORT SUBMITTED | On Schedule | 05/27/1994 | / / | / / | CAT3 | |
| 1 | MAY FY94 EPA REPORT SUBMITTED | On Schedule | 06/27/1994 | / / | / / | CAT3 | |
| 1 | 3RD QUARTER FY94 REPORT SUBMITTED TO EPA | On Schedule | 07/15/1994 | / / | / / | CAT3 | |
| 1 | JUN. FY94 EPA REPORT SUBMITTED | On Schedule | 07/27/1994 | / / | / / | CAT3 | |
| 1 | JUL. FY94 EPA REPORT SUBMITTED | On Schedule | 08/29/1994 | / / | / / | CAT3 | |
| 1 | AUG. FY94 EPA REPORT SUBMITTED | On Schedule | 09/27/1994 | / / | / / | CAT3 | |
| 1 | 4TH QUARTER FY94 REPORT SUBMITTED TO EPA | On Schedule | 10/17/1994 | / / | / / | CAT3 | |
| 1 | SEP. FY94 EPA REPORT SUBMITTED | On Schedule | 10/27/1994 | / / | / / | CAT3 | |
| 1 | OCT. FY95 EPA REPORT SUBMITTED | On Schedule | 11/28/1994 | / / | / / | CAT3 | |
| 1 | NOV. FY95 EPA REPORT SUBMITTED | On Schedule | 12/27/1994 | / / | / / | CAT3 | |
| 1 | 1ST QUARTER FY95 REPORT SUBMITTED TO EPA | On Schedule | 01/16/1995 | / / | / / | CAT3 | |
| 1 | DEC. FY95 EPA REPORT SUBMITTED | On Schedule | 01/27/1995 | / / | / / | CAT3 | |
| 1 | JAN. FY95 EPA REPORT SUBMITTED | On Schedule | 02/27/1995 | / / | / / | CAT3 | |
| 1 | FEB. FY95 EPA REPORT SUBMITTED | On Schedule | 03/27/1995 | / / | / / | CAT3 | |
| 1 | 2ND QUARTER FY95 REPORT SUBMITTED TO EPA | On Schedule | 04/17/1995 | / / | / / | CAT3 | |
| 1 | MAR. FY95 EPA REPORT SUBMITTED | On Schedule | 04/27/1995 | / / | / / | CAT3 | |

FEBRUARY MILESTONE STATUS LOG

| | | | | | | |
|---|--|-------------|------------|-----|-----|------|
| 1 | APR. FY95 EPA REPORT SUBMITTED | On Schedule | 05/30/1995 | / / | / / | CAT3 |
| 1 | MAY FY95 EPA REPORT SUBMITTED | On Schedule | 06/27/1995 | / / | / / | CAT3 |
| 1 | 3RD QUARTER FY95 REPORT SUBMITTED TO EPA | On Schedule | 07/17/1995 | / / | / / | CAT3 |
| 1 | JUN. FY95 EPA REPORT SUBMITTED | On Schedule | 07/27/1995 | / / | / / | CAT3 |
| 1 | JUL. FY95 EPA REPORT SUBMITTED | On Schedule | 08/28/1995 | / / | / / | CAT3 |
| 1 | AUG. FY95 EPA REPORT SUBMITTED | On Schedule | 09/27/1995 | / / | / / | CAT3 |
| 1 | 4TH QUARTER FY95 REPORT SUBMITTED TO EPA | On Schedule | 10/16/1995 | / / | / / | |
| 1 | SEP. FY95 EPA REPORT SUBMITTED | On Schedule | 10/27/1995 | / / | / / | |
| 1 | OCT. FY96 EPA REPORT SUBMITTED | On Schedule | 11/27/1995 | / / | / / | |
| 1 | NOV. FY96 EPA REPORT SUBMITTED | On Schedule | 12/27/1995 | / / | / / | |
| 1 | 1ST QUARTER FY96 REPORT SUBMITTED TO EPA | On Schedule | 01/16/1996 | / / | / / | |
| 1 | DEC. FY96 EPA REPORT SUBMITTED | On Schedule | 01/29/1996 | / / | / / | |
| 1 | JAN. FY96 EPA REPORT SUBMITTED | On Schedule | 02/27/1996 | / / | / / | |
| 1 | FEB. FY96 EPA REPORT SUBMITTED | On Schedule | 03/27/1996 | / / | / / | |
| 1 | 2ND QUARTER FY96 REPORT SUBMITTED TO EPA | On Schedule | 04/15/1996 | / / | / / | |
| 1 | MAR. FY96 EPA REPORT SUBMITTED | On Schedule | 04/29/1996 | / / | / / | |
| 1 | APR. FY96 EPA REPORT SUBMITTED | On Schedule | 05/28/1996 | / / | / / | |
| 1 | MAY FY96 EPA REPORT SUBMITTED | On Schedule | 06/27/1996 | / / | / / | |
| 1 | 3RD QUARTER FY96 REPORT SUBMITTED TO EPA | On Schedule | 07/15/1996 | / / | / / | |
| 1 | JUN. FY96 EPA REPORT SUBMITTED | On Schedule | 07/29/1996 | / / | / / | |
| 1 | JUL. FY96 EPA REPORT SUBMITTED | On Schedule | 08/27/1996 | / / | / / | |
| 1 | AUG. FY96 EPA REPORT SUBMITTED | On Schedule | 09/27/1996 | / / | / / | |
| 1 | 4TH QUARTER FY96 REPORT SUBMITTED TO EPA | On Schedule | 10/15/1996 | / / | / / | |

FEBRUARY MILESTONE STATUS LOG

| | | | | | |
|---|--|-------------|------------|-----|-----|
| 1 | SEP. FY96 EPA REPORT SUBMITTED | On Schedule | 10/28/1996 | / / | / / |
| 1 | OCT. FY97 EPA REPORT SUBMITTED | On Schedule | 11/27/1996 | / / | / / |
| 1 | NOV. FY97 EPA REPORT SUBMITTED | On Schedule | 12/27/1996 | / / | / / |
| 1 | 1ST QUARTER FY97 REPORT SUBMITTED TO EPA | On Schedule | 01/15/1997 | / / | / / |
| 1 | DEC. FY97 EPA REPORT SUBMITTED | On Schedule | 01/27/1997 | / / | / / |
| 1 | JAN. FY97 EPA REPORT SUBMITTED | On Schedule | 02/27/1997 | / / | / / |
| 1 | FEB. FY97 EPA REPORT SUBMITTED | On Schedule | 03/27/1997 | / / | / / |
| 1 | 2ND QUARTER FY97 REPORT SUBMITTED TO EPA | On Schedule | 04/15/1997 | / / | / / |
| 1 | MAR. FY97 EPA REPORT SUBMITTED | On Schedule | 04/28/1997 | / / | / / |
| 1 | APR. FY97 EPA REPORT SUBMITTED | On Schedule | 05/27/1997 | / / | / / |
| 1 | MAY FY97 EPA REPORT SUBMITTED | On Schedule | 06/27/1997 | / / | / / |
| 1 | 3RD QUARTER FY97 REPORT SUBMITTED TO EPA | On Schedule | 07/15/1997 | / / | / / |
| 1 | JUN. FY97 EPA REPORT SUBMITTED | On Schedule | 07/28/1997 | / / | / / |
| 1 | JUL. FY97 EPA REPORT SUBMITTED | On Schedule | 08/27/1997 | / / | / / |
| 1 | AUG. FY97 EPA REPORT SUBMITTED | On Schedule | 09/29/1997 | / / | / / |
| 1 | 4TH QUARTER FY97 REPORT SUBMITTED TO EPA | On Schedule | 10/15/1997 | / / | / / |
| 1 | SEP. FY97 EPA REPORT SUBMITTED | On Schedule | 10/27/1997 | / / | / / |
| 1 | OCT. FY98 EPA REPORT SUBMITTED | On Schedule | 12/01/1997 | / / | / / |
| 1 | NOV. FY98 EPA REPORT SUBMITTED | On Schedule | 12/29/1997 | / / | / / |
| 1 | 1ST QUARTER FY98 REPORT SUBMITTED TO EPA | On Schedule | 01/15/1998 | / / | / / |
| 1 | DEC. FY98 EPA REPORT SUBMITTED | On Schedule | 01/27/1998 | / / | / / |
| 1 | JAN. FY98 EPA REPORT SUBMITTED | On Schedule | 02/27/1998 | / / | / / |
| 1 | FEB. FY98 EPA REPORT SUBMITTED | On Schedule | 03/27/1998 | / / | / / |

FEBRUARY MILESTONE STATUS LOG

| | | | | | |
|---|--|-------------|------------|-----|-----|
| 1 | 2ND QUARTER FY98 REPORT SUBMITTED TO EPA | On Schedule | 04/15/1998 | / / | / / |
| 1 | MAR. FY98 EPA REPORT SUBMITTED | On Schedule | 04/27/1998 | / / | / / |
| 1 | APR. FY98 EPA REPORT SUBMITTED | On Schedule | 05/27/1998 | / / | / / |
| 1 | MAY FY98 EPA REPORT SUBMITTED | On Schedule | 06/29/1998 | / / | / / |
| 1 | 3RD QUARTER FY98 REPORT SUBMITTED TO EPA | On Schedule | 07/15/1998 | / / | / / |
| 1 | JUN. FY98 EPA REPORT SUBMITTED | On Schedule | 07/27/1998 | / / | / / |
| 1 | JUL. FY98 EPA REPORT SUBMITTED | On Schedule | 08/27/1998 | / / | / / |
| 1 | AUG. FY98 EPA REPORT SUBMITTED | On Schedule | 09/28/1998 | / / | / / |
| 1 | 4TH QUARTER FY98 REPORT SUBMITTED TO EPA | On Schedule | 10/15/1998 | / / | / / |
| 1 | SEP. FY98 EPA REPORT SUBMITTED | On Schedule | 10/27/1998 | / / | / / |
| 1 | OCT. FY99 EPA REPORT SUBMITTED | On Schedule | 11/30/1998 | / / | / / |
| 1 | NOV. FY99 EPA REPORT SUBMITTED | On Schedule | 12/29/1998 | / / | / / |
| 1 | 1ST QUARTER FY99 REPORT SUBMITTED TO EPA | On Schedule | 01/15/1999 | / / | / / |
| 1 | DEC. FY99 EPA REPORT SUBMITTED | On Schedule | 01/27/1999 | / / | / / |
| 1 | JAN. FY99 EPA REPORT SUBMITTED | On Schedule | 02/26/1999 | / / | / / |
| 1 | FEB. FY99 EPA REPORT SUBMITTED | On Schedule | 03/29/1999 | / / | / / |
| 1 | 2ND QUARTER FY99 REPORT SUBMITTED TO EPA | On Schedule | 04/15/1999 | / / | / / |
| 1 | MAR. FY99 EPA REPORT SUBMITTED | On Schedule | 04/27/1999 | / / | / / |
| 1 | APR. FY99 EPA REPORT SUBMITTED | On Schedule | 05/27/1999 | / / | / / |
| 1 | MAY FY99 EPA REPORT SUBMITTED | On Schedule | 06/28/1999 | / / | / / |
| 1 | 3RD QUARTER FY99 REPORT SUBMITTED TO EPA | On Schedule | 07/15/1999 | / / | / / |
| 1 | JUN. FY99 EPA REPORT SUBMITTED | On Schedule | 07/27/1999 | / / | / / |
| 1 | JUL. FY99 EPA REPORT SUBMITTED | On Schedule | 08/27/1999 | / / | / / |

