Bill

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

AUG 2 1990

Ms. Kathleen Sisneros
New Mexico Environmental Improvement Division
Hazardous Waste Bureau
Harold Runnels Bldg.
1190 St. Francis Drive
Santa Fe, NM 87503

Dear Ms. Sisneros:

Enclosed for your information are two (2) copies of the Los Alamos National Laboratory Environmental Restoration (ER) Program Monthly Report. Transmittal of this report is required by Los Alamos National Laboratory's Resource Conservation and Recovery Act (RCRA) operating permit.

Should you have any questions, please call Dr. Paul Schumann of my staff at 665-5027.

Sincerely,

Kenneth A. Sprankle, Acting Chief
Environment, Safety and Health Branch

LESH:2DG-413-7

Enclosures:
Environmental Restoration Program Monthly Report
2 Copies

One document in magazine file; other in Bill Blackenship's office

8028

LA-UR-90-2691

Los Alamos National Laboratory

Environmental Restoration

A Department of Energy environmental clean-up program

MONTHLY REPORT

JUNE

FISCAL YEAR 1990

[redacted]

REPORT PERIOD - JUNE

LOS ALAMOS NATIONAL LABORATORY

LANL ER PROGRAM OFFICE

ALBUQUERQUE FIELD OFFICE

CONTRACTOR: UNIVERSITY OF CALIFORNIA

ACTING PROGRAM DIRECTOR: THOMAS GUNDERSON

PROGRAM MANAGER: ROBERT VOCKE

NUMBER OF POTENTIAL RELEASE SITES: APPROXIMATELY 600

SUSPECT WASTE: RADIONUCLIDES, HIGH-EXPLOSIVES, METALS, SOLVENTS, ORGANICS

FY90 ESTIMATED ACTUAL COSTS:

GF-72-91-01:	$3171K
GF-72-91-02:	$ 330K
GF-72-89-02:	$1313K
TOTAL:	$4814K

FY90 BUDGET:

GF-72-91-01:	$ 7854K
GF-72-91-02:	$ 505K
GF-72-89-02:	$ 2250K
TOTAL	$10609K

INTRODUCTION

DOE conducted a validation review of the Laboratory's FYP resource planning process. The Laboratory has modified aspects of its planning process based on the review. The Laboratory's initial analysis of the revised approach is a that a less than 5% reduction in number of samples will be realized. The number of potential sites has increased dramatically, therefore, there will be a correpsonding increase in the FY93 FYP. The revised draft FY93 FYP should be available in September.

The June status of each task is discussed below. Significant issues are summarized under Problems/Issues followed by the Manager's Assessment of % Complete. The required monthly reporting forms are attached. The task element % scheduled and % completed columns are completed where appropriate.

RCRA/CERCLA ASSESSMENT
(B&R CATEGORY - GF-72-91-01)

Task Element Status

AL-LA-1 (Canyons) (Project Leader - Sandy Wagner)

Work Plan - There was some field activity conducted on this task during the month of June. The current cost underrun is a reflection of the seasonal nature of field activities which will be offset by an increased level of effort during the summer months. The project is expected to be on schedule and within budget by the end of the fiscal year.

AL-LA-2 (TA-33, Material Disposal Areas) (Project Leader - Paul Aamodt)

Work Plan - During June, the lead technical organization, CLS-1, continued compiling archival information on the Material Disposal Areas at TA-33. Three site visits were made to TA-33 to check locations against previous surveys and for team member familiarization. Team members from various LANL technical groups met on two occasions for assignments and review of the available information. The solid waste management units (SWMUs) were evaluated using various schemes in order to develop reasonable aggregations based on common properties. This effort resulted in the 61 SWMUs being consolidated into three aggregations having generally similar chemical properties and geographical proximity. A letter report on this effort was prepared and is currently being reviewed by ER Office staff.

A cost underrun is not expected this fiscal year, even though work did not start until mid-year because the available funding was below the amount indicated in the FY92 FYP. Supplemental funding in FY91 and FY92 will likely be needed to meet the requirements of the HSWA module of the RCRA Operating Permit.

AL-LA-3 (TA-33, Buildings and Outfalls) (Project Leader - Paul Aamodt)

Work Plan - AL-LA-3 is currently being conducted as a package task with AL-LA-2 and AL-LA-4 (below), thus the activity description for AL-LA-2 covers all three task elements. The budgetary description likewise applies to all three task elements.

AL-LA-4 (TA-33, Subsurface Structures) (Project Leader - Paul Aamodt)

Work Plan - Same as AL-LA-2 above, including budgetary description.

AL-LA-5 (TA-50, Material Disposal Area C and other SWMUs) (Project Leader-Sandy Wagner)

Work Plan - Section 3 of the RFI Work Plan is being written, expected to be completed by the end of the fiscal year. Existing budget may be inadequate to complete activities scheduled for this fiscal year. Work to date is ahead of schedule.

AL-LA-8 (TA-21, MDA A, B, T, U, and V) (Project Leader - Micheline Devaurs)

Work Plan - The internal milestone for completion of Section 3 of the TA-21 Work Plan (SWMU description and identification of data needs) for all 68 TA-21 SWMUs was May 28, 1990. This deliverable is still incomplete for all TA-21 SWMUs.

Work Plan activities this month focused on: (1) developing exposure scenarios for TA-21 and (2) initiating a contract for input and review of the Work Plan to make sure the sampling plan is proposing to collect appropriate data for the unsaturated zone. A TA-21 site tour for EPA personnel was also conducted.

Much progress was made on proposing an approach for subsurface characterization of the material disposal areas (MDA's) at TA-21. For those MDA's which received solid waste (A,B), a phased approach evaluating first whether waste has migrated from the site and then secondly, if necessary, defining any contaminant plumes that are present is proposed. For MDA's which received liquid waste (T,U,V) the approach will be to define both the plume migration and extent of migration in the first sampling phase.

At this time it appears the TA-21 Work Plan will cost more than originally projected, due to the magnitude and complexity of the document being generated. The budget for this Work Plan may not be adequate for this fiscal year. This is impacting internal TA-21 milestones, and will impact FY 91 TA-21 Work Plan costs, but at this time LANL will still be able to meet the HSWA Module conditions of the Laboratory's RCRA Operating Permit.

Material Disposal Area B Pilot Study - Data analysis of the Area B pilot study data is on-going. The pilot scale Work Plan is anticipated to be complete September 1, 1990 for incorporation into the TA-21 Work Plan.

This task is on schedule, and a cost underrun is not anticipated this fiscal year.

AL-LA-9 (TA-21 Subsurface Structures) (Project Leader - Micheline Devaurs)

Work Plan - The internal milestone for completion of Section 3 of the TA-21 Work Plan (SWMU description and identification of data needs) for all 68 TA-21 SWMUs was May 28, 1990. This deliverable is still incomplete for all TA-21 SWMUs.

