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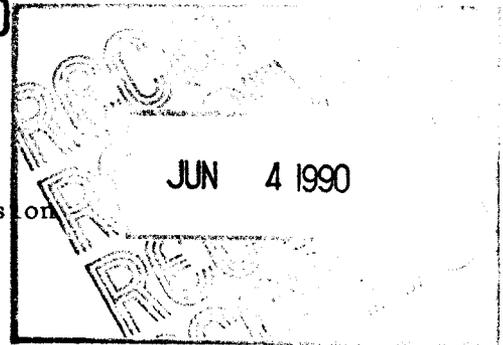
*LANL recd 1990
ASA 6/11/90*

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

MAY 29 1990

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

Mr. Jack Ellvinger
New Mexico Environmental Improvement Division
Hazardous Waste Bureau
Harold Runnels Bldg.
1190 St. Francis Drive
Santa Fe, NM 87503



Dear Mr. Ellvinger:

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 667-5288.

Sincerely,

for Jack B. Tillman
for *Jack B. Tillman*
Area Manager

LESH:2DG-289-5

Enclosures:

(2) Environmental Restoration Program Monthly Report - March 1990

cc w/o encls:

J. Puckett, HSE-DO, LANL, MS-K491

monthly report in magazine file



8024

72

LA-UR-90-1519

cover letter in file
4/11/90 HGS

Los Alamos National Laboratory
Environmental Restoration
A Department of Energy environmental clean-up program

MONTHLY REPORT
MARCH 1990

[Redacted]

3/1/90

REPORT PERIOD - MARCH
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: \$1479K
GF-72-91-02: \$ 198K
GF-72-89-02: \$1141K
TOTAL: \$2818K

FY90 BUDGET:

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

INTRODUCTION

The Laboratory has modified the draft current-year work plan (CYWP) to reflect the current budget of \$10609K. If the supplemental funding request of \$4550K is not provided the unfunded request will be carried into FY91 requiring additional supplemental funding to meet permit requirements. In some cases, tasks are active when no funding is indicated in the CYWP. This is because of ER Program Office activity associated with the task. It is currently not possible to develop element milestones for all tasks (see task discussions for details), since some of these depend on interaction with regulatory authorities. Some existing element milestones may change due to regulatory negotiations, and some element milestones are dependent on receipt of requested LANL ER Program supplemental funding.

The March 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 - Roger Ferenbaugh)

No activity during March. Field work will begin soon now that the weather is becoming nicer, so that cost underrun still is not anticipated for FY90 even though cost underrun is presently occurring.

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

Activity this month was limited to discussions with prospective technical team leaders about the scope of work and the role/responsibilities of the lead organization. We expect to make a selection of lead technical organization soon, and to begin initial work in late April or early May. A cost underrun is not anticipated this fiscal year. However, if sufficient FY90 supplemental funding is not provided (i.e, the amount indicated in the FY92 FYP the Laboratory will need the supplemental funding during FY91 to meet requirements of the HSWA module of the RCRA operating permit.

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

Activity this month was limited to discussions with prospective technical team leaders about the scope of work and the role/responsibilities of the lead organization. We expect to make a selection of lead technical organization soon, and to begin initial work in late April or early May. A cost underrun is not anticipated this fiscal year. However, if sufficient FY90 supplemental funding is not provided (i.e, the amount indicated in the FY92 FYP the Laboratory will need the supplemental funding during FY91 to meet requirements of the HSWA module of the RCRA operating permit.

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

Activity this month was limited to discussions with prospective technical team leaders about the scope of work and the role/responsibilities of the lead organization. We expect to make a selection of lead technical organization soon, and to begin initial work in late April or early May. A cost underrun is not anticipated this fiscal year. However, if sufficient FY90 supplemental funding is not provided (i.e, the amount indicated in the FY92 FYP) the Laboratory will need the supplemental funding during FY91 to meet requirements of the HSWA module of the RCRA operating permit.