FEBRUARY MILESTONE STATUS LOG

| | | | | | | | |
|---|--|-------------|------------|---|---|---|---|
| 1 | AUG. FY99 EPA REPORT SUBMITTED | On Schedule | 09/27/1999 | / | / | / | / |
| 1 | 4TH QUARTER FY99 REPORT SUBMITTED TO EPA | On Schedule | 10/15/1999 | / | / | / | / |
| 1 | SEP. FY99 EPA REPORT SUBMITTED | On Schedule | 10/27/1999 | / | / | / | / |
| 1 | PROJECT COMPLETE | On Schedule | 09/28/2018 | / | / | / | / |

FEBRUARY MILESTONE STATUS LOG
ALLA-2110

| LEV | TITLE | MILESTONE REPORT | | | COMMENT |
|-----|------------------|------------------|------------|----------|---------|
| | | STATUS | PLANNED | FORECAST | |
| 1 | PROJECT COMPLETE | On Schedule | 09/28/2018 | / / | / / |

FEBRUARY MILESTONE STATUS LOG

ALLA-2134

| LEV | TITLE | MILESTONE REPORT | | | COMMENT | |
|-----|--------------------|------------------|------------|------------|---------|--|
| | | STATUS | PLANNED | FORECAST | | ACTUAL |
| 1 | START ASSESSMENT | Overdue | 10/01/1993 | 10/01/1996 | / / | The assessment funding starts in FY97 and this change in the funding profile impacts this milestone. |
| 1 | FINISH ASSESSMENT | Forecast Delay | 05/09/1994 | 11/02/1999 | / / | The assessment funding starts in FY97 and this change in the funding profile impacts this milestone. |
| 2 | READINESS REVIEW | Forecast Delay | 05/10/1994 | 11/02/1999 | / / | The assessment funding starts in FY97 and this change in the funding profile impacts this milestone. |
| 1 | START REMEDIATION | Forecast Delay | 05/11/1994 | 11/03/1999 | / / | The assessment funding starts in FY97 and this change in the funding profile impacts this milestone. |
| 1 | FINISH REMEDIATION | Forecast Delay | 04/05/1996 | 09/27/2001 | / / | There is no remediation funding in the latest Five-Year Plan window. |

FEBRUARY MILESTONE STATUS LOG

ALLA-2135

| LEV | TITLE | MILESTONE REPORT | | | COMMENT | |
|-----|--------------------|------------------|------------|------------|---------|--|
| | | STATUS | PLANNED | FORECAST | | ACTUAL |
| 2 | READINESS REVIEW | Overdue | 01/11/1994 | 09/30/1999 | / / | Assessment funding starts in FY96 and this change in the funding profile impacts this milestone. |
| 1 | START REMEDIATION | Overdue | 01/12/1994 | 10/01/1999 | / / | There is no remediation funding in the current Five-Year Plan window. |
| 1 | FINISH REMEDIATION | Forecast Delay | 08/05/1994 | 05/05/2000 | / / | There is no remediation funding in the current Five-Year Plan. |
| 1 | FINISH ASSESSMENT | Forecast Delay | 12/02/1994 | 12/04/1995 | / / | Assessment funding starts in FY96 and this change in the funding profile impacts this milestone. |

FEBRUARY MILESTONE STATUS LOG

ALLA-2136

| LEV | TITLE | MILESTONE REPORT | | | COMMENT | |
|-----|--------------------|------------------|------------|------------|---------|--|
| | | STATUS | PLANNED | FORECAST | | ACTUAL |
| 1 | START ASSESSMENT | Overdue | 10/01/1993 | 10/02/1995 | / / | Assessment funding starts in FY96 and this funding profile impacts this milestone. |
| 1 | START REMEDIATION | Overdue | 10/01/1993 | 11/03/1999 | / / | There is no remediation funding in the current Five-Year Plan window. |
| 1 | FINISH ASSESSMENT | Forecast Delay | 11/02/1994 | 11/02/1995 | / / | Assessment funding starts in FY96 and this funding profile impacts this milestone. |
| 1 | FINISH REMEDIATION | Forecast Delay | 09/30/1998 | 11/02/2004 | / / | There is no remediation funding in the current Five-Year Plan window. |

FEBRUARY MILESTONE STATUS LOG

ALLA-2137

| LEV | TITLE | MILESTONE REPORT | | | COMMENT | |
|-----|---------------------------------------|------------------|------------|------------|---------|---|
| | | STATUS | PLANNED | FORECAST | | ACTUAL |
| 1 | START TECHNICAL SUPPORT FOR LANL D&D | Overdue | 10/01/1993 | 10/01/1999 | / / | There is no funding in the current Five-Year Plan window. |
| 1 | FINISH TECHNICAL SUPPORT FOR LANL D&D | Forecast Delay | 09/30/1998 | 09/30/2004 | / / | There is no funding in the current Five-Year Plan window. |

FEBRUARY MILESTONE STATUS LOG
ALLA-2138

| LEV | TITLE | MILESTONE REPORT | | | COMMENT | |
|-----|--|------------------|------------|------------|---------|---|
| | | STATUS | PLANNED | FORECAST | | ACTUAL |
| 2 | START DEVELOPMENT OF S&M PLAN | Overdue | 10/01/1993 | 10/01/1999 | / / | There is no funding in the current Five-Year Plan window. |
| 2 | START S&M FOR TA-21 DP WEST SITE | Overdue | 10/01/1993 | 10/01/1999 | / / | There is no funding in the current Five-Year Plan window. |
| 2 | COMPLETE S&M PLAN FOR TA-21 DP WEST SITE | Overdue | 01/31/1994 | 09/30/1999 | / / | There is no funding in the current Five-Year Plan window. |
| 2 | COMPLETE S&M FOR DP SITES | Forecast Delay | 09/30/2004 | 08/06/2010 | / / | |

**ER MONTHLY STATUS
MEETING**

April 13, 1994

DATE: April 13, 1994

**ER MONTHLY MEETING
REGULATORY STATUS**

Summary of Interactions

- EPA/NMED meeting March 2, 1994

Activities/Near-Term Milestones

- Continue permit modification for delisting HSWA module solid waste management units (SWMUs) and adjusting corrective action schedule if needed
- Identify potential Laboratory corrective action management units and temporary units
- Elaborate VCA list and short narrative of activity

Issues

- NMED receiving HSWA authority
- VCA procedures being refined
- IWP NOD comments; completed NOD response to EPA - NMED comments are being reviewed and an attempt is being made to incorporate
- Future land use
- Cleanup/Sampling levels
- Stakeholder involvement
- Integrated regulatory approval
- RCRA RFI work plan NOD response
- Rebaseline needs approval for real cost and schedule status

DATE: April 13, 1994

ER MONTHLY MEETING
ADS 2107 HIGHLIGHTS

ACTING PROGRAM MANAGER: DAVID MCINROY
PHONE: 667-0819

Group Management

- Jorg Jansen has been named Program Manager for the ER Program

Programmatic Management

- Roadmaps: No activity
- WBS/Dictionary Update: Update required to FY95 Five-Year Plan (FYP)
- Five-Year Plan: Submitted March 15, 1994
- Cost/Schedule Baseline Audits: None
- Work Plan Reviews: See OU RFI work plan status
- QA Oversight: Readiness Review Assessment completed
- Quality Council Meetings: March 18, 1994
- Administrative Procedures: Training
- Public Involvement: March public involvement meetings on March 15, 16, and 17
- Health and Safety Oversight: Readiness reviews (see OU RFI work plan status)
- Self Assessment: DOE Order compliance
- Team Building/Training: Ongoing

Project Controls: Management Information System

- February monthly report submitted
- Baseline Change Proposals (BCPs) for FY94 baseline update submitted April 1, 1994

EM Program Directorate Support

- Review of monthly reports and other deliverables
- Review of FY94 baseline
- Interfacing w/contract personnel to improve efficiencies
- Integrating ER and WM issues

DATE: April 13, 1994

ER MONTHLY MEETING
ADS 1066

DGL: PAUL AAMODT
PHONE: 667-7960

CAM: TERRY FOX
PHONE: 667-3024

Activities/Near-Term Milestones (last 3 months/current month/next 3 months)

| Description: | Target <u>Start</u> | Target <u>Finish</u> | Current <u>Start</u> | Current <u>Finish</u> |
|-----------------------------------|------------------------|-------------------------|-------------------------|--------------------------|
| Complete Routine Impact Analysis | 10/1/92 | 11/30/92 | 1/4/93 | 1/1/94 |
| Complete Accident Impact Analysis | 10/1/92 | 11/30/92 | 1/4/93 | 1/1/94 |
| Complete Biological Surveys | 3/1/93 | 7/30/93 | 3/1/93 | 9/30/93 |
| Develop Final TSD Compilation | 12/1/92 | 1/29/93 | 3/2/93 | 3/15/94 |

Cost and Schedule Status:

- \$299.3K, 106.6% over cost
- \$183.1K, 39.5% behind schedule

Planned Expenditures for Year

- \$1532K

Variances Exceeding Thresholds

Explanation:

Cost Variance: DOE officially made a NEPA determination of an EA in June 1993. Previous effort was in preparing an environmental background document. DOE held 3 public meetings in August 1993. The net result is that additional effort is required to respond to public comments and expand the EA, which resulted in additional unanticipated costs. The current baseline does not include activities that are being worked to allow for budgeted cost of work performed to be reflected correctly. The rebaseline effort will correct this situation.

Schedule Variances: The completion of the EA has been delayed; however, if the EA results in a FONSI, not an EIS, then the NEPA Approved Documentation milestone of 1995 can be met. The FY94 rebaseline will more accurately reflect the work to be performed.

Planned Action:

Cost: Variance will continue until the project is rebaselined to more accurately reflect the increased scope for this ADS in FY94.

Schedule: The schedule variance cannot be made up. This ADS will be rebaselined to include new scope, schedule, and budget.

Issues

DATE: April 13, 1994

ER MONTHLY MEETING
ADS 1067

DGL: PAUL AAMODT
PHONE: 667-7960

PL: DARRELL BULTMAN
PHONE: 667-7333

Activities/Near-Term Milestones (last 3 months/current month/next 3 months)

| Description: | Target <u>Start</u> | Target <u>Finish</u> | Current <u>Start</u> | Current <u>Finish</u> |
|--|--------------------------------|---------------------------------|---------------------------------|----------------------------------|
| Conduct Monitoring & Alarm System Validation | 10/1/92 | 7/15/93 | 10/1/92 | 9/8/93 |
| Perform Ground & Surface Water Modeling | 10/1/92 | 10/7/93 | 12/1/92 | 10/7/93 |
| Arch/Bio Surveys | 10/1/92 | 9/30/93 | 12/1/92 | 9/30/93 |
| Conduct Title 1 Design | 12/1/92 | 6/1/93 | 4/1/93 | 9/27/93 |
| Develop Meteorological Documentation | 3/1/93 | 8/24/93 | 3/22/93 | 9/27/93 |

Cost and Schedule Status:

- \$1473.8K, 32.8% over cost
- \$1847.3K, 29.1% behind schedule

Planned Expenditures for Year

- \$2992K

Variances Exceeding Thresholds

Explanation:

Cost Variance: Effort for Engineering and Performance Assessment activities cost more than what is defined and costed in the baseline. Change orders in the design contract with the architect/engineering firm have been necessary to develop information for the RCRA permit application that was not anticipated in the original baseline. Unscheduled work in the Site Characterization activity was completed on the trenching activities causing actual cost of work to be performed to be greater than budgeted cost of work performed.

