

**LIBRARY COPY**

**Department of Energy**

Field Office, Albuquerque  
Los Alamos Area Office  
Los Alamos, New Mexico 87544

**JUL 26 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 June 1994 for the Environmental Restoration (ER) Program at the Los Alamos National Laboratory that has been requested by your staff. Also enclosed are the meeting notes from the ER Monthly Program Status meeting which was held on July 13, 1994. This meeting covered the May 1994 reporting period.

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

Sincerely,

A handwritten signature in black ink, appearing to read "T. J. Taylor", written over a horizontal line.

Theodore J. Taylor  
Program Manager  
Environmental Restoration Program

Enclosure

cc w/ enclosure:  
T. Taylor, ESH, LAO  
K. Schenck, Scientech/LAO

cc w/o enclosure:  
K. Boardman, ERPO, AL, MS A906  
J. Levings, ERPO, AL, MS A906  
W. Spurgeon, EM-452, HQ  
K. Sisneros, NMED  
T. Baca, EM, UC-LANL, MS J591  
H. Jansen, EM/ER, UC-LANL, MS M992  
RPF, UC-LANL, MS M707



8081

2012  
Report

**DOE MONTHLY REPORT  
FOR JUNE 1994  
Los Alamos National Laboratory  
ER PROJECT**

**SECTION 1**  
**REVIEW DOCUMENTATION**  
**SIGNATURE SHEET**

DOE/AL/ERPO  
Monthly Report Evaluation  
Review Documentation Sheet

Installation Los Alamos National Laboratory - ER and D&D

Reporting Period May 1994

Date Received by ERPO 06/24/94

1. Complete Evaluation Report text for technical review.

Julianne Levings  
Installation Manager

Julianne Levings 6/30/94  
Signature/Date

V. Ray Wood  
Project Control Officer

V. Ray Wood II 6/30/94  
Signature/Date

2. Technical review complete with comments noted.

Robert W. Turner  
C/S Engineer

Robert W. Turner 6/30/94  
Signature/Date

3. Technical review comments addressed.

Julianne Levings  
Installation Manager

Julianne Levings 6/30/94  
Signature/Date

4. Comments Incorporated.

[Signature]  
Area Office ER Program Manager

7/26/94  
Signature/Date

[Signature]  
M&O ER Program Manager

7-22-94  
Signature/Date

**SECTION 2**  
**INSTALLATION SUMMARY**  
**REPORT**

# Installation Summary Report

## Installation: LOS ALAMOS NATIONAL LABORATORY

### Month Ending: JUNE 30, 1994

Schedule Variance (project-to-date)	(\$5517K)	(2.6%)
Cost Variance (project-to-date)	\$ 3279.1K	1.6%
Variance at Completion	(\$ 266.8K)	0.0 %

Per guidance, April 1994 was used to correct to the new cost and schedule baseline. The performance and schedule variance curves in Figure 1 reflect the status as of June 30 1994. The new schedule variance of (\$5517K) equates to total project being two weeks behind.

#### EXECUTIVE SUMMARY

This narrative addresses the Installation variances as a whole. The performance and schedule variance curves in Figure 1 reflect the status as of June 30, 1994. The ADSs contributing to the majority of the Variance are: ADS 1067, the Mixed Waste Disposal Facility (MWDF); ADS 1071, a town site operable unit (OU); and ADS 1093, primarily a firing site OU.

The MWDF is behind schedule because additional scope has been added which includes adding a waste treatment plan to the original scope of work. Due to working on activities associated with this additional scope, the overall schedule has suffered. A baseline change proposal has been submitted to the DOE to incorporate this additional scope into the project. The Installation project may suffer long-term effects because the Title I Design must now be revised to include this additional scope which is expected to delay the permitting process and subsequently the start of the MWDF.

OU 1071 is behind schedule due to finding more lead-contaminated soil at Solid Waste Management Unit 0-016 than was originally expected. The lead is being removed from the soil but is causing delays because of the additional amount of work. This event is not likely to impact the Installation project.

A slight delay in the field work has resulted in a schedule variance for OU 1093, however, this delay is expected to be overcome by accelerating the field work process and will not effect the Installation project.

Other activities are continuing on schedule with positive results. With as many as 12 OUs in the field simultaneously during this field season, the fact that the project as a whole is only two weeks behind schedule is an indication of an overall well-working schedule. Likewise, the installation is expecting to meet the budget allocation for this fiscal year.