AL-LA-8 (TA-21, MDA A, B, T, U, & V) (Project Leader - John Krueger)

Work Plan - The work plan for TA-21 is proceeding slightly behind schedule. The Project Leader is seeking support from an outside contractor to get back on schedule. A cost underrun is not anticipated this fiscal year.

Several meetings have been held to discuss future space utilization at TA-21. A memorandum was transmitted to the space committee flagging this as an ER Program issue, since some of the SWMUs at TA-21 overlap with currently utilized buildings.

Material Disposal Area B - A report discussing the data analysis has been initiated.

AL-LA-9 (TA-21, Subsurface Structures) (Project Leader - John Krueger)

The work plan for TA-21 is proceeding slightly behind schedule. The Project Leader is seeking support from an outside contractor to get back on schedule. A cost underrun is not anticipated this fiscal year.

Several meetings have been held to discuss future space utilization at TA-21. A memorandum was transmitted to the space committee flagging this as an ER issue, since some of the SWMUs at TA-21 overlap with currently utilized buildings.

AL-LA-10 (TA-21, Surface Contamination) (Project Leader - John Krueger)

The work plan for TA-21 is proceeding slightly behind schedule. The Project Leader is seeking support from an outside contractor to get back on schedule. A cost underrun is not anticipated this fiscal year.

Several meetings have been held to discuss future space utilization at TA-21. A memorandum was transmitted to the space committee flagging this as an ER issue, since some of the SWMUs at TA-21 overlap with currently utilized buildings.

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

Work Plan - Work is continuing on the TA-1 RFI work plan. This task is behind schedule because work was not started until January this fiscal year. However, it will come up to schedule as additional staffing becomes available. A cost underrun is not anticipated this fiscal year. However, if sufficient FY90 supplemental funding is not provided (i.e, the amount indicated in the FY92 FYP) the Laboratory will need the supplemental funding during FY91 to meet requirements of the HSWA module of the RCRA operating permit.

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

Recon/Research - Quarterly sampling of the pore gas monitoring wells surrounding Area L occurred in March. Analysis of the September sampling event results indicates that the vapor phase vadose zone plume can probably be bounded by the installation of four additional wells. Materials for these well installations were ordered in March.

The ceiling increase shown in this month's rebaseline of the CYWP reflects receipt of a detailed scope of work for this task, including the purchase of a new analytical instrument by HSE-9 which will automate the chemical analyses for this project, thereby reducing staff time and overall cost in the long run. A cost underrun is not anticipated this fiscal year.

AL-LA-57 (Interim Remedial Measures)

These activities are scheduled as needed. Task element milestones will be provided, if appropriate, as activities are scoped/scheduled. Although the budget for this task currently is underrunning, the demand for interim actions is increasing rapidly, and will be utilized by the end of the fiscal year. Lack of Interim Remedial Measures funds could delay some Laboratory construction projects.

Central School Property - (Project Leader - Roger Ferenbaugh)

The final report on this project has been completed and sent to LAAO for distribution. No contamination was found.

Material Disposal Area C - (Project Leader - Roger Ferenbaugh)

Geophysical surveys to determine the pit and shaft boundaries will be conducted in April. The situation at Area C has become more complex with the discovery that several unlined shafts to depths of 15-25 ft received organic chemicals and solvents as well as radioactive wastes. There will have to be an investigation to determine whether vadose zone contamination at depth is occurring in the area where construction of the new waste treatment facility is proposed. Discussion currently is underway to decide upon the safest way to proceed with this investigation.

Sanitary Wastewater Systems Consolidation - (Project Leader - Roger Ferenbaugh)

There are now two separate problems associated with this facility. One is the sanitary wastewater lines themselves, which cross several old firing sites and other SWMUs. The other is the location of the main wastewater treatment facility, which is in a branch of upper Canada del Buey that potentially is contaminated with discharge from SWMUs on the surrounding mesa tops. Boreholes will be drilled in the canyon in April to investigate the presence of vadose zone contamination at the wastewater treatment facility site. Interaction with EPA Region VI will be necessary to decide upon the proper approach for the sanitary wastewater lines.