Schedule Variance: The schedule variance is largely due to the delay in starting the Title I Design activity. Most other activities depend on the Title I Design information before they can be performed, and thus the delay in Title I has rippled through nearly the entire project. The EA and RCRA permit application have been delayed because of the lack of information required for those documents. The schedule variance will cause the facility to be constructed and open for operation later than planned.

Planned Action:

Cost: The project will be rebaselined to incorporate new scope requirements and a revised cost estimate.

Schedule: Because most of the activities depend on information from the Title I Design, the design activity has been fast-tracked and the other activities are being performed in parallel with the design, to the extent possible, to make up the schedule slippage.

DATE: April 13, 1994

ER MONTHLY MEETING
ADS 1049
CANYONS

PPL: TRACY GLATZMAIER
PHONE: 665-2613

OUPL: EVERETT SPRINGER
PHONE: 667-9836

Activities/Near-Term Milestones (last 3 months/current month/next 3 months)

| Description: | Target <u>Start</u> | Target <u>Finish</u> | Current <u>Start</u> | Current <u>Finish</u> |
|---|------------------------|-------------------------|-------------------------|--------------------------|
| Analyze Existing Data for RFI Work Plan | | | 10/1/93 | 3/31/94 |
| Prepare Sampling and Analysis Plan | | | 4/1/94 | 5/30/94 |

Cost and Schedule Status:

- \$21.4K, 2.3% over cost
- \$954.1K, 50.3% behind schedule

Planned Expenditures for Year

- \$4210K

Variances Exceeding Thresholds

Explanation:

Schedule Variance: The variance will continue until the FY94 rebaseline is approved. The current baseline does not reflect target budget and schedule for the Data Archive activity. There will be no effort on Bench/Pilot Studies in FY94. The impact on deliverable milestones cannot be assessed until the rebaselining is complete.

Planned Action:

Schedule: FY94 activities are being rebaselined in accordance with new budget guidelines.

Issues

DATE: April 13, 1994

ER MONTHLY MEETING
ADS 1129
TA-4, -5, -35, -42, -48, -52, -55, -63, -66

PPL: TRACY GLATZMAIER
PHONE: 665-2613

OUP: ALLYN PRATT
PHONE: 667-4308

Activities/Near-Term Milestones (last 3 months/current month/next 3 months)

| Description: | Target Start | Target Finish | Current Start | Current Finish |
|--------------------|-----------------|------------------|------------------|-------------------|
| Sampling - Phase I | | | 1/3/94 | 5/31/94 |
| Sample Analysis | | | 1/3/94 | 7/30/94 |

Cost and Schedule Status:

- \$169.7K, 3.1% over cost
- \$20.0K, 0.4% ahead of schedule

Planned Expenditures for Year

- \$4095K

Variances Exceeding Thresholds

Explanation:

Variances do not exceed thresholds.

Planned Action:

N/A

Issues

DATE: April 13, 1994

ER MONTHLY MEETING
ADS 1148
TA-51, -54

PPL: TRACY GLATZMAIER
PHONE: 665-2613

OUPL: DON KRIER
PHONE: 665-7834

Activities/Near-Term Milestones (last 3 months/current month/next 3 months)

| Description: | Target <u>Start</u> | Target <u>Finish</u> | Current <u>Start</u> | Current <u>Finish</u> |
|-----------------|------------------------|-------------------------|-------------------------|--------------------------|
| Sample Analysis | | | 11/30/93 | 3/30/94 |
| Data Assessment | | | 11/30/93 | 6/30/94 |

Cost and Schedule Status:

- \$321.1K, 5.2% over cost
- \$2639.1K, 30.1% behind schedule

Planned Expenditures for Year

- \$7269K

Variances Exceeding Thresholds

Explanation:

Schedule Variance: The schedule variance is partly due to the baseline, which was developed in 1992 and is now out of date. The cause of the baseline being out of date is that contract development during 1993 took far longer than originally planned, and many activities slipped until contracts could be put into place. Corrective action includes detailed planning and scheduling for the upcoming rebaseline change proposal.

Planned Action:

Schedule: Corrective action includes detailed planning and scheduling for the upcoming rebaseline change proposal. This operable unit has reprioritized its activities and has presented a field schedule that is realistic, based on experience from last year's field season.

Issues

DATE: April 13, 1994

ER MONTHLY MEETING
ADS 1157
TA-8, -9, -23, -69

PPL: TRACY GLATZMAIER
PHONE: 665-2613

OUP: TRACY GLATZMAIER
PHONE: 665-2613

Activities/Near-Term Milestones (last 3 months/current month/next 3 months)

| Description: | Target Start | Target Finish | Current Start | Current Finish |
|-----------------------------|-----------------|------------------|------------------|-------------------|
| EPA Review of RFI Work Plan | | | 7/16/93 | 4/11/94 |
| Incorporate EPA Comments | | | 4/12/94 | 6/10/94 |

Cost and Schedule Status:

- \$292.8K, 19.2% over cost
- \$71.2K, 4.9% ahead of schedule

Planned Expenditures for Year

- \$5133K

Variances Exceeding Thresholds

Explanation:

Cost Variance: Preparation of the work plan required more resources than originally scheduled, because more potential release sites were addressed than anticipated.

Planned Action:

Cost: No immediate corrective action is planned for the current cost variance on this ADS. The variance will continue until the FY94 rebaselining effort is completed and approved, which will more accurately reflect the schedule and budget of this ADS.

Issues

DATE: April 13, 1994

ER MONTHLY MEETING
ADS 1106
TA-21

PPL: TRACY GLATZMAIER
PHONE: 665-2613

OUP: CAROLINE MASON
PHONE: 665-2422

Activities/Near/Term Milestones (last 3 months/current month/next 3 months)

| Description: | <u>Target Start</u> | <u>Target Finish</u> | <u>Current Start</u> | <u>Current Finish</u> |
|---------------------|-------------------------|--------------------------|--------------------------|---------------------------|
| Phase Report 1B | | | | 1/28/94 |
| Phase Report 1C | | | | 2/28/94 |
| Lab Analysis | | | 1/7/94 | 3/10/94 |
| Data Validation | | | 3/14/94 | 3/14/94 |

Cost and Schedule Status:

- \$589.3K, 5.4% over cost
- \$467.9K, 4.1% behind schedule

Planned Expenditures for Year

- \$7173K

Variances Exceeding Thresholds

Explanation:

Variances do not exceed thresholds.

Planned Action:

N/A.

Issues

DATE: April 13, 1994

ER MONTHLY MEETING
ADS 1086
TA-15

PPL: TRACY GLATZMAIER
PHONE: 665-2613

OUP: SCOTT KINKEAD
PHONE: 665-1760

Activities/Near/Term Milestones (last 3 months/current month/next 3 months)

| Description: | Target Start | Target Finish | Current Start | Current Finish |
|------------------------|-----------------|------------------|------------------|-------------------|
| RFI Work Plan Complete | | 9/14/93 | | 4/30/94 |
| Mobilize RFI Phase I | 3/1/94 | 3/14/94 | 3/1/94 | 5/2/94 |

Cost and Schedule Status:

- \$10.8K, 0.6% over cost
- \$25.9K, 1.5% behind schedule

Planned Expenditures for Year

- \$2787K

Variances Exceeding Thresholds

Explanation:

Variances do not exceed thresholds.

Planned Action:

N/A

Issues

DATE: April 13, 1994

ER MONTHLY MEETING
ADS 1154
TA-57

PPL: TRACY GLATZMAIER
PHONE: 665-2613

OUP: TRACY GLATZMAIER
PHONE: 665-2613

Activities/Near/Term Milestones (last 3 months/current month/next 3 months)

| Description: | Target Start | Target Finish | Current Start | Current Finish |
|----------------------|-----------------|------------------|------------------|-------------------|
| Formal DOE Review | | | 3/2/94 | 4/15/94 |
| Incorporate Comments | | | 4/18/94 | 5/20/94 |

Cost and Schedule Status:

- \$75.6K, 17.6% under cost
- \$25.9K, 5.7% behind schedule

Planned Expenditures for Year

- \$501K

Variances Exceeding Thresholds

Explanation:

Cost Variance: Most of the underrun on this ADS has occurred on the ADS Management deliverable and the Bench/Pilot Studies deliverable. The underrun on the Bench/Pilot Studies deliverable occurred because this is a LOE task and is stasured as on schedule, even though work is not being performed. This causes a false cost underrun.

Planned Action:

Cost: No immediate corrective action is planned for the current underrun on this ADS, as LOE activities are creating this variance. This ADS activities will be rebaselined to more accurately reflect the schedule and budget.

Issues

DATE: April 13, 1994

ER MONTHLY MEETING
ADS 1098
TA-2, -41

PPL: TRACY GLATZMAIER
PHONE: 665-2613

OUP: PAT LONGMIRE
PHONE: 665-6493

Activities/Near/Term Milestones (last 3 months/current month/next 3 months)

| Description: | Target Start | Target Finish | Current Start | Current Finish |
|------------------------------|-----------------|------------------|------------------|-------------------|
| Prepare for Readiness Review | | | 1/3/94 | 2/28/94 |
| Mobilize | 2/16/94 | 3/1/94 | 4/11/94 | 4/20/94 |

Cost and Schedule Status:

- \$236.0K, 20.5% over cost
- \$477.7K, 29.4% behind schedule

Planned Expenditures for Year

- \$2996K

Variances Exceeding Thresholds

Explanation:

Cost Variance: During work plan writing, costs exceeded original budget due to several unplanned rewrites in FY93. The work plan is approved by EPA and the costs are cumulative. When the FY94 baseline is approved, this apparent overrun will be resolved.

Schedule Variance: Projected receipt of NMED comments is March 30, 1994, and this delay with respect to the schedule will not impact other activities. The Preliminary Field Recon Studies and VCA Treatability Studies activities are causing a major part of the variance. The Preliminary Field Recon Studies and VCA Treatability Studies activities were not performed in FY93 due to funding constraints.

Planned Action:

Cost: Planning is in progress for submitting revised baseline that will incorporate scope, schedule, and budget based on FY94 target funding.

Schedule: Planning is in progress for submitting revised baseline that will incorporate scope, schedule, and budget based on FY94 target funding.

Issues

DATE: April 13, 1994

ER MONTHLY MEETING
ADS 1147
TA-50

PPL: TRACY GLATZMAIER
PHONE: 665-2613

OUPL: CHERYL ROFER
PHONE: 667-2988

Activities/Near/Term Milestones (last 3 months/current month/next 3 months)

| Description: | Target <u>Start</u> | Target <u>Finish</u> | Current <u>Start</u> | Current <u>Finish</u> |
|-----------------|------------------------|-------------------------|-------------------------|--------------------------|
| Sample Analysis | | | 11/28/93 | 3/31/94 |
| Data Assessment | | | 7/23/93 | 11/28/94 |

Cost and Schedule Status:

- \$561.6K, 18.4% under cost
- \$160.7K, 5.0% behind schedule

Planned Expenditures for Year

- \$5270K

Variances Exceeding Thresholds

Explanation:

Cost Variance: The surface soil sample collection activity cost less than originally estimated because students were used as part of the sampling team instead of more expensive technical staff personnel.

Planned Action:

Cost: The underrun arose from efficient use of resources. No corrective action will be taken.