Work Plan activities this month focused on: (1) developing exposure scenarios for TA-21 and (2) initiating a contract for input and review of the Work Plan to make sure the sampling plan is proposing to collect appropriate data for the unsaturated zone. A TA-21 site tour for EPA personnel was also conducted.

A contractor is continuing work on Work Plan sections for seepage pits and dry wells. All Section 3 writeups for this task are projected to be complete by August 1,1990.

At this time it appears the TA-21 Work Plan will cost more than originally projected, due to the magnitude and complexity of the document being generated. The budget for this Work Plan may not be adequate for this fiscal year. This is impacting internal TA-21 milestones, and will impact FY 91 TA-21 Work Plan costs, but at this time LANL will still be able to meet the HSWA Module conditions of the Laboratory's RCRA Operating Permit.

AL-LA-10 (TA-21 Surface Contamination) (Project Leader- Micheline Devaurs)

Work Plan - The internal milestone for completion of Section 3 of the TA-21 Work Plan (SWMU description and identification of data needs) for all 68 TA-21 SWMUs was May 28, 1990. This deliverable is still incomplete for all TA-21 SWMUs.

Work Plan activities this month focused on: (1) developing exposure scenarios for TA-21 and (2) initiating a contract for input and review of the Work Plan to make sure the sampling plan is proposing to collect appropriate data for the unsaturated zone. A TA-21 site tour for EPA personnel was also conducted.

Personnel were assigned for completion of Section 3 for TA-21 surface SWMUs. A contractor began working on Section 3 for all TA-21 outfalls.

At this time it appears the TA-21 Work Plan will cost more than originally projected, due to the magnitude and complexity of the document being generated. The budget for this Work Plan may not be adequate for this fiscal year. This is impacting internal TA-21 milestones, and will impact FY91 TA-21 Work Plan costs, but at this time LANL will still be able to meet the HSWA Module conditions of the Laboratory's RCRA Operating Permit.

AL-LA-11 (TA-1, Townsite) (Project Leader - Sandy Wagner)

Work Plan - The task was rebaselined in May, but work is already behind the new schedule and budget. Contractor assistance is being sought in an attempt to complete the work scheduled for the rest of this fiscal year. It is expected that the FY90 effort for this task will be completed within the rebaselined budget.

AL-LA-15, (TA-10, Bayo Canyon) (Project Leader - Sandy Wagner)

Work Plan - The draft of Section 3 of the RFI Work Plan for the TA-10 firing Sites is nearing completion. The rest of the SWMUs are being integrated into a section that addresses the site as a whole. It is expected that the overall effort will be within budget. Work to date is ahead of schedule.

AL-LA-46 (TA-54, MDA L, G, H, & J) (Project Leader - John Krueger)

Quarterly sampling of the pore gas monitoring wells occurred in June. Preparations continued for the last round of well installations intended to bound the plume. Actual installation will not oecur until September due to limited drill rig availability. Also in June, weekly sampling of the monitoring well adjacent to Area G was conducted to confirm or deny the presence of a possible carbon tetrachloride plume.

In response to a request from HSE-7, data generated in the pore gas study will be used by EES-5 to model the feasibility of an expedited cleanup of the plume. This activity will be funded and reported under interim actions (assessment). A scoping meeting with HSE-8 and EES-5 will be held in July for this activity.

Spending on this task is slightly behind schedule. The Current Year Work Plan includes the purchase of an instrument capable of automated analyses of the pore gas samples, and the instrument has not yet come in. Actual spending will catch up with planned spending once the invoice for this instrument is paid.

AL-LA-51 (TA-49, Subsurface Contamination AL-1144) (Project Leader - Sandy Wagner)

Activity on this task will start in July.

AL-LA-52 (TA-49, Surface Structures AL-1145) (Project Leader - Sandy Wagner)

Activity on this task will start in July.

AL-LA-57 (Interim Remedial Measures) (Project Leader - John Krueger)

For two reasons, very little actual work was accomplished this month on interim actions. First of all, most projects require guidance from EPA on the interpretation of Land Disposal Restrictions and their application to RCRA corrective actions and interim actions. Potentially, any excavation could be generating hazardous waste subject to LDR treatment standards before it could be "placed" back in the land. Based on discussions with EPA, resolution of this issue is expected next month.

Secondly, a new interim Action Project Leader (John Krueger) has been appointed, so most of this month was spent getting the Project Leader up to speed on the numerous projects. By the end of next month, a new Interim Action Management System will be defined in cooperation with the Engineering Division. It will include a decision flowchart, an electronic tracking system, and implementation procedures. Implementation of this new system will greatly facilitate construction starts, provided EPA guidance is received next month as expected and does not contain any surprises.

The activities are undertaken as needed. When appropriate, task element milestones are assigned based on scope and importance of the activity. The demand for construction project reviews to assure that ER issues would be identified as early as possible has picked up significantly as ER requirements/constraints have become more visible. Warm weather has greatly accelerated outdoor work and much of it includes excavations for underground conduits, foundations, roadways, etc. Those on or near SWMUs must be reviewed for compliance. Guidance from DOE is that construction projects must pay for such survey work when ER Interim Action funds are depleted. At several thousand dollars per sample, even a small reconnaissance survey can effectively kill a small budget project. There is increasing consternation and frustration being expressed as a result of this policy.

Below are listed some of the active Interim Actions that are being assessed or otherwise addressed.

<u>Material Disposal Area C</u> - No activity occurred during June.

<u>Sanitary Wastewater Systems Consolidation</u> - Scoping of interim actions occurred during June.

<u>TA-36 - Bunker and Fuel Storage-Tank Construction at Live Firing Site</u> - Scoping of interim actions occurred during June.

Sigma Building Cyanide Tanks - No activity occurred during June.

TA-2 - Omega West Drainline Consolidation - Scoping of interim actions occurred during June.

Sigma Mesa Evaporation Pond - Scoping of interim actions occurred during June.

Active Firing Range Expansion - Scoping of interim actions occurred during June.

Old Bandelier Landfill - No activity during June.

Upper Mortandad Canyon - Upper Mortandad Canyon was resampled. Sampling results will be available in July.

Target Fabrication Facility - Construction in proximity to a SWMU is scheduled for FY91. No action to date.

World Services Salvage Yard - No activity during June.

AL-LA-59 (NEPA)

NEPA-related activities were initiated in June. Preliminary activities include initial scoping of NEPA requirements for the mixed waste disposal facility.

AL-LA-60 (Installation Work Plan)

Preparation of the Installation Work Plan (IWP) is still running behind schedule. However, it is anticipated that the IWP will be back on schedule by September 1, 1990. The following discussion presents the status of the IWP by section heading.

A cost underrun is not anticipated for this project this fiscal year.

Executive Summary

This section will not be completed until the rest of the document is prepared.

Introduction

No activity to date.