UST Removal - (Project Leader - Roger Ferenbaugh)

A Scope of Work is being prepared for the removal of the five tanks that must be removed this fiscal year.

Materials Science Laboratory (MSL) - (Project Leader - Roger Ferenbaugh)

The upper end of Mortandad Canyon, which is the area impacted by the proposed access road for the MSL, was sampled in March. Preparation of a final report is awaiting analytical results from the samples.

AL-LA-59 (NEPA)

No activity in March. The \$50K budget is being held for contingency purposes. Funding will be used for NEPA-related activities or a request made to use the funds for another task at the appropriate time.

AL-LA-60 (Installation Work Plan)

Activities on the Installation Work Plan (IWP) are proceeding behind schedule. However, additional resources, including contractors, will be applied to the project to bring it back on schedule. The IWP is due to EPA in early FY91. A cost underrun is not anticipated this fiscal year.

Community Relations Program - (Project Leader - Roger Ferenbaugh)

The Community Relations Program has been on hold during the month of March. Martin Janowski, the new Community Relations Specialist for the ER Program, will arrive at the beginning of April to continue the community relations effort.

Current Description of Facility - (Project Leader - Roger Ferenbaugh)

No activity to date.

Facility Background Maps - (Project Leader - Roger Ferenbaugh)

The facility background maps are being prepared.

Floodplain Map - (Project Leader - Roger Ferenbaugh)

The floodplain maps are being prepared by HSE-8, who is in charge of this effort.

Geographical Information System (GIS) - (Project Leader - Roger Ferenbaugh)

Hardware and software purchases are progressing. Several Graduate Research Assistants from the National GIS Centers are being hired for the summer to help with initial system development. Development of a video archival system is being investigated.

Hydrogeological Environment Overview - (Project Leader - Roger Ferenbaugh)

There has been minimal activity to date on the pathway analysis/exposure scenarios by HSE-8.

Interim Remedial Measures Description - (Project Leader - Roger Ferenbaugh)

No activity to date.

Pathway Analysis/Exposure Scenarios - (Project Leader - Roger Ferenbaugh)

No activity to date.

Statistical Survey Design - (Project Leader - Roger Ferenbaugh)

The LANL Statistics Group (A-1) has been contacted to provide a cost effective statistically sound sampling approach for the various types of sampling scenarios that have been proposed (canyons, outfalls, large contaminated areas, etc.). A Scope of Work is being prepared for this activity.

Technical Data Management Program (TDMP) - (Project Leader - Roger Ferenbaugh)

Work on the TDMP is continuing. Major efforts during March included assessment of overall data management needs and investigation of regulations and reporting requirements pertinent to TDM. There also is an effort underway to find a suitable computerized TDM and archival system that can be integrated with the GIS within the UNIX workstation environment.

Wetland Maps - (Project Leader - Roger Ferenbaugh)

Work on wetland maps is continuing. The weather is now becoming suitable for initiation of field investigations to determine exact boundaries, species composition, etc.

QA/QC Program - (Project Leader - John Krueger)

Development of the QA/QC Program section of the IWP is on-going.

Health and Safety Program - (Project Leader - Robert Vocke)

There has been minimal activity on the Health and Safety Program to date. The Health and Safety Officer will be joining the ER Program Office in late April.

AL-LA-61 (Assessment Management)

Activities during March focused on modifying the FYP CYWP and managing the ER Program as it is expanding. The ER Program Office also expends significant effort to ensure that new Laboratory projects are not impacted by SWMUs that must be addressed under the ER Program. A cost overrun is not expected during FY90 as the ER Program Office will be adding new staff and acquiring more space.

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

Task Element Status

AL-LA-57 (Interim Remedial Measures)

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

AL-LA-61 (Remediation Management)

Activities during March 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 adding new staff and 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 - The approved closure plan for this site was received by the ER Program Office on February 21 from the State of New Mexico through LAAO. It included a rigorous schedule starting on February 12 for completion of closure activities.