Issues

DATE: April 13, 1994

ER MONTHLY MEETING
ADS 1111
TA-6, -7, -22, -40, -58, -62

PPL: TRACY GLATZMAIER
PHONE: 665-2613

OUP: CHERYL ROFER
PHONE: 667-2988

Activities/Near/Term Milestones (last 3 months/current month/next 3 months)

| Description: | Target Start | Target Finish | Current Start | Current Finish |
|-----------------------------|-----------------|------------------|------------------|-------------------|
| Bench/Pilot Studies | | | 10/1/92 | 9/30/93 |
| Geophysics Surveys | | | 4/1/94 | 4/30/94 |
| EPA Review of RFI Work Plan | | | 8/19/93 | 4/30/94 |

Cost and Schedule Status:

- \$172.1K, 5.4% under cost
- \$91.0K, 2.9% ahead of schedule

Planned Expenditures for Year

- \$5854K

Variances Exceeding Thresholds

Explanation:

Variances do not exceed thresholds.

Planned Action:

N/A

Issues

DATE: April 13, 1994

ER MONTHLY MEETING
ADS 1144
TA-49

PPL: TRACY GLATZMAIER
PHONE: 665-2613

OUPL: INES TRIAY
PHONE: 665-1755

Activities/Near-Term Milestones (last 3 months/current month/next 3 months)

| Description: | Target Start | Target Finish | Current Start | Current Finish |
|--------------------|-----------------|------------------|------------------|-------------------|
| Data Assessment | 10/8/92 | 8/31/95 | 10/8/92 | 8/31/95 |
| Drilling - Phase I | | | 11/17/93 | 3/31/94 |
| Analysis - Soil | | | 3/29/94 | 4/18/94 |

Cost and Schedule Status:

- \$309.0K, 13.9% over cost
- \$858.7K, 27.8% behind schedule

Planned Expenditures for Year

- \$1539K

Variances Exceeding Thresholds

Explanation:

Cost Variance: Costs increased due to the slower than anticipated drilling speeds to obtain good core recovery. Personnel had to stay onsite for extended periods of time and, therefore, costs increased.

Schedule Variance: Delays in drilling have caused delays in submitting samples for analysis up to 64 weeks.

Planned Action:

Cost: RFI field work costs increased due to slower than anticipated drilling speeds to obtain good core recovery. Modifications to the drilling techniques have been made to speed up the drilling process.

Schedule: Modifications of currently used drilling techniques are being tried to increase the speed and core recovery of drilling operations.

Issues

DATE: April 13, 1994

ER MONTHLY MEETING
ADS 1085
TA-12, -14, -67

PPL: TRACY GLATZMAIER
PHONE: 665-2613

OURL: SCOTT KINKEAD
PHONE: 665-1760

Activities/Near-Term Milestones (last 3 months/current month/next 3 months)

| Description: | Target <u>Start</u> | Target <u>Finish</u> | Current <u>Start</u> | Current <u>Finish</u> |
|--|--------------------------------|---------------------------------|---------------------------------|----------------------------------|
| Incorporate LANL Comments | 1/27/94 | 2/24/94 | 1/27/94 | 2/27/94 |
| Issue Informal DOE Draft/Formal Internal | 2/25/94 | 3/10/94 | 3/7/94 | 3/25/94 |
| Incorporate Formal LANL Comments | 1 | | 3/28/94 | 4/8/94 |

Cost and Schedule Status:

- \$31.4K, 34.6% under cost
- \$27.5K, 2.9% ahead of schedule

Planned Expenditures for Year

- \$589K

Variances Exceeding Thresholds

Explanation:

Cost Variance: The work required to complete the draft work plan has been less than originally estimated. There has also been a period of no activity while a new project leader was being recruited.

Planned Action:

Cost: The rebaseline effort incorporates new estimates for the work to be performed. The new project leader is now on board and activity on the work plan will increase.

Issues

DATE: April 13, 1994

ER MONTHLY MEETING
ADS 1136
TA-43

PPL: DAVID MCINROY
PHONE: 667-0819

OUPL: DAVID BRADBURY
PHONE: 665-6208

Activities/Near-Term Milestones (last 3 months/current month/next 3 months)

| Description: | Target <u>Start</u> | Target <u>Finish</u> | Current <u>Start</u> | Current <u>Finish</u> |
|-------------------------------|------------------------|-------------------------|-------------------------|--------------------------|
| Develop Internal Draft of RFI | 9/27/93 | 12/9/93 | 9/27/93 | 12/9/93 |
| Incorporate LANL Comments | 1/27/94 | 2/24/94 | 1/27/94 | 2/24/94 |
| Issue DOE Draft | 2/25/94 | 3/10/94 | 2/25/94 | 3/10/94 |

Cost and Schedule Status:

- \$73.3K, 26.8% under cost
- \$30.0K, 9.9% behind schedule

Planned Expenditures for Year

- \$66K

Variances Exceeding Thresholds

Explanation:

Cost Variance: The existing baseline is not reflective of the work performed and thus an underrun situation has resulted.

Planned Action:

Cost: Underrun will continue until the FY94 rebaseline is approved.

Issues

DATE: April 13, 1994

ER MONTHLY MEETING
ADS 1082
TA-11, -13, -16, -24, -25, -28, -37

PPL: DAVID MCINROY
PHONE: 667-0819

OUPL: BRAD MARTIN
PHONE: 665-7368

Activities/Near-Term Milestones (last 3 months/current month/next 3 months)

| Description: | Target Start | Target Finish | Current Start | Current Finish |
|-----------------------------------|-----------------|------------------|------------------|-------------------|
| Develop Data Needs for 2nd RFI | 6/4/93 | 12/30/93 | 6/4/93 | 12/30/93 |
| Develop Sampling Plan for 2nd RFI | 7/2/93 | 2/1/94 | 7/2/93 | 2/1/94 |
| Review of 2nd Draft RFI Work Plan | 3/7/94 | 4/5/94 | 3/7/94 | 4/5/94 |

Cost and Schedule Status:

- \$154.7K, 4.1% under cost
- \$362.2K, 8.7% behind schedule

Planned Expenditures for Year

- \$3218K

Variances Exceeding Thresholds

Explanation:

Variances do not exceed thresholds.

Planned Action:

Issues

- Delivery date of work plan is July 7.
- Area P closure activities.

DATE: April 13, 1994

ER MONTHLY MEETING
ADS 1140
TA-46

PPL: DAVID MCINROY
PHONE: 667-0819

OUP: ROY MICHELOTTI
PHONE: 665-7444

Activities/Near-Term Milestones (last 3 months/current month/next 3 months)

| Description: | Target <u>Start</u> | Target <u>Finish</u> | Current <u>Start</u> | Current <u>Finish</u> |
|--------------------------------|--------------------------------|---------------------------------|---------------------------------|----------------------------------|
| Readiness Reviews and Dry Runs | 1/3/94 | 3/1/94 | 1/3/94 | 3/1/94 |
| Land Survey | 3/1/94 | 7/21/94 | 3/1/94 | 7/21/94 |
| Geophysical Survey | 3/16/94 | 3/29/94 | 3/16/94 | 3/29/94 |
| Surface Samples Rad Screening | 3/30/94 | 7/21/94 | 3/30/94 | 7/21/94 |

Cost and Schedule Status:

- \$123.8K, 7.0% under cost
- \$53.2K, 2.9% behind schedule

Planned Expenditures for Year

- \$3091K

Variances Exceeding Thresholds

Explanation:

Variances do not exceed thresholds.

Planned Action:

Issues

DATE: April 13, 1994

ER MONTHLY MEETING
ADS 1122
TA-33, -70

PPL: DAVID MCINROY
PHONE: 667-0819

OUP: ROY MICHELOTTI
PHONE: 665-7444

Activities/Near-Term Milestones (last 3 months/current month/next 3 months)

| Description: | Target Start | Target Finish | Current Start | Current Finish |
|--------------------------------------|-------------------------|--------------------------|--------------------------|---------------------------|
| Main Site Data Assessment | 3/29/93 | 11/12/93 | 6/21/93 | 2/11/94 |
| Main Site Area 6 Subsurface Sampling | 7/1/93 | 7/8/93 | 8/16/93 | 9/3/93 |
| South Site Land Survey | 3/1/94 | 3/8/94 | 3/1/94 | 3/8/94 |
| South Site Rad/Geophysical Surveys | 3/9/94 | 3/28/94 | 3/9/94 | 3/28/94 |
| Area 6 Data Assessment | 3/15/94 | 8/17/94 | 3/15/94 | 8/17/94 |

Cost and Schedule Status:

- \$193.0K, 4.5% over cost
- \$359.6K, 7.7% behind schedule

Planned Expenditures for Year

- \$2009K

Variances Exceeding Thresholds

Explanation:

Variances do not exceed thresholds.

Planned Action:

N/A

Issues

DATE: April 13, 1994

ER MONTHLY MEETING
ADS 1127
TA-35
RCRA CLOSURE OF SURFACE IMPOUNDMENTS

PPL: DAVID MCINROY
PHONE: 667-0819

OUP: DAVID MCINROY
PHONE: 667-0819

Activities/Near-Term Milestones (last 3 months/current month/next 3 months)

| Description: | Target Start | Target Finish | Current Start | Current Finish |
|--------------|---|------------------|------------------|-------------------|
| | All activities currently scheduled complete | | | |

Cost and Schedule Status:

- \$23.2K, 1.9% under cost
- \$0K, 0% behind schedule

Planned Expenditures for Year

- \$0K

Variances Exceeding Thresholds

Explanation:

Variances do not exceed thresholds.

Planned Action:

N/A

Issues

- ADS is being rebaselined to include new activities (second impoundment).

DATE: April 13, 1994

ER MONTHLY MEETING
ADS 1135
TA-40
RCRA CLOSURE OF SCRAP DETONATION SITE

PPL: DAVID MCINROY
PHONE: 667-0819

OUP: DAVID MCINROY
PHONE: 667-0819

Activities/Near-Term Milestones (last 3 months/current month/next 3 months)

| Description: | Target <u>Start</u> | Target <u>Finish</u> | Current <u>Start</u> | Current <u>Finish</u> |
|---------------------------------------|------------------------|-------------------------|-------------------------|--------------------------|
| Closure Report/Certification Complete | | 2/3/93 | | 12/28/93 |

Cost and Schedule Status:

- \$37.2K, 10.5% over cost
- \$212.3K, 37.2% behind schedule

Planned Expenditures for Year

- \$0K

Variances Exceeding Thresholds

Explanation:

Cost Variance: Labor costs for the closure implementation were greater than anticipated, combined with the cost of generating an amended closure plan.

Schedule Variance: The original Closure Plan for this unit was not written to address contamination if found at the site. It was written this way because previous sampling events never detected contaminants or anticipated the need for cleanup criteria and land use scenarios; therefore, the additional scope to complete this closure and regulatory approval requirements are causing the schedule slippage.

Planned Action:

Cost: This ADS will be rebaselined to reflect the additional scope required to complete closure activities.

Schedule: NMED will approve or modify the amended Closure Plan, and a new final closure date will be renegotiated. If the closure plan is approved as it was submitted to the NMED, the anticipated completion date will be September 1994.

Issues

- NMED approval of Closure activities.

DATE: April 13, 1994

ER MONTHLY MEETING
ADS 1114
TA-3, -30, -59, -60, -61, -64

PPL: DAVID MCINROY
PHONE: 667-0819

OUPL: GARY ALLEN
PHONE: 667-3394

Activities/Near-Term Milestones (last 3 months/current month/next 3 months)

| Description: | Target Start | Target Finish | Current Start | Current Finish |
|---|-----------------|------------------|------------------|-------------------|
| Analyze Existing Data for 2nd Work Plan | 7/15/93 | 3/16/94 | 7/15/93 | 3/16/94 |
| Develop DQOs for 2nd Work Plan | 12/23/93 | 10/11/94 | 12/23/93 | 10/11/94 |
| Develop Sampling Plan for 2nd Work Plan | 2/16/94 | 9/8/94 | 2/16/94 | 9/8/94 |

Cost and Schedule Status:

- \$128.3K, 6.3% over cost
- \$160.9K, 7.3% behind schedule

Planned Expenditures for Year

- \$2156K

Variances Exceeding Thresholds

Explanation:

Variances do not exceed thresholds.