**TABLE A RISK FACTORS**

**RISK FACTORS**

ARE ADDITIONAL FUNDS REQUIRED?	YES _____	NO <u>  X  </u>
WILL DOE-HQ CONTROLLED MILESTONES BE LATE?	YES _____	NO <u>  X  </u>
WILL REGULATORY MILESTONES BE LATE?	YES _____	NO <u>  X  </u>
WILL SCOPE OF WORK CHANGE?	YES _____	NO <u>  X  </u>

IF YES, EXPLAIN.

# Installation Summary Report

## Installation: LOS ALAMOS NATIONAL LABORATORY

### Month Ending: JUNE 30, 1994

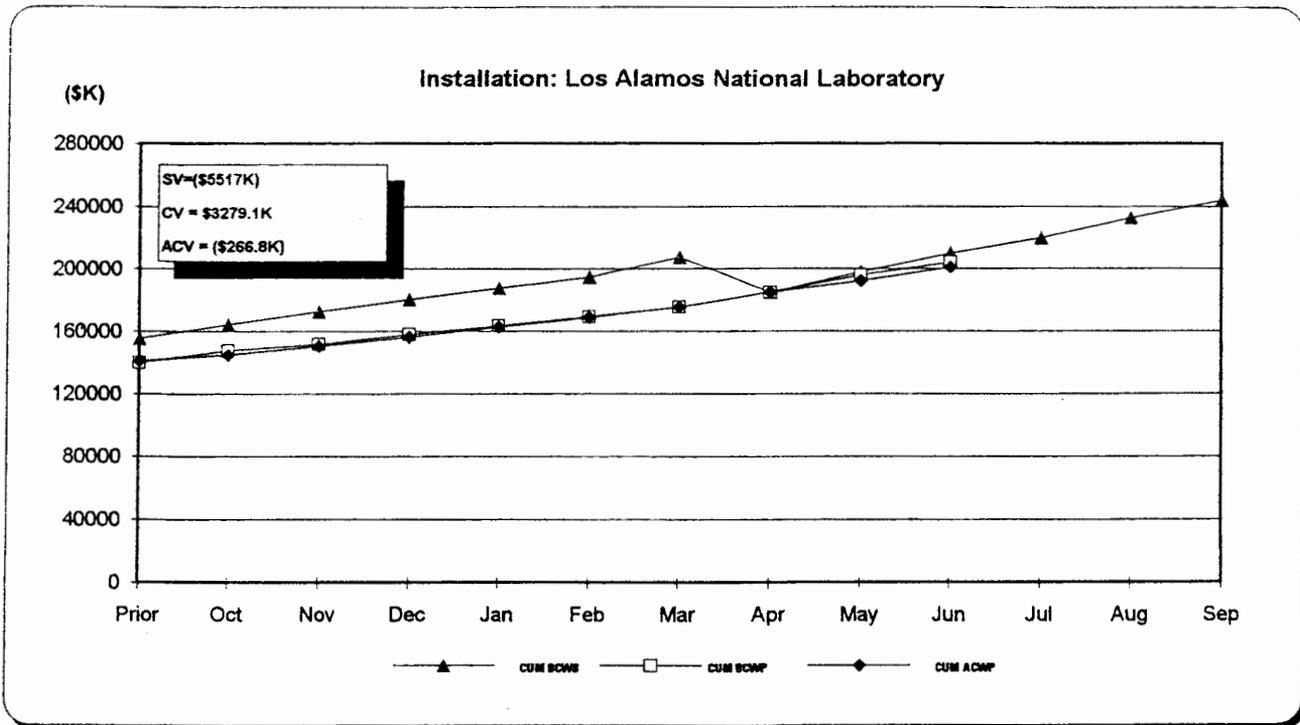


Figure 1: Performance Curves

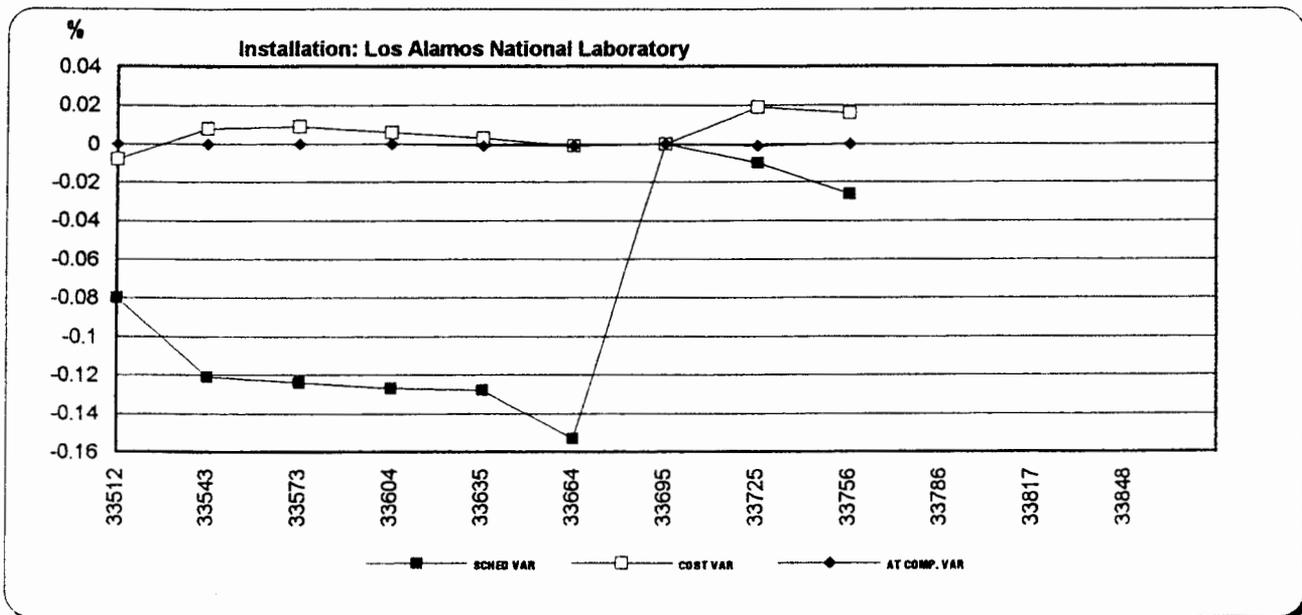


Figure 2: Schedule / Cost Variance

Figure 2 depicts the percent cost, schedule, and at-complete variance trends.

The Program experienced a cost variance of +\$3279.1K for the reporting period. This is mainly due to a cost underrun on ADS 2105 and ADS 1122.

**SECTION 3**  
**COST PERFORMANCE**  
**REPORT**

COST PERFORMANCE REPORT - WORK BREAKDOWN STRUCTURE

Contractor: LOS ALAMOS NATIONAL LABORATORY  
 Location: LOS ALAMOS, NEW MEXICO  
 Contract Type/Number: [Blank]  
 Program Name/Number: ENVIRONMENTAL RESTORATION PROGRAM  
 Report Period: 9  
 Period End Date: 30-Jun-94  
 Signature, Title, Date: [Signature] 7-22-94  
 Form Approved: OMB Number 22R0327  
 RD&E 0 Production 0  
 Quantity NA  
 Negotiated Cost 0.0  