Both mandated March deadlines for the closure were met. On March 14, soil sampling was required to be completed and the liner decontaminated again. Since the liner was decontaminated last fiscal year, it will be shipped off-site for incineration as soon as possible. Results of the soil analysis show one contaminated sample (and duplicate) contaminated with low ppm levels of VOCs. A letter to the State documenting compliance with the first three deadlines in the approved closure plan, and requesting further guidance, is under preparation. Although closure activities have been delayed, this project is not anticipated to underrun this fiscal year.

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

Closure - The tank decontamination activity was set up in the field during the last week of March; the bulk of the effort will occur in early April. Although closure activities have been delayed, this project is not anticipated to underrun this fiscal year.

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

It was discovered last month that decontamination of the tank formerly associated with surface impoundment #85 is impractical due to the nature of its internal liner, so it was cut up and drummed this month for off-site incineration, which will occur in April.

Also this month, former surface impoundment #125 was graded and reseeded, and the job order for the TA-35 surface impoundment closure was officially closed out. Remaining work for the ER Program Office includes finalizing the closure plan to reflect what actually occurred in the field and the conduct of any verification sampling the State may require. This project is not anticipated to underrun this fiscal year.

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

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

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

Scoping meetings were held this month with Roy F. Weston, Inc. to aid them in preparing a scope of work for modification of the TA-40 Scrap Detonation Site closure plan. A SOW will be submitted next month. The addition of contractor assistance will place this project back on schedule by the end of the fiscal year, including use of the allocated funds.

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

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 April and May. The expenditures reported in February reflect work completed toward the development of the mobile GC/MS. The addition of contractor assistance will place this project back on schedule by the end of the fiscal year, including use of the allocated funds.

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 Internal Draft Mixed Waste Disposal Facility Alternative Design Options document review comments were returned to the preparer (Merrick/Dames and Moore) for action. The Merrick/Dames and Moore Team was requested to incorporate the comments as appropriate (or otherwise address each of them) and to finalize the draft document. The final report is scheduled to be completed in June 1990.

The Preliminary Site Selection Study, prepared in draft form by Merrick/Dames and Moore, was also scheduled for completion in June 1990. The major thrust of this work will be to address/incorporate the review comments. However, there continues to be concern that the two highest rated locations, both at TA-49, may be subject to serious impact from (or on) other

activities at or near TA-49. The severity of such impacts will be investigated as part of this tasking.

The addition of contractor assistance will place this project back on schedule by the end of the fiscal year, including use of the allocated funds.

PROBLEMS/ISSUES

The Laboratory has received \$4.019 million of the original \$8.57 million FY90 supplemental funding request. If the additional supplemental funding is not provided the unfunded request will be carried into FY91 requiring additional supplemental funding to meet permit requirements.

MANAGER'S ASSESSMENT OF % COMPLETE:

It appears that the Laboratory is approximately 25% complete with FY90 activities based on the revised proposed CYWP and NMEID approval of the revised approach to closure activities. However, % complete adjustments have not been made on a Task-by-Task basis for the proposed CYWP. The Task-by-Task adjustments will be made when the proposed CYWP is approved. 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)]___ REPORT PERIOD: MARCH
 RCRA CLOSURE___