Planned Action:

N/A.

Issues

DATE: April 13, 1994

ER MONTHLY MEETING
ADS 1071
TAs-0, -19, -26, -73, -74

PPL: DAVID MCINROY
PHONE: 667-0819

OUPL: JIM ALDRICH
PHONE: 667-1495

Activities/Near-Term Milestones (last 3 months/current month/next 3 months)

| Description: | Target Start | Target Finish | Current Start | Current Finish |
|---------------------------------|-----------------|------------------|------------------|-------------------|
| Conduct Site Surveys | 12/2/93 | 1/13/94 | 12/2/93 | 1/13/94 |
| Coordinate with Property Owners | 12/2/93 | 2/1/94 | 12/2/93 | 2/1/94 |
| Conduct Engineering Surveys | 3/1/94 | 3/7/94 | 2/8/94 | 2/18/94 |
| Conduct Geophysical Surveys | 3/1/94 | 3/14/94 | 2/7/94 | 2/18/94 |
| Collect Sediment Samples | 4/5/94 | 4/17/94 | 4/5/94 | 4/17/94 |

Cost and Schedule Status:

- \$975.7K, 17.6% over cost
- \$100.5K, 1.8% behind schedule

Planned Expenditures for Year

- \$8605K

Variances Exceeding Thresholds

Explanation:

Cost Variance: The variance was caused by the need to perform a VCA at SWMU 0-030(g) (septic tank) where hazardous and radioactive contaminants were found. Funds were provided by DOE to perform the VCA. The variance will continue until the FY94 baseline is approved.

Planned Action:

Cost: This ADS will be rebaselined to include additional funds of \$1M for the VCA of the septic tank, which were not included in the original baseline.

Issues

DATE: April 13, 1994

ER MONTHLY MEETING
ADS 1078
TA-1

PPL: DAVID MCINROY
PHONE: 667-0819

OUPL: CARL NEWTON
PHONE: 667-8676

Activities/Near-Term Milestones (last 3 months/current month/next 3 months)

| Description: | Target Start | Target Finish | Current Start | Current Finish |
|-------------------------|-----------------|------------------|------------------|-------------------|
| Lab Analysis | 9/30/93 | 1/10/94 | 9/30/93 | 1/10/94 |
| Write Contracts | 2/1/94 | 2/28/94 | 2/1/94 | 2/28/94 |
| Land Surveys | 2/1/94 | 10/15/94 | 2/1/94 | 10/15/94 |
| Field Work (Subsurface) | 3/1/94 | 10/15/94 | 2/15/94 | 9/30/94 |

Cost and Schedule Status:

- \$83.8K, 1.9% over cost
- \$1462.5K, 24.5% behind schedule

Planned Expenditures for Year

- \$2574K

Variances Exceeding Thresholds

Explanation:

Schedule Variance: The schedule has Phase II sampling and analysis, but the NOD required that the Mesa Top be Phase I sampled before Phase II sampling. The Phase I sampling and analysis plans for the Mesa Top were informally not accepted by EPA, Region 6.

Planned Action:

Schedule: The NFA proposals should significantly reduce the scheduled Mesa Top sampling. Additional sampling plans will be prepared after preliminary results of the Pilot Study are available and discussed with EPA, Region 6. This ADS will be rebaselined in FY94 to reflect EPA-mandated Phase I sampling and defer Phase II sampling for Mesa Top sampling until the Phase Report plans are approved.

Issues

DATE: April 13, 1994

ER MONTHLY MEETING
ADS 1079
TA-10, -31, -32, -45

PPL: DAVID MCINROY
PHONE: 667-0819

OUPL: GARRY ALLEN
PHONE: 667-3394

Activities/Near-Term Milestones (last 3 months/current month/next 3 months)

| Description: | Target Start | Target Finish | Current Start | Current Finish |
|-------------------------------------|-----------------|------------------|------------------|-------------------|
| Mobilize for TA-31,32 | 2/16/94 | 3/1/94 | 2/16/94 | 3/1/94 |
| Mobilize for TA-10 | 2/16/94 | 3/1/94 | 2/16/94 | 3/1/94 |
| TAs-31, -32 Geophysical/Rad Surveys | 3/16/94 | 3/29/94 | 3/16/94 | 3/29/94 |
| TA-10 Geophysical/Rad Surveys | 3/30/94 | 4/12/94 | 3/30/94 | 4/12/94 |

Cost and Schedule Status:

- \$51.0K, 1.3% over cost
- \$87.5K, 2.1% behind schedule

Planned Expenditures for Year

- \$3467K

Variances Exceeding Thresholds

Explanation:

Variances do not exceed thresholds.

Planned Action:

N/A

Issues

- Bayo Canyon Interim Measure.

DATE: April 13, 1994

ER MONTHLY MEETING
ADS 1093
TA-18, -27, -65

PPL: TED NORRIS
PHONE: 665-5136

OUP: GENE GOULD
PHONE: 667-0402

Activities/Near-Term Milestones (last 3 months/current month/next 3 months)

| Description: | Target Start | Target Finish | Current Start | Current Finish |
|--|-----------------|------------------|------------------|-------------------|
| Installed UST Monitoring Wells | | | | 3/18/94 |
| Response to RFI Work Plan NOD from EPA | | 4/8/94 | | 4/6/94 |
| Start Field Work | 5/4/94 | | | |

Cost and Schedule Status:

- \$538.1K, 26.0% over cost
- \$459.5K, 18.2% behind schedule

Planned Expenditures for Year

- \$2804K

Variances Exceeding Thresholds

Explanation:

Cost Variance: Overrun was a result of VCAs being completed (\$200K) and not incorporated in the present baseline. Additionally, RFI Work Plan (\$52K) and RFI field work (\$484K) activities have required a greater degree of effort than was anticipated in the previous baseline.

Schedule Variance: Subsurface Sample Analysis and Subsurface Data Assessment are taking longer to complete than was originally anticipated in the baseline.

Planned Action:

Cost: The baseline change proposal to be submitted in March will incorporate cost estimates for activities and milestones to be conducted with the FY94 target funds. Cost overrun was a result of VCAs being completed and not being incorporated in the present baseline.

Schedule: No milestones will be impacted and schedules will be rebaselined to reflect work to be performed.

Issues

DATE: April 13, 1994

ER MONTHLY MEETING
ADS 1130
TA-36, -68, -71

PPL: TED NORRIS
PHONE: 665-5136

OURL: GENE GOULD
PHONE: 667-0402

Activities/Near-Term Milestones (last 3 months/current month/next 3 months)

| Description: | Target Start | Target Finish | Current Start | Current Finish |
|-----------------------------|-----------------|------------------|------------------|-------------------|
| Respond to RFI NOD from EPA | | 3/9/94 | | 3/3/94 |
| Start Field Work | 5/15/94 | | | |

Cost and Schedule Status:

- \$262.2K, 18.9% over cost
- \$909.8K, 39.6% behind schedule

Planned Expenditures for Year

- \$3064K

Variances Exceeding Thresholds

Explanation:

Cost Variance: The costs of preparing for field work are higher than anticipated. Ways to work more efficiently in the field will be sought to help reduce future costs.

Schedule Variance: The primary cause of the variance is the lack of field sampling last Fall. Because no samples were collected, Sample Analysis activity is 42 weeks behind and Data Assessment activity is 34 weeks behind. The field work that was done will help expedite the Spring sampling. The new schedule in the rebaseline, when approved, will resolve this schedule variance.

Planned Action:

Cost: RFI field work will be evaluated to determine the overrun for this effort.

Schedule: A new schedule for sampling will be developed and will be incorporated in the FY94 rebaseline effort to be submitted to DOE on April 1, 1994.

Issues

DATE: April 13, 1994

ER MONTHLY MEETING
ADS 1132
TA-39

PPL: TED NORRIS
PHONE: 665-5136

OUP: GENE GOULD
PHONE: 667-0402

Activities/Near-Term Milestones (last 3 months/current month/next 3 months)

| Description: | Target Start | Target Finish | Current Start | Current Finish |
|------------------------------|-----------------|------------------|------------------|-------------------|
| Response to RFI NOD from EPA | | 5/4/94 | | |
| Start Field Work | 5/2/94 | 7/18/94 | | |

Cost and Schedule Status:

- \$399.5K, 21.7% over cost
- \$847.5K, 31.5% behind schedule

Planned Expenditures for Year

- \$3025K

Variances Exceeding Thresholds

Explanation:

Cost Variance: \$210K of contractor costs were erroneously charged to this ADS for the month of February. A cost correction memo to redistribute the contractor costs to the appropriate ADSs has been submitted and this error should be corrected by the March reporting.

Schedule Variance: Sample analyses are coming in at a slower rate than was anticipated. We will rework the Sample Analysis activity in the schedule for the FY94 rebaseline.

Planned Action:

Cost: A cost correction memo to redistribute the contractor costs to the appropriate ADSs has been submitted and this error should be corrected by the March reporting.

Schedule: Spring and Summer sampling activities will be rescheduled to more accurately reflect how work will be performed.

Issues

DATE: April 13, 1994

ER MONTHLY MEETING
ADS 1100
TA-20, -53, -72

PPL: TED NORRIS
PHONE: 665-5136

OUPL: GENE GOULD
PHONE: 667-0402

Activities/Near-Term Milestones (last 3 months/current month/next 3 months)

| Description: | Target Start | Target Finish | Current Start | Current Finish |
|--|-----------------|------------------|------------------|-------------------|
| Respond to NM NOD on Closure Plan | | 1/14/94 | | 1/14/94 |
| Receive RFI Work Plan Formal Review from DOE | | 4/15/94 | | 4/1/94 |
| Submit RFI Work Plan to EPA | | 5/20/94 | | |

Cost and Schedule Status:

- \$23.9K, 1.7% over cost
- \$1.3K, 0.1%

Planned Expenditures for Year

- \$846K

Variances Exceeding Thresholds

Explanation:

Variances due not exceed thresholds.

Planned Action:

N/A

Issues

DATE: April 13, 1994

ER MONTHLY MEETING
ADS 2110

PPL: TOM FARMER
PHONE: 667-1691

TTL: JOHN MIGLIO
PHONE: 665-8742

Activities/Near-Term Milestones (last 3 months/current month/next 3 months)

| Description: | Target Start | Target Finish | Current Start | Current Finish |
|--|-----------------|------------------|------------------|-------------------|
| Deploy Mobile Chemical Analytical Lab II | 11/13/92 | 5/14/93 | 3/22/93 | 8/30/93 |

Cost and Schedule Status:

- \$603.4K, 15.8% over cost
- \$1848.5K, 32.7% behind schedule

Planned Expenditures for Year

- \$3396K

Variances Exceeding Thresholds

Explanation:

Cost Variance: Additional costs including procurement of HPLC system not previously anticipated. Cost for Environmental Technical Team Leader and sample coordination tasks were greater than originally estimated.

Schedule Variance: Delays in getting bids out and vendor selected caused some delays. Delay was compounded by slippages in arrival of key parts for trailers. Early Spring deployment for RAD van is anticipated.

Planned Action:

Cost: The rebaseline for FY94 will incorporate additional scope not included in the approved FY93 baseline and associated target funding.