ER Program Description

Activities associated with this section include the SWMU data base and the WIN information system. This SWMU database should be completed as rough drafts by mid-July, and the data input to the WIN system should be completed by the end of August.

LANL ER Program Management

The Laboratory needs additional DOE guidance on several elements of the AL ER Program Management Plan before completing its plan.

Installation Description

Some portions of this section will be in outline form for the July 27 internal review deadline. This section will be completed as scheduled for delivery to EPA.

Pilot Studies Work Plan

This plan, involving proposed activities at the Environmental Engineering Testing Facility, EETF, (integrated test plot cover demonstrations and long-term woodland pilot study) and at material disposal areas F and G, was submitted May 18, 1990. This document is undergoing internal review.

Stabilization Strategy and Conceptual Model Description

This work plan section, involving development of a conceptual model of a capped generic waste site with long-term monitoring was submitted May 11, 1990. It has undergone internal review and is currently being revised.

Decision Analysis Methodology and Benefit-Cost Analysis

A scope of work was approved for this work plan section which will address using decision analysis methodology and benefit cost analysis as tools for determining the best allocation of resources, for organizing the multidisciplinary efforts necessary to investigate and remediate waste sites, and for evaluating remediation alternatives. This document will be submitted by July 27, 1990.

Survey of TA-21 Material Disposal Area A using U.S. Army's MIRADOR System

The U.S. Army's MIRADOR (Mine Field Reconnaissance and Detector System) was tested on Material Disposal Area A at TA-21 on June 27, 1990. The ground penetrating radar and metal detectors on the MIRADOR vehicle were used to search for filled trenches, buried drums, and other buried

objects. MDA A was chosen as a study site because conventional geophysics investigations had been previously conducted at this site. Preliminary results indicate radar could see objects to a depth of 15 inches; metallic objects could be seen to a depth of six feet.

Quality Assurance Program Plan Annex

A rough draft of the ER QAPP was received from ICF Kaiser Engineers and reviewed. Kaiser will send a revised QAPP to Los Alamos by mid July. Kaiser has produced drafts of procedures that provide guidance for writing SOPs and QA implementing procedures. Kaiser also began writing a Los Alamos installation generic QA Project Plan.

Health & Safety Program Plan Annex

The Health and Safety Annex of the Installation Work Plan is being written. One part of the work is that of obtaining the documents regulating health and safety for this environmental restoration work. The HSWA permit specifies that EPA order 1440.1 **Respiratory Protection** and EPA order 1440.2 **Health and Safety Requirements for Employees Engaged in Field Activities** must be followed. Copies of orders with these titles were obtained from the EPA Region VI Field Office. However, the numbers differed from those in the permit. **Respiratory Protection** is EPA order 1440.3, and the **Field Activities** order is 1440.2. Telephone discussions with Steve Slaten and Jim Ratterree in the EPA Region VI office confirmed that these orders are the ones to be followed, rather than the order numbers specified in the permit.

Technical Data Management Program Plan Annex

Comments by Project Leaders on the initial draft of the Technical Data Management Plan were received. Revisions will be reflected in the July 27 internal working draft.

Community Relations Program Plan Annex

Completed community interviews with key community members in Los Alamos, Santa Fe, Espanola, Jemez Springs, Taos to develop a list of community concerns which can be incorporated into the Community Relations Plan. Writing of the Draft Community Relations Plan has begun.

AL-LA-61 (Assessment Management)

General activities conducted under this task during June are discussed in the following sections.

Program Management

Activities during June focused on modifying the FYP CYWP and managing the ER Program as it is expanding. Activities included expending significant effort to ensure that new Laboratory projects are not impacted by SWMUs that must be addressed under the ER Program.

DOE conducted a validation review of the Laboratory's FYP resource planning process. The Laboratory has modified aspects of its planning process based on the reviews. The Laboratory's initial analysis of the revised approach is that a less than 5% reduction in number of samples will be realized. The number of potential sites has increased dramatically, therefore, there will be a corresponding increase in the FY93 FYP. The revised draft FY93 FYP should be available in September.

A cost underrun is not expected during FY90 as the ER Program Office will be acquiring more space.

Quality Assurance /Quality Control Program - (Project Leader - Larry Maassen)

A four-day QA training for environmental programs was presented by Ebasco. The training incorporated the requirements of both NQA-1 and the EPA's guidance documents, and was attended by about 35 persons.

Health and Safety Program - (Project Leader - Edward Norris)

Interim Health and Safety Requirements for ER work at Los Alamos National Laboratory were issued this month. These requirements cover the need for a SWMU Site Safety Plan before any work is undertaken at a SWMU site, access control at sites while work is in progress, safety criteria for visitors, the need for a site safety officer while work is in progress, training requirements for workers, medical surveillance, respiratory protection, and documentation. These interim requirements will be superseded by the Health and Safety Annex of the Installation Work Plan, when that document is approved.

Technical Data Management Program (TDMP) - Project Leader - Robert Vocke)

Several Contacts were initiated with ADP and C divisions to identify the extent, locations of data links, and associated requirements for the ER information system. Our goal is to utilize existing lines and ports where possible and identify any Laboratory areas where coverage for ER work may be inadequate. This interface will be on-going in the immediate future.

Substantial progress was made toward coordinating activities related to the management of data and records. Space for an Interim Records Facility was obtained by the ER Program office at the Sunny Days Plaza, 2101

Trinity Drive in Los Alamos. Paperwork for moving certain offices, phones, and mail stop assignment was completed. Contact with C-Division to get INFORM access at the facility has been started.

Community Relations Program - (Project Leader - Martin Janowski)

A news article was prepared, which appeared in the Los Alamos News Bulletin and described potential impacts on current and future construction activities at the Laboratory as a result of the RCRA Operating Permit.

The Community Relations Office moved to Tri-Square Building in downtown Los Alamos in preparation for the setup of this facility as a Community Relations Reading Room. A plan for use of the lease space is currently being implemented.

The ER Program standard presentation for both internal and external audiences with an interest in the ER Program is being revised.

Project Schedule - (Project Leader - Jim Aldrich)

A base schedule for the Five-Year-Plan was developed using Primavera project management software. It is designed to allow activities, milestones, and costs to be sorted by Activity Data Sheet, SWMU, Project Leader, Group, Division, subcontractor and/or variable time intervals. Approximately 50% of the schedule has been completed. The current schedule indicates that the first Corrective Measures Studies will be completed in 1996.

RCRA/CERCLA REMEDIATION
(B&R CATEGORY - GF-72-91-02)

Task Element Status

AL-LA-57 (Interim Remedial Measures)

No activity during June. This task is not expected to underrun this year due to required UST removal.

AL-LA-61 (Remediation Management)

Activities during June focused on modifying the FYP CYWP and managing the EP Program as it is expanding. A cost underrun is not expected during FY90 as the ER Program Office will be acquiring more space.