TASK ID NO	PLANNED CURRENT FISCAL YEAR COSTS (\$K)	FY90												FY TOTAL		CV	
		OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	BL	/ EST /		
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										
AL-LA-2	TA-33, MATERIAL DISPOSAL AREAS ASSESSMENT AL-1126																
	PLAN						0	5	25	30	30	30	30	150 /	150 /	0	
	ACT						0										
AL-LA-3	TA-33 BLDGS AND OUTFALLS ASSESSMENT AL-1122																
	PLAN						0	5	25	30	30	30	30	150 /	150 /	0	
	ACT						0										
AL-LA-4	TA-33 SUBSURFACE STRUCTURES ASSESSMENT AL-1125																
	PLAN						0	5	25	30	30	30	30	150 /	150 /	0	
	ACT						0										
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										
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	51	45	50	611 /	611 /	0	
	ACT	16	71	76	92	17	39										
AL-LA-9	TA-21, SUBSURFACE STRUCTURES ASSESSMENT AL-1106																
	PLAN	30	30	30	30	30	50	60	61	40	20	20	25	365 /	365 /	0	
	ACT	16	12	13	34	14	29										
AL-LA-10	TA-21, SURFACE CONTAMINATION ASSESSMENT AL-1109																
	PLAN	30	30	30	30	30	50	60	61	40	20	20	25	365 /	365 /	0	
	ACT	16	12	13	34	14	29										

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)] ___ REPORT PERIOD: MARCH
 RCRA CLOSURE ___

TASK ID NO	PLANNED CURRENT FISCAL YEAR COSTS (\$K)	FY90												FY TOTAL				
		OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	BL	EST	CV		
AL-LA-11	TA-1, CONTAMINATED AREAS, STRUCTURES - TOWNSITE ASSESSMENT AL-1078																	
	PLAN	5	10	10	15	15	15	20	20	20	20	20	30	150	/	150	/	0
	ACT	0	0	0	2	3	1											
AL-LA-15	TA-10 FIRING SITES, STR - TOWNSITE AL-1079																	
	PLAN							0	0	20	20	20	20	100	/	100	/	0
	ACT							0										
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											
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											
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											
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											
AL-LA-61	MANAGEMENT/REVIEW/REPORTING ASSESSMENT AL-2107																	
	PLAN	100	100	100	120	120	120	240	240	240	240	245	256	2104	/	2104	/	0
	ACT	59	86	56	269	53	71											
TOTALS	PLAN	335	365	375	355	355	531	913	1138	1084	980	952	1013	7854	/	7854	/	0
	ACT	113	208	183	544	195	236											

SIGNATURE OF PREPARER AND DATE

SIGNATURE OF DOE AREA OFFICE ER PROGRAM MANAGER AND DATE

SIGNATURE OF AL ER PROGRAM PROJECT ENGINEER AND DATE

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___ REPORT PERIOD: MARCH
 RCRA CLOSURE_X___

PLANNED CURRENT FISCAL YEAR COSTS (\$K)

TASK ID NO		OCT	NOV	DEC	JAN	FEB	MAR	FY90		JUN	JUL	AUG	SEP	BL	FY TOTAL		CV	
								APR	MAY						/	/		
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											
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											
TOTALS																		
	PLAN	650	105	85	170	198	140	176	222	252	252	219	244	2755	/	2755	/	0
	ACT	651	95	46	398	60	89											

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: MARCH
 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	40	20	670	36
AL-LA-2	TA-33, MATERIAL DISPOSAL AREAS	WORK PLAN	TBD	TBD	0	0	150	0
AL-LA-3	TA-33, BLDGS AND OUTFALLS	WORK PLAN	TBD	TBD	0	0	150	0
AL-LA-4	TA-33, SUBSURFACE STRUCTURES	WORK PLAN	TBD	TBD	0	0	150	0
AL-LA-5	TA-50, MATERIAL DISP AREA C	WORK PLAN	TBD	TBD	0	0	100	0
AL-LA-8	TA-21, MDA A, B, T, U, & V	WORK PLAN	TBD	TBD	50	65	611	311
AL-LA-9	TA-21, SUBSURFACE STRUCTURES	WORK PLAN	TBD	TBD	50	40	365	118
AL-LA-10	TA-21, SURFACE CONTAMINATION	WORK PLAN	TBD	TBD	50	40	365	118
AL-LA-11	TA-1, CONTAMINATED AREAS, STRUCTURES - TOWNSITE	WORK PLAN	TBD	TBD	50	9	150	6
AL-LA-15	TA-10 FIRING SITES, STR - TOWNSITE	WORK PLAN	TBD	TBD	0	0	100	0
AL-LA-46	TA-54, MATERIALS DISPOSAL AREAS L, G, H, & J	RECON/RESEARCH	TBD	TBD	50	50	150	15
AL-LA-57	INTERIM REMEDIAL MEASURES	WORK PLANS	TBD	TBD	NA	NA	639	33
AL-LA-59	NEPA	TBD	TBD	TBD	TBD	TBD	50	0
AL-LA-60	INSTALLATION WORK PLAN	WORK PLAN	TBD	TBD	60	30	2,100	248