Schedule: The vendor is working with its suppliers to make up schedule slippages.

Issues

DATE: April 13, 1994

ER MONTHLY MEETING
ADS 2105 HIGHLIGHTS
(Page 1 of 12)

DGL: PAUL AAMODT
PHONE: 667-7960

PPL: TOM FARMER
PHONE: 667-1696

Earth Sciences - Jamie Gardner, Technical Team Leader

- A memo report was issued on "Soils Chemistry with Respect to Analytical Methods".
- There are two reports in preparation for LAMS publication: (1) Fracture studies, Pit 39, TA-54 and (2) Seven chapters on geoscience studies of TA-21. The TA-21 LAMS report has been distributed for technical review.
- Completed OU 1135 and 1085 RFI Work Plan reviews.
- Two other reports are in review: (1) "Stratigraphy, Mineralogy and Chemistry of Tuffs at Pajarito Mesa, Los Alamos National Laboratory Report", and (2) "Preliminary drilling results for bore holes LADP-3 and LADP-4 at technical area 21", Los Alamos National Laboratory report.
- Conducted two ground magnetic surveys for the purpose of learning the magnitude of variability of the magnetic properties of Bandelier Tuff and alluvial materials derived from the tuff.
- Performed technical reviews of proposals submitted to the program for geophysical work to be conducted on two of the townsite OUs.

Sample Coordination Facility - John Miglio, Technical Team Leader.

- The final contract with Southwest Oklahoma Analytical Laboratory under the new laboratory procurement was signed.
- Some Environmental Restoration Program samples were sent to analytical laboratories under the new analytical contracts.
- Other ER Program samples were sent to analytical laboratories under the interim analytical contracts.
- ER SOP 01.03 was revised in a collaborative effort with ICF-Kaiser Engineers.
- A design for a new Sample Coordination Facility at TA-35 to exclusively serve the Environmental Restoration Program was prepared.

Environmental Chemistry - Joan Fisk, Technical Team Leader

- Reviewed RFI work plans for Brad Martin, Dave Bradbury, and Roy Michelotti. Provided guidance in the areas of analytical chemistry (methods and analytes) and QA/QC procedures.
- Provided a document to the Program Office outlining areas where the ER program's generic QAPP needs to be changed, including recommendations on how it should be configured, if indeed a generic QAPP is really needed.
- Attended the National meeting of the Offices of Sample Management of the DOE complex facilities on March 8-10, 1994 in Boulder, CO. There were many issues discussed at this meeting

DATE: April 13, 1994

**ER MONTHLY MEETING
ADS 2105 HIGHLIGHTS
(Page 2 of 12)**

which are common problems across the complex, such as sample distribution between the DOE labs and the commercial subcontractors, tracking of samples/data, and standards for contracts and data delivery and validation.

- Attended a conference entitled "Cost Efficient Acquisition and Utilization of Environmental Data" on March 23-25, 1994, in Herndon, VA. In addition, chaired a work group at that meeting on Minimum Data Needs for Risk Assessment and Remedial Decisions.
- Worked with NTS (DOE) personnel, Rocky Flats, and DOE HQ (Analytical Services Division) to initiate a joint effort to develop a guidance on the appropriate use of field analytical services. We have scheduled a two-day workshop for May 3-4, 1994, in Las Vegas, NV, to start drafting the document.
- Worked with Allyn Pratt and his team to revise the site-specific QAPP so that he may effectively perform field analyses in a cost effective manner. Jeff Roberts of the CST-9 Organics Section is assisting in proposing field analyses options. In addition, a design for focused data validation will be included.
- Worked on the process of completing the joint approach with Sandia - with some refinement of the format for more consistency.
- Met with Jorg Jansen and the other TTLs on March 31, 1994, to discuss problems and how to operate in a more effective way. This meeting will be continued in the near future.
- Provided input to Craig Leasure's response to Allison Dories' request for data qualifiers in FIMAD.
- Worked with subcontractor who is developing the electronic deliverable for our lab data to incorporate qualifiers into our data verification process that occurs in our Office of Sample Management so that our new deliverable will automatically have useful qualifiers that will help the OUPs to better understand the useability of their data.
- Continue work with Pat Longmire on analytical chemistry issues for the baseline for the Canyons.

Subsurface Technologies - Sue Goff, Technical Team Leader

- TA-49 air rotary/odexing completed.
- Sample acceptance criteria approved, core in process of being moved in the Sample Management Facility.
- New bid packages prepared for rebid on auger and air rotary.
- New bid package for horizontal drilling expected this summer.
- Preliminary discussions on possible patents associated with equipment designed for use with air rotary system.
- Team Leader participated on ER Program Manager selection committee.
- Drilling continues.

DATE: April 13, 1994

**ER MONTHLY MEETING
ADS 2105 HIGHLIGHTS
(Page 3 of 12)**

**PPL: MIKE RAY
PHONE: 665-6495**

FIMAD-Nancy Marusak, Project Leader

- FIMAD continued to communicate with EPA/Dallas to arrange a visit (based upon their schedule) to help them access FIMAD data in a way that is most beneficial to them. We are currently attempting to work with their system manager to be sure the correct terminals are set up for access.
- New analytical techniques were incorporated into several production requests from OU Project Leaders and technical teams.
- Sample data was modeled, then gridded and resampled to produce isoplots of sample data in TA-35.
- Newer digital elevation data, derived from contour data, was used to drape digital orthophotography and base data on a '3-d' perspective terrain model. This allowed enhanced interpretation of sample data of the TA-22 plating waste drainage site.
- FIMAD prepared multiple copies of a variety of maps for the recent Emergency Response exercise. In all, 82 new maps were created, and 435 copies of maps were produced specifically for ER work.
- A "BETA" version of SIMAD 2.1 is currently being tested and user requirements specifications for SIMAD 3.0 are being written. Also, FIMAD implemented software to perform integrity checks on CTS-9 analytical data transfers. Design and testing of the automated procedure to ensure database integrity using with the Epoch Backup Self Service Recovery System is in process.
- Schemes and interface routines for the Screening Action Level information were implemented. Prototype database parameters were tested for the final draft of the ER Program Sample and Analytical Data. Preliminary analysis was conducted for optimization of the high use/capacity tables.
- All FIMAD geographical data was converted from the older 1927 datum to NAD83 based upon DOE mandate and LANL standards that specify that all new geographical coordinates use the newer, more accurate North American Datum of 1983 (NAD83) .
- New data from American Digital Cartography was received that will extend the spatial extent of FIMAD's base data layers to cover Fenton Hill site to the east of the Laboratory. Also, a new version of the Geographic Information System software used by FIMAD - Arc 6.1.2 was installed and brought on-line for routine production work.

RPF-Mike Ray, Project Leader

- Records Processing Facility (RPF) staff received requests for copies of the Installation Work Plan (IWP) and copies of all Operable Unit Work Plans which will be provided to representatives from the San Ildefonso Pueblo.
- RPF staff participated in three assessments (audits) during March. 1) An assessment of technical field teams submittal of Operable Unit field records. 2) Records retrieval for the D&D/ER DOE

DATE: April 13, 1994

**ER MONTHLY MEETING
ADS 2105 HIGHLIGHTS
(Page 4 of 12)**

Order Compliance Self Assessment. 3) Records retrieval was conducted for an HS-5 safety audit.

- Duane Martinez is now the point-of-contact for D&D records. Duane is working with the field teams to implement procedures and policies regarding field documentation of D&D activities.
- Approximately 8,000 pages of field records for OU 1071 and OU 1144 were received at the RPF and are being processed.
- Training materials for using the RPF were prepared and provided to ERM-Golder for a management presentation and orientation.
- RPF staff assisted with the compilation and production activities for the ER Program Baseline.
- Revision to the Administrative Procedure 02.1, Procedure for LANL ER Records Management, is in process.

DATE: April 13, 1994

ER MONTHLY MEETING
ADS 2105 HIGHLIGHTS
(Page 5 of 12)

DGL: LARS SOHOLT
PHONE: 667-2256

PPL: ELIZABETH KELLY
PHONE: 665-3033

Statistics and Decision Support Technical Team

(NOTE THE DECISION ANALYSIS TECHNICAL TEAM ACTIVITIES HAVE BEEN INCORPORATED INTO THE STAT/DQO TECHNICAL TEAM. THE COMBINED TEAMS HAVE BEEN RENAMED, STATISTICS AND DECISION SUPPORT)

Statistics and Decision Support Accomplishments:

Held several planning and organizational meetings with members of Neptune & Co. Planned upcoming events, deliverables, and milestones.

Attended waste management meetings with Area G personnel. Worked on developing investigation and remediation derived waste logic flows for incorporation into work plans and VCA efforts. Worked on developing a waste stream sampling plan for Area G personnel.

1. DEVELOP AND DOCUMENT ER PROGRAM TECHNICAL APPROACH

Improve Stakeholder Understanding of Risk-based Decision Making and Technical Approach

Participated in meetings with EM/ER personnel, SIO and contractors to plan how to elicit ideas from the public on how they might participate in future use decisions. Developed cover letter and initial interview questions for eliciting this information. Started researching other public participation plans by reading texts and calling experts.

Coordinated and participated in a 2-day presentation on Laboratory public involvement at the high school.

Presented "*Importance of Public Involvement in Future Land Use Decisions*" at the quarterly public information meetings in Espanola, Los Alamos, and Santa Fe.

Prepared viewgraph for the Baca/Hecker briefing to Grumbly.

Integrate DQOs and Observational Approach into a Risk-based Framework or ER Investigations and Remedial Decisions

Reviewed NODs on work plans received from EPA and NMED to identify remaining issues related to the LANL approach.

Develop Guidance for Statistical Risk Assessment Issues

Investigated reported polycyclic aromatic hydrocarbons (PAHs) results at a number of Operable Units; detection limits as well as reported results appear to be quite variable. These compounds have quite low screening action levels, but also are widely found in both urbanized and perhaps volcanic settings.

Integrate RCRA Corrective Action Process

Attended MDA P site visit and prepared to support efforts to sample this area for Phase 1 Closure activities.

DATE: April 13, 1994

ER MONTHLY MEETING
ADS 2105 HIGHLIGHTS
(Page 6 of 12)

2. DEVELOP AND DOCUMENT STATISTICAL METHODS FOR USE BY THE ER PROGRAM

Develop Sampling Strategies to Support Data Quality Objectives

No activities for this month.

Developed Sampling Strategies and Data Assessment Strategies for Flow Transport (contaminants and sediments) for Risk Assessments

Submitted a paper, *The Bayesian Approach to Screening Assessment*, to the Hazardous Material Control Research Institute.

Develop Methods for Data Evaluation in Support of ER Decisions

Continued to examine and discuss the data produced by Framework studies for background comparisons. Data now available is suitable for preliminary comparisons, but additional study would improve the confidence we can place in conclusions drawn from such comparisons. (Background comparisons will be the subject of an April data assessment seminar.)

Reviewed FIMAD proposals for the structure of the data base, and discussed next steps towards making some graphics for data exploration available on FIMAD.

Summarizing results from bench studies using the Berthold counter and the XRF conducted last month following our experimental designs.

3. SUPPORT DATA QUALITY ASSURANCE AND DATA QUALITY ASSESSMENT

Develop Procedures for Data Quality Assessment (DQA)

No Activities for this month.

Review Current QAPjP and Provide Guidance for Revisions

Attended site-wide QAPjP meetings and worked on Quality Assurance issues relative to environmental investigations at the Laboratory. Currently working on compiling a list of potential analytical methods and associated figures of merit for selection of methods.