RCRA REMEDIATION
(B&R CATEGORY - GF-72-89-02)

Task Element Status

AL-LA-RC-1 (TA-16, Burning Ground Surface Impoundment) (Project Leader - John Krueger)

Closure - In June, all remaining field activities were completed. Santa Fe Engineering will certify the closure and HSE-8 will begin compiling the required closure report in July. The final closure report and certification are due September 20, 1990.

Costs to date for this task are below predictions because they don't yet reflect all of the analytical costs for the 12 samples. Organic analyses costs were accidently reported on the wrong program code. The situation will be corrected in next month's report.

AL-LA-RC-2 (TA-54, Area L Waste Oil Storage Tanks) (Project Leader - John Krueger)

Closure - In June, the tank decontamination effort was temporarily shut down when it was discovered that the crew had not received hazardous waste training pursuant to 29 CFR 1910.120. Two tanks that had already been decontaminated were disposed at the county landfill. The remaining four tanks are currently being steam cleaned a second time, using a trained crew. Analysis of the rinseate for these tanks should be available late next month.

AL-LA-RC-3 (TA-35, Waste Oil Storage Pits) (Project Leader - John Krueger)

Closure - A review of the data package and summary submitted by HSE-8 for the TA-35 surface impoundments closure has revealed some weaknesses. In the final verification sample batches for both impoundments, holding times for semi-volatile organic compounds were exceeded, invalidating the results. Those samples where holding times were adhered to often had excessively high detection limits for semi-volatiles, due to the masking effect of the aliphatic hydrocarbons present in the samples.

Therefore, a decision was made this month (jointly with HSE-8) that additional verification sampling is required to complete the closure. A sampling plan was requested from HSE-8, and drilling will probably occur in September. Meanwhile, IT Corporation will be tasked to augment their risk assessment (to the extent possible) and Benchmark Corporation will be tasked (through HSE-7) to finalize the closure plan (to the extent possible) and certify the closure.

It will now be impossible to complete the closure this fiscal year since analytical results will not be available to integrate into the risk assessment until October at the earliest. However, this year's budget for this task is not expected to underrun.

AL-LA-RC-4 (TA-16 Area P Landfill Closure) (Project Leader - John Krueger)

Closure - The revision of this closure plan, if deemed necessary, has not been scoped yet. Scoping meetings will be held in July with HSE-8, resources permitting.

AL-LA-RC-5 (TA-40, Scrap Detonation Site) (Project Leader - John Krueger)

Closure - Spending on this task is behind because the subcontractor has been waiting for word from M Division on the nature of the material unexpectedly disposed of at the site (see last month's report). To get the closure plan going again, we have directed the subcontractor to write the plan assuming that the material is merely solid waste and can be spread apart to make way for the necessary sampling of the original firing site. A first draft of the revised plan is expected next month.

AL-LA-RC-6 (TA-54, Areas L & H) (Project Leader - John Krueger)

Closure - The revision of this closure plan, to be conducted by Roy F. Weston, Inc., has not been scoped yet. Scoping meetings will be held in July if a meeting with the State can be held and guidance obtained. The expenditures reported in June reflect work completed toward the development of the mobile GC/MS.

AL-LA-RC-7 (TA-54, Area G) (Project Leader - John Krueger)

Closure - Rebaselined in November. No activity planned during FY90.

AL-LA-RC-9 (RCRA Mixed Waste Disposal Facility) (Project Leader - Paul Aamodt)

The "Preliminary Site Selection Study" review comments were evaluated and a number of important issues have been identified regarding the TA-49 recommended locations. First, there is a conflict with ongoing and planned work at the technical area by AT-9. A more strenuous evaluation of compatibility (or incompatibility) of the projects will need to be made. This is also true for some high explosive experimental sites to the north of TA-49. Second, the closeness of Bandelier National Monument may result in problems with public acceptance of the site for disposal of mixed waste. And third, the only available access to the site is via public highway (State Road 4), again a potential problem from the viewpoint of public acceptance. TA-49 is also far removed from most of the main technical areas and the present waste handling and treatment facilities, thus there could be some important economic and logistical advantages to a more

centrally located site. Given these issues, the Merrick/Dames and Moore team was asked to reopen the site selection process to the extent that the original candidate sites, with at least 20 acres and more central locations, be added to the list of potential sites. This will help assure that all prospective sites are available for consideration (only the top three candidates are described in the current report) should the TA-49 sites be found incompatible for the MWDF.

The Merrick/Dames and Moore team is continuing work on the Scopes of Work for a MWDF Project QA Plan, the inventory of LDR wastes, and a strategy plan for Performance Assessment. These new initiatives are running somewhat behind schedule at this time, and therefore, it now appears that a slight cost underrun may exist at the end of FY90.

Work on the MWDF Project Management Plan by Group MEE-4 is underway and is expected to be completed by September as planned.

The MWDF Project, though slightly behind schedule at this time, is still expected to be very close to both the schedule and budget projections by the end of FY90.

PROBLEMS/ISSUES

The Laboratory is developing strategies for managing the significant problem/issue identified in the May report (i.e., SWMU impacts on construction projects).

The Laboratory will modify the FY90 CYWP to reflect the July $1.551-million increase. However, due to late FY90 notification of this supplemental funding increase actual costing of all funds may not be possible during FY90.

MANAGER'S ASSESSMENT OF % COMPLETE:

It appears that the Laboratory is approximately 45% complete with FY90 activities based on the revised proposed CYWP and NMEID approval of the revised approach to closure activities. The Task-by-Task estimates are made without approval of the proposed CYWP. The ER Program Office is making adjustments to ensure cost effective implementation of the ER Program under the proposed CYWP.

ALBUQUERQUE OPERATIONS OFFICE
ENVIRONMENTAL RESTORATION PROGRAM
FY90 CURRENT-YEAR WORK PLAN
INSTALLATION: LOS ALAMOS NATIONAL LABORATORY

RESPONSIBLE PARTY: ER-TSO____ M&O CONTRACTOR_X_ PROGRAM PHASE: RI/FS[CERCLA/SARA/RCRA 3004(U)]_X_ RD/RA[CERCLA/SARA/RCRA 3004(U)]____ RCRA CLOSURE____ REPORT PERIOD: JUNE

PLANNED CURRENT FISCAL YEAR COSTS ($K)