ENVIRONMENTAL RESTORATION PROGRAM
 FY90 CURRENT YEAR WORK PLAN - TASK ACTIVITY REPORT SHEET
 REPORT PERIOD: MARCH
 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-61	ASSESSMENT MANAGEMENT	NA	NA	NA	NA	NA	2,104	594
SUBTOTAL - ASSESSMENT							7,854	1,479
REMEDIATION								
AL-LA-RC-1	TA-16, BURNING GROUND SURFACE IMPOUNDMENT	CLOSURE	TBD	TBD	40	40	107	13
AL-LA-RC-2	TA-54, AREA L WASTE OIL STORAGE TANKS	CLOSURE	TBD	TBD	20	5	75	7
AL-LA-RC-3	TA-35, WASTE OIL STORAGE PITS	CLOSURE	TBD	TBD	75	75	1,100	1,001
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	15	3	50	0
AL-LA-RC-6	TA-54, AREAS L AND H	CLOSURE	TBD	TBD	30	15	553	114
AL-LA-RC-9	RCRA MIXED WASTE DISPOSAL FACILITY	PERMITTING ACTIVITIES	TBD	TBD	TBD	TBD	315	6
AL-LA-57	INTERIM REMEDIAL MEASURES	REMEDIATION	TBD	TBD	NA	NA	195	98
AL-LA-61	REMEDIATION MANAGEMENT	NA	NA	NA	NA	NA	310	100
SUBTOTAL - REMEDIATION							2,755	1,339
TOTAL - ER PROGRAM							10,609	2,818

*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: MARCH

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	35	20	-15
AL-LA-2	TA-33, MATERIAL DISPOSAL AREAS RFI/CMS	OCT 1988	OCT 1988A	TBD	TBD	0	0	0
AL-LA-3	TA-33 BLDGS AND OUTFALLS RFI/CMS	OCT 1988	OCT 1988A	TBD	TBD	0	0	0
AL-LA-4	TA-33 SUBSURFACE STRUCTURES RFI/CMS	OCT 1988	OCT 1988A	TBD	TBD	0	0	0
AL-LA-5	TA-50, MATERIAL DISPOSAL AREA C RFI/CMS	OCT 1988	OCT 1988A	TBD	TBD	0	0	0
AL-LA-8	TA-21, MDA A, B, T, U, & V RFI/CMS	OCT 1988	OCT 1988A	TBD	TBD	50	65	15
AL-LA-9	TA-21, SUBSURFACE STRUCTURES RFI/CMS	OCT 1988	OCT 1988A	TBD	TBD	50	40	-10
AL-LA-10	TA-21, SURFACE CONTAMINATION RFI/CMS	OCT 1988	OCT 1988A	TBD	TBD	50	40	-10
AL-LA-11	TA-1, CONTAMINATED AREAS, STRUCTURES-TOWNSITE RFI/CMS	OCT 1988	OCT 1988A	TBD	TBD	50	9	-41
AL-LA-15	TA-10 FIRING SITES, STR RFI/CMS	OCT 1988	OCT 1988A	TBD	TBD	0	0	0
AL-LA-46	TA-54, MDA L, G, H, & J RFI/CMS	OCT 1988	OCT 1988A	TBD	TBD	50	50	0
AL-LA-57	INTERIM REMEDIAL MEASURES RFI/CMS	NA	NA	NA	NA	NA	NA	NA