4. PROVIDE OPERABLE UNIT (OU) SUPPORT

Support RFI Work Plan Development/Responses to Comments and NODs

We helped to develop DQOs for the OU 1114 work plan being prepared in response to the NOD on the original RFI work plan.

Perform Data Quality Assessment

Screened data and prepared a list of problematic analytical records for OU 1147.

Evaluate Environmental Data to Support OU Decisions

Finalized our contributions to the OU 1071 phase report on the impact sites.

Beginning work on the OU 1078 Phase Report.

Revising the data analysis sections of the OU 1079, TA-45 Phase Report for surface sampling to better focus results on decisions about the SWMUs described in the original work plan. We are also working on statistical comparisons of sample values to Laboratory-wide background values.

DATE: April 13, 1994

**ER MONTHLY MEETING
ADS 2105 HIGHLIGHTS
(Page 7 of 12)**

Generated random sample points in accordance with the TA-10 surface soils sampling plan using the grid and stratification specified in the OU 1079 work plan.

Continuing examination of OU 1082 experimental data collected using LIBS and exploration of different techniques for estimating barium concentration. Supported OU 1082 RFI activities and reviewed most recent Work Plan.

Continued a detailed evaluation of data from OU 1122's Main Site and Area 6, and participated in the formulation of decisions based on these data. Prepared Summary Analytical Data reports for the ER Program Quarterly Report.

Prepared reports on OU 1147 data from FIMAD. Prepared Summary Analytical Data reports for the ER Program Quarterly Report.

Develop and Present Training on Data Quality and Statistical Methods

The data assessment seminar series continued with presentations on the difference between risk and screening assessment, on the statistical basis for the DQO process and sample design, and on the Interagency Task Force agreement.

Presented short talks on statistical activities in the ER Program at Los Alamos to the semiannual meeting of the Quality Manager's Statistical Applications Subcommittee (an inter-laboratory DOE group) and to the LANL's statistics group.

Met with MACTEC to scope training activities for the remainder of the fiscal year.

Statistics and Decision Support Future Activities:

Future data assessment seminars will deal with risk assessment, the DQO process, background comparisons, data validation, data quality assessment, and more on FIMAD.

Statistics and Decision Support Problem Areas:

None.

DATE: April 13, 1994

ER MONTHLY MEETING
ADS 2105 HIGHLIGHTS
(Page 8 of 12)

Human Health Risk Assessment Technical Team

Human Health Risk Assessment (HHRA) Technical Team Accomplishments

1. DEVELOP AND DOCUMENT HUMAN HEALTH RISK ASSESSMENT APPROACH

Document Technical Approach in IWP

No activities this month.

Develop Guidance for Specific Constituents of Concern

Developed guidance that identifies current PCB regulations and proposes an approach for investigating sites with potential PCB contamination.

Continued to develop a rationale for evaluating PAHs as an anthropogenic source.

Involve Stakeholders in Risk Assessment Approach; Improve Stakeholder Understanding of Risk-based Decision Making

Attended LANL public information meeting on Site Specific Advisory Board (SSAB). E. Kelly (PPL) also attended.

Attended the March 8 ER Public Participation meeting (ER Program, DOE LAAO, and the SIO working group) on Land Use. Presented needs and issues for developing a Native American risk scenario. Public Participation team members felt LANL might not necessarily benefit from Hanford's experience and that LANL is not yet ready to involve Native Americans in the development of a land use scenario.

Attended ER Public Outreach meeting on March 16. E. Kelly (PPL) presented Land Use issues.

Identify and Validate Transport Models

Had several meetings with the Earth Sciences TTL and the Geochemical Technical Team PI to begin coordinating the Earth Sciences Technical Teams in developing a consistent programmatic approach to characterize contaminant transport pathways and to assess modeling needs.

Prepared for a second meeting (April, 1994) of ER personnel having surface water/sediment data with potential for use in transport modeling.

Develop Guidance for Risk Assessment Statistical Issues

Finalized entry of Screening Action Levels into FIMAD. SALs are now active and available to all FIMAD users and the public. SAL values have a start date of November 10, 1993 and will be updated biannually.

2. PROVIDE OU SUPPORT

Provide Risk Assessment Support for RFI Work Plans

Continued support of OUs 1082, 1085, 1114, 1122, 1136, and the Canyons. Efforts involved participating in the writing of the technical approach and the DQOs/sampling and analysis portions of Work Plans, attending OU team meetings, developing SALs, developing conceptual exposure models, and reviewing analytical data.

Started attending weekly OU 1078 meetings in order to participate in data evaluation and perform risk assessments for the hillside areas.

Developed rationale for proposing no further action for several SWMUs located in OU 1122. Started working with the statisticians to evaluate analytical data.

DATE: April 13, 1994

ER MONTHLY MEETING
ADS 2105 HIGHLIGHTS
(Page 9 of 12)

Derived potassium-40 SAL for OU 1147.

Attended meetings as a risk assessment representative for the Canyons OU.

Review Work Plans and Phase Reports

Reviewed OU 1082 Work Plan 2.

Met with OU 1100 Deputy OUPL to discuss how they could address Argonne Work Plan comments concerning human health risk assessment.

Incorporated and responded to comments on the OU 1079 Phase I Report for TA 45. The report will be submitted to internal LANL reviewers in April.

Develop and Present Risk Assessment Training

Prepared and presented a talk entitled *Risky Business: Why Screening Assessment is Different than Risk Assessment* at the March 3 Data Assessment Seminar. (One of a bimonthly series for members of the Technical Assessments Teams, Operable Unit Project Leaders, and other interested parties associated with the ER Program.)

All EPA NODs for Work Plans reviewed to date were compiled in preparation for the March 31 seminar entitled *Why s the Technical Assumptions Document Important and What are the Remaining Issues?* (to be presented by E. Kelly, PPL). We will be documenting all programmatic issues in order to ensure the Technical Assumptions Document (written for the interagency Task Force of DOE, EPA Region 6, NMED, LANL and Sandia) and the IWP incorporate the EPA's concerns.

Compiled notes on Data Assessment Seminar (*Risky Business: Why Screening Assessment is Different than Risk Assessment*, March 3).

Various HRRR Technical Team members attended the following:

a five-day risk assessment course (February 28-March 4) in South Carolina that focused on risk assessment techniques and uncertainty analysis.

the annual American Chemical Society Conference in San Diego, CA, March 13-17.

the annual Society of Toxicology Conference in Dallas, Texas, March 14-17.

Developed a manuscript entitled "Use of Screening Action Levels in Risk Assessment at Los Alamos National Laboratory" to be presented in New Orleans at the Federal Environmental Restoration III and Waste Minimization II Conference and Exhibition, April 27-29.

Human Health Risk Assessment Future Activities

1. DEVELOP AND DOCUMENT HUMAN HEALTH RISK ASSESSMENT APPROACH

Document Technical Approach in IWP

HRRR Technical Team will continue working with Stat/DQO Technical Team members to integrate statistical issues in human health risk assessment approaches (i.e., background comparisons).

We will be involved in developing the risk assessment methodology for corrective measures studies to aid in remedy selection.

DATE: April 13, 1994

**ER MONTHLY MEETING
ADS 2105 HIGHLIGHTS
(Page 10 of 12)**

Identify and Validate Transport Models

We are planning to meet with Earth Sciences Technical Teams in April to begin development of a consistent programmatic approach for characterizing contaminant transport pathways and assess modeling needs.

Develop Risk-based Decision Rules for VCA

We will be developing guidance for voluntary corrective actions and interim actions. Guidance will include mandatory review of all VCAs by the HHRA Technical Team to maintain consistency in approach.

2. PROVIDE OU SUPPORT

Provide Risk Assessment Support for RFI Work Plans

The HHRA Technical Team will continue to provide risk assessment support and participate in meetings for OUs 1071, 1078, 1079, 1082, 1114, 1085, 1122, 1136, 1140, and the Canyons.

We will respond to and incorporate internal LANL review comments on the OU 1079 Phase I Report.

Human Health Risk Assessment Problem Areas

None.

DATE: April 13, 1994

ER MONTHLY MEETING
ADS 2105 HIGHLIGHTS
(Page 11 of 12)

Ecological Risk Assessment Technical Team

Developed detailed activities, deliverables, and budget requirements for FY94 and activities, and budgets for outyears.

Ecological Risk Assessment Technical Team (ERATT) Accomplishments

Ecological Risk Assessment Technical Team (ERATT) Accomplishments

1. DEVELOP AND DOCUMENT ECOLOGICAL RISK ASSESSMENT APPROACH

Develop Ecological End Points

- **Develop Spatial Scales**
- **Develop A Screening Model**
- **Develop A Dynamic Model**
- **Test Models on Data From E-F Site**

A modified version of the Colorado State University ecological risk screening model, ERAM, was received on January 10, 1994. Several changes have been incorporated as a result of the review of the initial model submitted in November, 1993. Extension of the contract to continue work on the development of a dynamic model was negotiated during January, 1994.

Integrate Ecological Risk Assessment, NRDA, and Environmental Evaluation (e.g., NEPA)

Meetings with OUPLs and hydrological studies personnel continued. These meetings are part of the effort to define FY-94 tasks for Ecological Risk Assessments and NRDA activities.

Ecological Risk Assessment Future Activities

Work on site specific ecological risk screening will start during February, 1994. In addition, data bases for expansion of the ERAM model will be developed or application to other contaminants.

Ecological Risk Assessment Problem Areas

The loss of Randy Ryti (Neptune and Company) continues to have a negative impact on team activities.

DATE: April 13, 1994

ER MONTHLY MEETING
ADS 2105 HIGHLIGHTS
(Page 12 of 12)

Environmental Evaluation Technical Team

Environmental Evaluation Technical Team (EETT) Accomplishments

1. PROVIDE OU SUPPORT

Programmatic Support for RFI Work Plans

Work on the reports for the Biological and Archaeological assessments conducted in FY-93 continues, including OUs 1036, 1085, 1100, and 1154.

Biological Reports written for OUs 1082, 1085, 1086, 1093, 1111, 1114, 1130, 1132, and 1157 Site Characterization are being edited.

Archaeologists are still finishing field work in OUs 1100 and 1130.

Wetlands mapping and data entry into the GIS continues

Environmental Evaluation Future Activities

1. PROVIDE OU SUPPORT

Programmatic Support for RFI Work Plans

A continued level of effort to complete reports and compile data is expected.

Information is needed to begin the DOE environmental Checklists for OUs 1036, 1085, 1100, and 1154. OUPLs need to initiate this process by completing and ES and H Questionnaire for Site Characterization.

Environmental Evaluation Problem Areas

None.

DATE: April 13, 1994

ER MONTHLY MEETING
D&D PROGRAM
ADS 1051

DGL: LARS SOHOLT
PHONE: 665-3029

PPL: MIGUEL SALAZAR
PHONE: 665-3056

Activities/Near-Term Milestones (last 3 months/current month/next 3 months)

| Description: | Target Start | Target Finish | Current Start | Current Finish |
|---------------------|-----------------|------------------|------------------|-------------------|
| FY93 LOE Management | 10/1/92 | 9/30/93 | 10/1/92 | 9/30/93 |

Cost and Schedule Status:

- \$63.1K, 2.1% underrun
- \$0.3K, 0.0%

Planned Expenditures for Year

- \$1655K

Variances Exceeding Thresholds

Explanation:

Variances do not exceed thresholds.