TASK ID NO		OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	BL / EST /	CV
		FY90												FY TOTAL	
AL-LA-1	CANYONS ASSESSMENT AL-1049														
	PLAN	30	30	30	15	15	15	100	100	100	100	100	119	670 / 670 /	0
	ACT	6	20	3	0	7	0	4	2	6					
AL-LA-2	TA-33, MATERIAL DISPOSAL AREAS ASSESSMENT AL-1126														
	PLAN						0	5	25	30	30	30	30	150 / 150 /	0
	ACT						0	9	18	16					
AL-LA-3	TA-33 BLDGS AND OUTFALLS ASSESSMENT AL-1122														
	PLAN						0	5	25	30	30	30	30	150 / 150 /	0
	ACT						0	6	14	12					
AL-LA-4	TA-33 SUBSURFACE STRUCTURES ASSESSMENT AL-1125														
	PLAN						0	5	25	30	30	30	30	150 / 150 /	0
	ACT						0	6	14	12					
AL-LA-5	TA-50, MATERIAL DISPOSAL AREA C ASSESSMENT AL-1147														
	PLAN						0	0	20	20	20	20	20	100 / 100 /	0
	ACT						0	15	18	10					
AL-LA-8	TA-21, MATERIAL DISPOSAL AREAS A, B, T, U, & V ASSESSMENT AL-1107														
	PLAN	35	35	35	35	35	33	50	55	55	66	60	65	656 / 656 /	0
	ACT	16	71	76	92	17	39	39	70	77					
AL-LA-9	TA-21, SUBSURFACE STRUCTURES ASSESSMENT AL-1106														
	PLAN	30	30	30	30	30	50	60	61	40	25	30	30	385 / 385 /	0
	ACT	16	12	13	34	14	29	28	39	40					

ALBUQUERQUE OPERATIONS OFFICE
ENVIRONMENTAL RESTORATION PROGRAM
FY90 CURRENT-YEAR WORK PLAN
INSTALLATION: LOS ALAMOS NATIONAL LABORATORY

RESPONSIBLE PARTY: ER-TSO____ M&O CONTRACTOR_X_ PROGRAM PHASE: RI/FS[CERCLA/SARA/RCRA 3004(U)]_X_ RD/RA[CERCLA/SARA/RCRA 3004(U)]____ RCRA CLOSURE____ REPORT PERIOD: JUNE

TASK ID NO	PLANNED CURRENT FISCAL YEAR COSTS ($K)	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	FY90 BL / EST	FY TOTAL / CV
AL-LA-10	TA-21, SURFACE CONTAMINATION ASSESSMENT AL-1109														
	PLAN	30	30	30	30	30	50	60	61	40	30	30	40	400 /	400 / 0
	ACT	16	12	13	34	14	29	27	38	40					
*AL-LA-11	TA-1, CONTAMINATED AREAS, STRUCTURES - TOWNSITE ASSESSMENT AL-1078														
	PLAN	5	10	10	15	15	15	20	20	11	11	11	11	50 /	50 / 0
	ACT	0	0	0	2	3	1	0	0	3					
AL-LA-15	TA-10 FIRING SITES, STR - TOWNSITE AL-1079														
	PLAN						0	0	20	20	20	20	20	100 /	100 / 0
	ACT						0	15	18	10					
AL-LA-46	TA-54, MATERIALS DISPOSAL AREAS L, G, H, & J ASSESSMENT AL-1153														
	PLAN	5	5	5	0	0	25	20	10	25	20	10	29	150 /	150 / 0
	ACT	0	1	1	3	6	4	16	15	10					
AL-LA-51	TA-49 SUB-SURFACE CONTAMINATION AL-1144														
	PLAN								0	0	13	13	14	40 /	40 / 0
	ACT								0	0					
AL-LA-52	TA-49 SURFACE STRUCTURES AL 1145														
	PLAN								0	0	20	20	20	60 /	60 / 0
	ACT								0	0					
AL-LA-57	INTERIM REMEDIAL MEASURES AT CONTAMINATED SITES AND UNDERGROUND TANKS ASSESSMENT AL-1062														
	PLAN	0	25	25	25	25	25	100	100	100	100	100	89	639 /	639 / 0
	ACT	0	0	4	15	6	8	49	48	50					

*BL = ACTUALS (OCT-MAY) $6K; PLUS PLANNED (JUN-SEP) $44K

ALBUQUERQUE OPERATIONS OFFICE
ENVIRONMENTAL RESTORATION PROGRAM
FY90 CURRENT-YEAR WORK PLAN
INSTALLATION: LOS ALAMOS NATIONAL LABORATORY

RESPONSIBLE PARTY: ER-TSO____ M&O CONTRACTOR_X_ PROGRAM PHASE: RI/FS[CERCLA/SARA/RCRA 3004(U)]_X_ RD/RA[CERCLA/SARA/RCRA 3004(U)]____ RCRA CLOSURE____ REPORT PERIOD: JUNE

PLANNED CURRENT FISCAL YEAR COSTS ($K)

TASK ID NO		FY90 OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	FY TOTAL BL / EST	/ CV
AL-LA-59	NEPA ASSESSMENT AL-1066														
	PLAN	0	0	10	10	10	0	0	10	10	10	10	10	50 / 50 /	0
	ACT	0	0	0	0	0	0	0	0	0					
AL-LA-60	INSTALLATION WORK PLAN ASSESSMENT AL-2105														
	PLAN	100	100	100	75	75	198	248	366	324	269	252	250	2100 / 2100 /	0
	ACT	0	6	17	95	75	55	94	225	121					
AL-LA-61	MANAGEMENT/REVIEW/REPORTING ASSESSMENT AL-2107														
	PLAN	100	100	100	120	120	120	240	240	240	210	210	221	2004 / 2004 /	0
	ACT	59	86	56	269	53	71	232	127	99					
TOTALS															
	PLAN	335	365	375	355	355	531	913	1138	1075	1004	976	1028	7854 / 7854 /	0
	ACT	113	208	183	544	195	236	540	646	506					

SIGNATURE OF PREPARER AND DATE SIGNATURE OF DOE AREA OFFICE ER PROGRAM MANAGER AND DATE SIGNATURE OF AL ER PROGRAM PROJECT ENGINEER AND DATE

FOOTNOTE: BL = ACTUALS (OCT-FEB) PLUS PLANNED (MAR - SEP)
FILE NAME: (ERP4-1)

ALBUQUERQUE OPERATIONS OFFICE

ENVIRONMENTAL RESTORATION PROGRAM

FY90 CURRENT-YEAR WORK PLAN

INSTALLATION: LOS ALAMOS NATIONAL LABORATORY

RESPONSIBLE PARTY: ER-TSO___ M&O CONTRACTOR_X_ PROGRAM PHASE: RI/FS[CERCLA/SARA/RCRA 3004(U)]___ RD/RA[CERCLA/SARA/RCRA 3004(U)]_X___ RCRA CLOSURE_X___ REPORT PERIOD: JUNE

PLANNED CURRENT FISCAL YEAR COSTS ($K)