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REPORT PERIOD: MARCH

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-59	NEPA TBD	OCT 1989	JAN 1990	TBD	TBD	TBD	TBD	NA
AL-LA-60	INSTALLATION WORK PLAN WORK PLAN	OCT 1989	OCT 1989A	MAY 1989	JULY 1990	60	30	-30
AL-LA-61	ASSESSMENT MANAGEMENT LEVEL OF EFFORT	NA	NA	NA	NA	NA	NA	NA
REMIEDIATION								
AL-LA-RC-1	TA-16, BURNING GROUND SURFACE IMPOUNDMENT CLOSURE	OCT 1988	OCT 1988A	SEPT 1990	SEPT 1990	40	40	0
AL-LA-RC-2	TA-54, AREA L WASTE OIL STORAGE TANKS CLOSURE	OCT 1988	JAN 1990	SEPT 1990	SEPT 1990	20	5	-15
AL-LA-RC-3	TA-35, WASTE OIL STORAGE PITS CLOSURE	OCT 1988	OCT 1988A	SEPT 1990	SEPT 1990	75	75	0
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	JAN 1990	SEPT 1990	SEPT 1990	15	3	-12
AL-LA-RC-6	TA-54, AREAS L AND H CLOSURE	OCT 1989	JAN 1990	TBD	TBD	30	15	-15
AL-LA-RC-9	RCRA MIXED WASTE DISPOSAL FACILITY REMIEDIATION	MAY 1989	MAY 1989	TBD	TBD	TBD	TBD	NA
AL-LA-57	INTERIM REMEDIAL MEASURES REMIEDIATION	NA	NA	NA	NA	NA	NA	NA
AL-LA-61	REMIEDIATION MANAGEMENT LEVEL OF EFFORT	NA	NA	NA	NA	NA	NA	NA

ENVIRONMENTAL RESTORATION PROGRAM
 FY90 CURRENT YEAR WORK PLAN - TASK ELEMENT MILESTONE REPORT SHEET
 REPORT PERIOD: MARCH
 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	TBD	TBD	TBD	TBD
AL-LA-3	TA-33 BLDGS AND OUTFALLS	WORK PLAN	TBD	TBD	TBD	TBD
AL-LA-4	TA-33 SUBSURFACE STRUCTURES	WORK PLAN	TBD	TBD	TBD	TBD
AL-LA-5	TA-50, MATERIAL DISPOSAL AREA C	WORK PLAN	TBD	TBD	TBD	TBD
AL-LA-8	TA-21, MDA A, B, T, U, & V	WORK PLAN	OCTOBER 1, 1989	OCTOBER 1, 1989A	OCTOBER 26, 1990	OCTOBER 26, 1990
AL-LA-9	TA-21, SUBSURFACE STRUCTURES	WORK PLAN	OCTOBER 1, 1989	OCTOBER 1, 1989A	OCTOBER 26, 1990	OCTOBER 26, 1990
AL-LA-10	TA-21, SURFACE CONTAMINATION	WORK PLAN	OCTOBER 1, 1989	OCTOBER 1, 1989A	OCTOBER 26, 1990	OCTOBER 26, 1990
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	TBD	TBD	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-57	INTERIM REMEDIAL MEASURES	WORK PLANS	NA	NA	NA	NA
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

ENVIRONMENTAL RESTORATION PROGRAM
 FY90 CURRENT YEAR WORK PLAN - TASK ELEMENT MILESTONE REPORT SHEET
 REPORT PERIOD: MARCH
 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-61	ASSESSMENT MANAGEMENT	NA	NA	NA	NA	NA
REMEDATION						
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 LANFILL	CLOSURE	JULY 2, 1990	JULY 2, 1990	SEPTEMBER 28, 1990	SEPTEMBER 28, 1990
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	MARCH 12, 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	REMEDATION	NA	NA	NA	NA
AL-LA-61	REMEDATION 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.