Planned Action:

N/A

Issues

DATE: April 13, 1994

ER MONTHLY MEETING
D&D PROGRAM
ADS 1051B

DGL: LARS SOHOLT
PHONE: 665-3029

PPL: MIGUEL SALAZAR
PHONE: 665-3056

Activities/Near-Term Milestones (last 3 months/current month/next 3 months)

| Description: | Target <u>Start</u> | Target <u>Finish</u> | Current <u>Start</u> | Current <u>Finish</u> |
|---------------------|------------------------|-------------------------|-------------------------|--------------------------|
| FY93 LOE Management | 10/1/92 | 9/30/93 | 10/1/92 | 9/30/93 |

Cost and Schedule Status:

- \$219.1K, 45.7% under cost
- \$0.0K, 0.0%

Planned Expenditures for Year

- \$227K

Variances Exceeding Thresholds

Explanation:

Cost Variance: The tasks causing the variance were LOE types of activities that cost less than planned and some were completed in FY93. This ADS is now staffed to the level of full-time equivalents that the initial scope of work required. FY93 carryover will be used to fund additional resources to address programmatic requirements in FY94. Additional resources will be available in April.

Planned Action:

Cost: There is no work around for the cumulative positive cost variance. The cost underrun will continue until this ADS is rebaselined in April 1994. Activities have begun to identify Phase I needs for possible surplus structures of the Meson Facility.

Issues

DATE: April 13, 1994

ER MONTHLY MEETING
D&D PROGRAM
ADS 1054
TA-35

PPL: MIGUEL SALAZAR
PHONE: 665-3056

PL: ALFREDO REY
PHONE: 667-9088

Activities/Near-Term Milestones (last 3 months/current month/next 3 months)

| Description: | Target Start | Target Finish | Current Start | Current Finish |
|---|-----------------|------------------|------------------|-------------------|
| Develop Safety Plan | 10/1/92 | 10/15/92 | 6/15/93 | 8/15/93 |
| Design Control - Change Control (Charter) | 10/1/92 | 12/1/92 | 6/15/93 | 8/15/93 |
| Design Criteria - QA Document | 10/1/92 | 12/1/92 | 6/15/93 | 8/15/93 |
| Formulate Tracking Mechanisms | 10/1/92 | 12/1/92 | 6/15/93 | 8/15/93 |
| Deliver Safety Plan | 10/15/92 | | 6/15/93 | |
| Submit Sampling Plan | | 1/5/93 | | 9/30/93 |

Cost and Schedule Status:

- \$380.0K, 95.7% over cost
- \$2045.0K, 88.4% behind schedule

Planned Expenditures for Year

- \$4317K

Variances Exceeding Thresholds

Explanation:

Cost Variance: The reason for the variance is that the working schedule differs from the baseline schedule, thus earned value does not accurately reflect progress to date. The 9-month delay caused significant changes in the initial planning and scheduling of the project. Resolution of variance will be realized when the new baseline is approved and utilized to report to DOE.

Schedule Variance: All activities in the project are contributing to the schedule slip. The project was halted then restarted approximately 9 months later. The delay was caused by shortage of resources in the ER Program at the time of transfer from the Waste Management Group

Planned Action:

Cost: The costs will be closely monitored by the project leader to assure that the Laboratory remains within budget against the new FY94 baseline. A new cost estimate for the entire project will be included in the March 1994 baseline submittal.

Schedule: The project leader has restarted and reforecast the project against the current anticipated funding. The technical scope, the activity schedule, and the costs have been revised.

Issues

DATE: April 13, 1994

ER MONTHLY MEETING
D&D PROGRAM
ADS 1055

PPL: MIGUEL SALAZAR
PHONE: 667-0808

PL: DAN STOUT
PHONE: 667-0808

Activities/Near-Term Milestones (last 3 months/current month/next 3 months)

| Description: | Target Start | Target Finish | Current Start | Current Finish |
|-------------------------------|-----------------|------------------|------------------|-------------------|
| DOE Review NESHAP Application | | | 3/15/93 | 4/1/93 |
| EPA Review NESHAP Application | | | 4/5/93 | 6/5/93 |
| Assessment | | | 7/27/89 | 9/17/93 |
| Remediation | | 4/10/95 | 9/20/93 | 8/6/96 |

Cost and Schedule Status:

- \$294.9K, 20.6% over cost
- \$4483.7K, 75.8% behind schedule

Planned Expenditures for Year

- \$7599K

Variances Exceeding Thresholds

Explanation:

Cost Variance: Variance due to preparation of the Program Management Plan. Additional resources were needed for revising the plan and other assessment documents to incorporate NESHAP permit impacts and the schedule delay impact. A portion of this variance has been made up during remediation. Current period BCWP may underestimate subcontractor progress; this will be corrected in the next reporting period.

Schedule Variance: A NESHAP permit was required before the remediation phase could start. Laboratory-wide compliance concerns with NESHAP necessitated preparing a more detailed NESHAP permit instead of the exception request identified in the project baseline. A portion of the variance is due to the baseline's tracking of unfunded activities (TA-21 All Other Assessment and TA-21 All Other Remediation activities). These two unfunded activities account for 30% of the schedule variance. The variance will continue until the FY94 baseline is approved.

Planned Action:

Cost: Prepare Program Management Plan activity caused the variance. Additional resources were need for revising the plan and other assessment documents to incorporate NESHAP permit impacts and the schedule delay impact. The overrun on the assessment phase cannot be corrected because the phase is completed.

Schedule: The 18-month schedule slip cannot be made up. This activity data sheet will be rebaselined.

Issues

DATE: April 13, 1994

ER MONTHLY MEETING
D&D PROGRAM
ADS 2134

PPL: MIGUEL SALAZAR
PHONE: 667-0808

PL: LARRY BYARS
PHONE: 667-8169

Activities/Near-Term Milestones (last 3 months/current month/next 3 months)

| Description: | Target Start | Target Finish | Current Start | Current Finish |
|-------------------------------|-----------------|------------------|------------------|-------------------|
| DOE Review NESHAP Application | | | 3/15/93 | 4/1/93 |
| EPA Review NESHAP Application | | | 4/5/93 | 6/5/93 |
| Assessment | 9/25/87 | 4/1/93 | 7/27/89 | 9/10/93 |
| Remediation | 3/18/92 | 4/10/95 | 7/6/93 | 8/6/96 |

Cost and Schedule Status:

- \$0.0K, 0.0%
- \$252.4K, 100.0% behind schedule

Planned Expenditures for Year

- \$2036K

Variances Exceeding Thresholds

Explanation:

Schedule Variance: All activities scheduled to begin in FY94 have been delayed. No effort can be completed until funding is made available.

Planned Action:

Schedule: There is no funding or scheduled activities for this ADS in the new baseline.

Issues

DATE: April 13, 1994

ER MONTHLY MEETING
D&D PROGRAM
ADS 2135

PPL: MIGUEL SALAZAR
PHONE: 667-0808

PL: LARRY BYARS
PHONE: 667-8169

Activities/Near-Term Milestones (last 3 months/current month/next 3 months)

| Description: | Target Start | Target Finish | Current Start | Current Finish |
|-------------------------------|-----------------|------------------|------------------|-------------------|
| DOE Review NESHAP Application | | | 3/15/93 | 4/1/93 |
| EPA Review NESHAP Application | | | 4/5/93 | 6/5/93 |
| Assessment | 9/25/87 | 4/1/93 | 7/27/89 | 9/10/93 |
| Remediation | 3/18/92 | 4/10/95 | 7/6/93 | 8/6/96 |

Cost and Schedule Status:

- \$0.0K, 0.0%
- \$333.6K, 100.0% behind schedule

Planned Expenditures for Year

- \$1127K

Variances Exceeding Thresholds

Explanation:

Schedule Variance: All activities scheduled to begin in FY94 have been delayed. No effort can be completed until funding is made available.

Planned Action:

Schedule: There is no funding or scheduled activities for this ADS in the new baseline.

Issues

DATE: April 13, 1994

ER MONTHLY MEETING
D&D PROGRAM
ADS 2136

PPL: MIGUEL SALAZAR
PHONE: 667-0808

PL: LARRY BYARS
PHONE: 667-8169

Activities/Near-Term Milestones (last 3 months/current month/next 3 months)

| Description: | Target <u>Start</u> | Target <u>Finish</u> | Current <u>Start</u> | Current <u>Finish</u> |
|-------------------------------|--------------------------------|---------------------------------|---------------------------------|----------------------------------|
| DOE Review NESHAP Application | | | 3/15/93 | 4/1/93 |
| EPA Review NESHAP Application | | | 4/5/93 | 6/5/93 |
| Assessment | 9/25/87 | 4/1/93 | 7/27/89 | 9/10/93 |
| Remediation | 3/18/92 | 4/10/95 | 7/6/93 | 8/6/96 |

Cost and Schedule Status:

- \$0.0K, 0.0%
- \$1570.5K, 100.0% behind schedule

Planned Expenditures for Year

- \$4067K

Variances Exceeding Thresholds

Explanation:

Schedule Variance: All activities scheduled to begin in FY94 have been delayed. No effort can be completed until funding is made available.

Planned Action:

Schedule: There is no funding or scheduled activities for this ADS in the new baseline.

Issues

DATE: April 13, 1994

ER MONTHLY MEETING
D&D PROGRAM
ADS 2137

PPL: MIGUEL SALAZAR
PHONE: 667-0808

PL: LARRY BYARS
PHONE: 667-8169

Activities/Near-Term Milestones (last 3 months/current month/next 3 months)

| Description: | Target Start | Target Finish | Current Start | Current Finish |
|-------------------------------|-----------------|------------------|------------------|-------------------|
| DOE Review NESHAP Application | | | 3/15/93 | 4/1/93 |
| EPA Review NESHAP Application | | | 4/5/93 | 6/5/93 |
| Assessment | 9/25/87 | 4/1/93 | 7/27/89 | 9/10/93 |
| Remediation | 3/18/92 | 4/10/95 | 7/6/93 | 8/6/96 |

Cost and Schedule Status:

- \$0.0K, 0.0%
- \$355.1K, 100.0% behind schedule

Planned Expenditures for Year

- \$919K

Variances Exceeding Thresholds

Explanation:

Schedule Variance: All activities scheduled to begin in FY94 have been delayed. No effort can be completed until funding is made available.

Planned Action:

Schedule: There is no funding or scheduled activities for this ADS in the new baseline.

Issues

DATE: April 13, 1994

ER MONTHLY MEETING
D&D PROGRAM
ADS 2138

PPL: MIGUEL SALAZAR
PHONE: 667-0808

PL: LARRY BYARS
PHONE: 667-8169

Activities/Near-Term Milestones (last 3 months/current month/next 3 months)

| Description: | Target <u>Start</u> | Target <u>Finish</u> | Current <u>Start</u> | Current <u>Finish</u> |
|-------------------------------|------------------------|-------------------------|-------------------------|--------------------------|
| DOE Review NESHAP Application | | | 3/15/93 | 4/1/93 |
| EPA Review NESHAP Application | | | 4/5/93 | 6/5/93 |
| Assessment | 9/25/87 | 4/1/93 | 7/27/89 | 9/10/93 |
| Remediation | 3/18/92 | 4/10/95 | 7/6/93 | 8/6/96 |

Cost and Schedule Status:

- \$0.0K, 0.0%
- \$600.1K, 100.0% behind schedule

Planned Expenditures for Year

- \$1554K

Variances Exceeding Thresholds

Explanation:

Schedule Variance: All activities scheduled to begin in FY94 have been delayed. No effort can be completed until funding is made available.

Planned Action:

Schedule: There is no funding or scheduled activities for this ADS in the new baseline.

Issues