TASK ID NO		FY90 OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	FY TOTAL BL / EST / CV
AL-LA-RC-1	TA-16, BURNING GROUND SURFACE IMPOUNDMENT CLOSURE REMEDIATION AL-1091													
	PLAN	0	0	0	20	43	25	25	25	10	10	6	3	107 / 107 / 0
	ACT	0	0	0	0	3	10	2	2	10				
AL-LA-RC-2	TA-54, AREA L WASTE OIL STORAGE TANKS REMEDIATION AL-1150													
	PLAN	0	0	0	5	20	10	35	20	5	2	1	0	75 / 75 / 0
	ACT	0	0	0	1	1	5	30	21	1				
AL-LA-RC-3	TA-35, WASTE OIL STORAGE PIT CLOSURE REMEDIATION AL-1127													
	PLAN	620	50	20	50	15	20	15	20	35	25	2	3	1100 / 1100 / 0
	ACT	620	32	30	296	2	21	1	0	-19				
AL-LA-RC-4	TA-16, AREA P LANDFILL CLOSURE REMEDIATION AL-1090													
	PLAN	0	0	0	0	0	0	0	0	0	17	17	16	50 / 50 / 0
	ACT	0	0	0	0	0	0	0	0	0				
AL-LA-RC-5	TA-40, SCRAP DETONATION SITE CLOSURE REMEDIATION AL-1135													
	PLAN	0	0	0	5	20	0	5	20	15	5	0	5	50 / 50 / 0
	ACT	0	0	0	0	0	0	0	1	0				
AL-LA-RC-6	TA-54, AREA L AND H CLOSURE REMEDIATION AL-1152													
	PLAN	0	0	10	45	55	50	50	50	75	75	75	94	553 / 553 / 0
	ACT	0	0	0	49	35	30	37	31	13				
AL-LA-RC-7	TA-54, AREA G CLOSURE REMEDIATION AL-1151													
	PLAN	0	0	0	0	0	0	0	0	0	0	0	0	0 / 0 / 0
								REBASELINED DURING NOVEMBER, NO ACTIVITY PLANNED DURING FY 90						
	ACT	0	0											
AL-LA-RC-9	RCRA MIXED WASTE DISPOSAL FACILITY REMEDIATION AL-1067													
	PLAN	10	20	20	20	20	0	21	52	52	68	68	48	315 / 315 / 0
	ACT	25	-25	6	0	0	0	0	30	12				

ALBUQUERQUE OPERATIONS OFFICE

ENVIRONMENTAL RESTORATION PROGRAM

FY90 CURRENT-YEAR WORK PLAN

INSTALLATION: LOS ALAMOS NATIONAL LABORATORY

RESPONSIBLE PARTY: ER-TSO____ M&O CONTRACTOR_X_ PROGRAM PHASE: RI/FS[CERCLA/SARA/RCRA 3004(U)]___ RD/RA[CERCLA/SARA/RCRA 3004(U)]_X___ RCRA CLOSURE_X___ REPORT PERIOD: JUNE

PLANNED CURRENT FISCAL YEAR COSTS ($K)

TASK ID NO		FY90 OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	FY TOTAL BL	/ EST	/ CV
AL-LA-57	INTERIM REMEDIAL MEASURES AT CONTAMINATED SITES AND UNDERGROUND TANKS REMEDIATION AL-1063															
	PLAN	0	10	10	0	0	0	0	0	25	25	25	25	195 /	195 /	0
	ACT	6	88	1	0	0	3	0	0	-1						
AL-LA-61	MANAGEMENT/REVIEW/REPORTING REMEDIATION AL-2106															
	PLAN	20	25	25	25	25	35	25	35	35	25	25	50	310 /	310 /	0
	ACT	0	0	9	52	19	20	42	36	55						
TOTALS																
	PLAN	650	105	85	170	198	140	176	222	252	252	219	244	2755 /	2755 /	0
	ACT	651	95	46	398	60	89	112	121	71						

SIGNATURE OF PREPARER AND DATE

SIGNATURE OF DOE AREA OFFICE ER PROGRAM MANAGER AND DATE

SIGNATURE OF AL ER PROGRAM PROJECT ENGINEER AND DATE

FOOTNOTE: BL = ACTUALS (OCT-FEB) PLUS PLANNED (MAR-SEP)

FILE NAME: (ERP5-1)

ENVIRONMENTAL RESTORATION PROGRAM
FY90 CURRENT YEAR WORK PLAN - TASK ACTIVITY REPORT SHEET
REPORT PERIOD: JUNE
LOS ALAMOS NATIONAL LABORATORY

TASK ID NO	TASK TITLE	ELEMENTS	NO OF POTENTIAL RELEASE SITES	PRINCIPAL POTENTIAL CONTAMINANTS	% OF FY90* ELEMENTS SCHEDULED	% OF FY90* ELEMENTS COMPLETED	FY90 BUDGET ($K)	FY90 COSTS ($K)
AL-LA-1	CANYONS	SPECIAL CONDITIONS	TBD	TBD	65	7	670	48
AL-LA-2	TA-33, MATERIAL DISPOSAL AREAS	WORK PLAN	TBD	TBD	40	28	150	43
AL-LA-3	TA-33, BLDGS AND OUTFALLS	WORK PLAN	TBD	TBD	40	21	150	32
AL-LA-4	TA-33, SUBSURFACE STRUCTURES	WORK PLAN	TBD	TBD	40	21	150	32
AL-LA-5	TA-50, MATERIAL DISP AREA C	WORK PLAN	TBD	TBD	40	43	100	43
AL-LA-8	TA-21, MDA A, B, T, U, & V	WORK PLAN	TBD	TBD	54	76	656	497
AL-LA-9	TA-21, SUBSURFACE STRUCTURES	WORK PLAN	TBD	TBD	85	58	385	225
AL-LA-10	TA-21, SURFACE CONTAMINATION	WORK PLAN	TBD	TBD	83	56	400	223
AL-LA-11	TA-1, CONTAMINATED AREAS, STRUCTURES - TOWNSITE	WORK PLAN	TBD	TBD	34	18	50	9
AL-LA-15	TA-10 FIRING SITES, STR - TOWNSITE	WORK PLAN	TBD	TBD	40	43	100	43
AL-LA-46	TA-54, MATERIALS DISPOSAL AREAS L, G, H, & J	RECON/RESEARCH	TBD	TBD	63	37	150	56
AL-LA-51	TA-49 SUB-SURFACE CONTAMINATION	WORK PLAN	TBD	TBD	0	0	40	0
AL-LA-52	TA-49 SURFACE STRUCTURES	WORK PLAN	TBD	TBD	0	0	60	0
AL-LA-57	INTERIM REMEDIAL MEASURES	WORK PLANS	TBD	TBD	NA	NA	639	180
AL-LA-59	NEPA	TBD	TBD	TBD	TBD	TBD	50	0

ENVIRONMENTAL RESTORATION PROGRAM
FY90 CURRENT YEAR WORK PLAN - TASK ACTIVITY REPORT SHEET
REPORT PERIOD: JUNE
LOS ALAMOS NATIONAL LABORATORY

TASK ID NO	TASK TITLE	ELEMENTS	NO OF POTENTIAL RELEASE SITES	PRINCIPAL POTENTIAL CONTAMINANTS	% OF FY90* ELEMENTS SCHEDULED	% OF FY90* ELEMENTS COMPLETED	FY90 BUDGET ($K)	FY90 COSTS ($K)
AL-LA-60	INSTALLATION WORK PLAN	WORK PLAN	TBD	TBD	75	33	2,100	688
AL-LA-61	ASSESSMENT MANAGEMENT	NA	NA	NA	NA	NA	2,004	1,052
SUBTOTAL - ASSESSMENT							7,854	3,171
REMEDIATION								
AL-LA-RC-1	TA-16, BURNING GROUND SURFACE IMPOUNDMENT	CLOSURE	TBD	TBD	82	25	107	27
AL-LA-RC-2	TA-54, AREA L WASTE OIL STORAGE TANKS	CLOSURE	TBD	TBD	96	78	75	59
AL-LA-RC-3	TA-35, WASTE OIL STORAGE PITS	CLOSURE	TBD	TBD	97	89	1,100	983
AL-LA-RC-4	TA-16 AREA P LANDFILL CLOSURE		TBD	TBD	0	0	50	0
AL-LA-RC-5	TA-40, SCRAP DETONATION SITE	CLOSURE	TBD	TBD	80	2	50	1
AL-LA-RC-6	TA-54, AREAS L AND H	CLOSURE	TBD	TBD	56	35	553	195
AL-LA-RC-9	RCRA MIXED WASTE DISPOSAL FACILITY	PERMITTING ACTIVITIES	TBD	TBD	42	15	315	48
AL-LA-57	INTERIM REMEDIAL MEASURES	REMEDIATION	TBD	TBD	NA	NA	195	97
AL-LA-61	REMEDIATION MANAGEMENT	NA	NA	NA	NA	NA	310	233
SUBTOTAL - REMEDIATION							2,755	1,643
TOTAL - ER PROGRAM							10,609	4,814

*PROPOSED CYWP % SCHEDULED AND COMPLETED WILL BE MODIFIED WHEN THE CYWP IS APPROVED.
FILE NAME: EPTS01-1

ALBUQUERQUE OPERATIONS OFFICE
ENVIRONMENTAL RESTORATION PROGRAM
FY90 CURRENT-YEAR WORK PLAN - FY90/FY91 MAJOR MILESTONE REPORT SHEET
INSTALLATION: LOS ALAMOS NATIONAL LABORATORY

REPORT PERIOD: JUNE

TASK ID NO	CONTROL MILESTONE DESCRIPTION	SCHEDULED START DATE (BASELINE)	PLANNED START DATE	SCHEDULED FINISH DATE (BASELINE)	PLANNED FINISH DATE	FY90 % SCHEDULED	FY90 % COMPLETED	VARIANCE
ASSESSMENT								
AL-LA-1	CANYONS							
	RFI/CMS	OCT 1988	OCT 1988A	TBD	TBD	65	7	-58
AL-LA-2	TA-33, MATERIAL DISPOSAL AREAS							
	RFI/CMS	OCT 1988	OCT 1988A	TBD	TBD	40	28	-12
AL-LA-3	TA-33 BLDGS AND OUTFALLS							
	RFI/CMS	OCT 1988	OCT 1988A	TBD	TBD	40	21	-19
AL-LA-4	TA-33 SUBSURFACE STRUCTURES							
	RFI/CMS	OCT 1988	OCT 1988A	TBD	TBD	40	21	-19
AL-LA-5	TA-50, MATERIAL DISPOSAL AREA C							
	RFI/CMS	OCT 1988	OCT 1988A	TBD	TBD	40	43	3
AL-LA-8	TA-21, MDA A, B, T, U, & V							
	RFI/CMS	OCT 1988	OCT 1988A	TBD	TBD	54	76	22
AL-LA-9	TA-21, SUBSURFACE STRUCTURES							
	RFI/CMS	OCT 1988	OCT 1988A	TBD	TBD	85	58	-27
AL-LA-10	TA-21, SURFACE CONTAMINATION							
	RFI/CMS	OCT 1988	OCT 1988A	TBD	TBD	83	56	-27
AL-LA-11	TA-1, CONTAMINATED AREAS, STRUCTURES-TOWNSITE							
	RFI/CMS	OCT 1988	OCT 1988A	TBD	TBD	34	18	-16
AL-LA-15	TA-10 FIRING SITES, STR							
	RFI/CMS	OCT 1988	OCT 1988A	TBD	TBD	40	43	3
AL-LA-46	TA-54, MDA L, G, H, & J							
	RFI/CMS	OCT 1988	OCT 1988A	TBD	TBD	63	37	-26
AL-LA-51	TA-49 SUB-SURFACE CONTAMINATION	JULY 1, 1990	JULY 1, 1990	TBD	TBD	0	0	0
AL-LA-52	TA-49 SURFACE STRUCTURES	JULY 1, 1990	JULY 1, 1990	TBD	TBD	0	0	0

ALBUQUERQUE OPERATIONS OFFICE
ENVIRONMENTAL RESTORATION PROGRAM
FY90 CURRENT-YEAR WORK PLAN - FY90/FY91 MAJOR MILESTONE REPORT SHEET
INSTALLATION: LOS ALAMOS NATIONAL LABORATORY

REPORT PERIOD: JUNE

TASK ID NO	CONTROL MILESTONE DESCRIPTION	SCHEDULED START DATE (BASELINE)	PLANNED START DATE	SCHEDULED FINISH DATE (BASELINE)	PLANNED FINISH DATE	FY90 % SCHEDULED	FY90 % COMPLETED	VARIANCE
AL-LA-57	INTERIM REMEDIAL MEASURES RFI/CMS	NA	NA	NA	NA	NA	NA	NA
AL-LA-59	NEPA TBD	OCT 1989	MAY 1990	TBD	TBD	TBD	TBD	NA
AL-LA-60	INSTALLATION WORK PLAN WORK PLAN	OCT 1989	OCT 1989A	MAY 1989	NOVEMBER 1990	75	33	-42
AL-LA-61	ASSESSMENT MANAGEMENT LEVEL OF EFFORT	NA	NA	NA	NA	NA	NA	NA
REMEDIATION								
AL-LA-RC-1	TA-16, BURNING GROUND SURFACE IMPOUNDMENT CLOSURE	OCT 1988	OCT 1988A	SEPT 1990	SEPT 1990	82	25	-57
AL-LA-RC-2	TA-54, AREA L WASTE OIL STORAGE TANKS CLOSURE	OCT 1988	JAN 1990A	SEPT 1990	SEPT 1990	96	78	-18
AL-LA-RC-3	TA-35, WASTE OIL STORAGE PITS CLOSURE	OCT 1988	OCT 1988A	SEPT 1990	SEPT 1990	97	89	-8
AL-LA-RC-4	TA-16, AREA P LANDFILL CLOSURE	JULY 1990	JULY 1990	SEPT 1990	SEPT 1990	0	0	0
AL-LA-RC-5	TA-40, SCRAP DETONATION SITE CLOSURE	OCT 1989	MAY 1990	SEPT 1990	SEPT 1990	80	2	-78
AL-LA-RC-6	TA-54, AREAS L AND H CLOSURE	OCT 1989	JAN 1990A	TBD	TBD	56	35	-21
AL-LA-RC-9	RCRA MIXED WASTE DISPOSAL FACILITY REMEDIATION	MAY 1989	MAY 1989	TBD	TBD	42	15	-27
AL-LA-57	INTERIM REMEDIAL MEASURES REMEDIATION	NA	NA	NA	NA	NA	NA	NA
AL-LA-61	REMEDIATION MANAGEMENT LEVEL OF EFFORT	NA	NA	NA	NA	NA	NA	NA

FILE NAME: EPTS02-2

ENVIRONMENTAL RESTORATION PROGRAM
FY90 CURRENT YEAR WORK PLAN - TASK ELEMENT MILESTONE REPORT SHEET
REPORT PERIOD: JUNE
LOS ALAMOS NATIONAL LABORATORY

TASK ID NO	TASK TITLE	ELEMENTS	SCHEDULED START DATE (BASELINE)	PLANNED START DATE	SCHEDULED FINISH DATE [1]	PLANNED FINISH DATE [1]
AL-LA-1	CANYONS	SPECIAL CONDITIONS	OCTOBER 1, 1989	OCTOBER 1, 1989A	TBD	TBD
AL-LA-2	TA-33, MATERIAL DISPOSAL AREAS	WORK PLAN	MAY 1, 1990	MAY 1, 1990A	TBD	TBD
AL-LA-3	TA-33 BLDGS AND OUTFALLS	WORK PLAN	MAY 1, 1990	MAY 1, 1990A	TBD	TBD
AL-LA-4	TA-33 SUBSURFACE STRUCTURES	WORK PLAN	MAY 1, 1990	MAY 1, 1990A	TBD	TBD
AL-LA-5	TA-50, MATERIAL DISPOSAL AREA C	WORK PLAN	MAY 1, 1990	APRIL 1, 1990A	TBD	TBD
AL-LA-8	TA-21, MDA A, B, T, U, & V	WORK PLAN	OCTOBER 1, 1989	OCTOBER 1, 1989A	OCTOBER 26, 1990	TBD
AL-LA-9	TA-21, SUBSURFACE STRUCTURES	WORK PLAN	OCTOBER 1, 1989	OCTOBER 1, 1989A	OCTOBER 26, 1990	TBD
AL-LA-10	TA-21, SURFACE CONTAMINATION	WORK PLAN	OCTOBER 1, 1989	OCTOBER 1, 1989A	OCTOBER 26, 1990	TBD
AL-LA-11	TA-1, CONTAMINATED AREAS, STRUCTURES - TOWNSITE	WORK PLAN	OCTOBER 1, 1989	JANUARY 1, 1990A	TBD	TBD
AL-LA-15	TA-10 FIRING SITES STRUCTURES	WORK PLAN	MAY 1, 1990	APRIL 1, 1990A	TBD	TBD
AL-LA-46	TA-54, MATERIALS DISPOSAL AREAS L, G, H, & J	RECON/RESEARCH	OCTOBER 1, 1989	OCTOBER 1, 1989A	SEPTEMBER 28, 1990	SEPTEMBER 28, 1990
AL-LA-51	TA-49 SUB-SURFACE CONTAMINATION	WORK PLAN	JULY 1, 1990	JULY 1, 1990	TBD	TBD
AL-LA-52	TA-49 SURFACE STRUCTURES	WORK PLAN	JULY 1, 1990	JULY 1, 1990	TBD	TBD
AL-LA-57	INTERIM REMEDIAL MEASURES	WORK PLANS	NA	NA	NA	NA

ENVIRONMENTAL RESTORATION PROGRAM
FY90 CURRENT YEAR WORK PLAN - TASK ELEMENT MILESTONE REPORT SHEET
REPORT PERIOD: JUNE
LOS ALAMOS NATIONAL LABORATORY

TASK ID NO	TASK TITLE	ELEMENTS	SCHEDULED START DATE (BASELINE)	PLANNED START DATE	SCHEDULED FINISH DATE [1]	PLANNED FINISH DATE [1]
AL-LA-59	NEPA	TBD	TBD	TBD	TBD	TBD
AL-LA-60	INSTALLATION WORK PLAN	WORK PLAN	OCTOBER 1, 1989	OCTOBER 1, 1989A	TBD	TBD
AL-LA-61	ASSESSMENT MANAGEMENT	NA	NA	NA	NA	NA
REMEDIATION						
AL-LA-RC-1	TA-16, BURNING GROUND SURFACE IMPOUNDMENT	CLOSURE	DECEMBER 11, 1989	DECEMBER 11, 1989A	SEPTEMBER 14, 1990	SEPTEMBER 14, 1990
AL-LA-RC-2	TA-54, AREA L WASTE OIL STORAGE TANKS	CLOSURE	JANUARY 6, 1990	MARCH 5, 1990A	SEPTEMBER 28, 1990	SEPTEMBER 28, 1990
AL-LA-RC-3	TA-35, WASTE OIL STORAGE PITS	CLOSURE	OCTOBER 1, 1989	OCTOBER 1, 1989A	AUGUST 17, 1990	AUGUST 17, 1990
AL-LA-RC-4	TA-16, AREA P LANDFILL	CLOSURE	JULY 2, 1990	JULY 2, 1990	TBD	TBD
AL-LA-RC-5	TA-40, SCRAP DETONATION SITE	CLOSURE	JANUARY 22, 1990	MARCH 12, 1990A	SEPTEMBER 28, 1990	SEPTEMBER 28, 1990
AL-LA-RC-6	TA-54, AREAS L AND H	CLOSURE (H)	DECEMBER 18, 1989	JULY 2, 1990	SEPTEMBER 28, 1990	SEPTEMBER 28, 1990
AL-LA-RC-9	RCRA MIXED WASTE DISPOSAL FACILITY	PERMITTING ACTIVITIES	TBD	TBD	TBD	TBD
AL-LA-57	INTERIM REMEDIAL MEASURES	REMEDIATION	NA	NA	NA	NA
AL-LA-61	REMEDIATION MANAGEMENT	NA	NA	NA	NA	NA

FILE NAME: EPTS03-3

1 "FINISH DATES" REFER TO THE DATES WHEN WORKING DRAFT DELIVERABLES ARE PROVIDED TO DOE FOR REVIEW.