 Est Cost Auth, Unpriced Work 0.0  
 TGT Profit/Fee % 0.0 /NA  
 Est Price 1486538.2  
 Share Ratio 0.0  
 Contract Ceiling 0.0  
 Est Contract Ceiling 0.0

ITEM	CURRENT PERIOD								CUMULATIVE TO DATE								AT COMPLETION			
	BUDGETED COST		Actual Cost of Work Performed	VARIANCE				BUDGETED COST		Actual Cost of Work Performed	VARIANCE				% Complete	Budgeted	Latest Revised Estimate	Variance	Variance %	
	Work Scheduled	Work Performed		Schedule \$	Cost \$	Schedule %	Cost %	Work Scheduled	Work Performed		Schedule \$	Cost \$	Schedule %	Cost %						
LANL WBS 3																				
1049: CANYONS ASSESSMENT																				
6.1.1	117.6	89.4	57.0	-28.2	32.4	-24.0%	36.2%	1342.7	1314.4	1234.8	-28.2	79.7	-2.1%	6.1%	1.7%	77085.5	77085.5	0.0	0.0%	
1050b: S&M CMR WING NINE																				
6.4.2	0.0	0.0	0.0	0.0	0.0	0.0%	0.0%	0.0	0.0	0.0	0.0	0.0	0.0%	0.0%	0.0%	0.0	0.0	0.0	0.0%	
1051: DP MGMT																				
6.3.1	563.2	39.2	489.9	-524.0	-450.7	-93.0%	-1150.1%	4719.5	4189.5	4238.2	-530.1	-48.7	-11.2%	-1.2%	19.3%	21731.1	21731.1	0.0	0.0%	
1051b: NON-DP																				
6.3.2	6.1	6.1	44.1	0.0	-38.0	0.5%	-619.5%	460.0	458.2	491.4	-1.8	-33.2	-0.4%	-7.2%	95.6%	479.5	491.4	-11.9	-2.5%	
1053a: Lapre II D&D																				
6.2.1	0.0	0.0	0.0	0.0	0.0	0.0%	0.0%	95.6	95.6	95.6	0.0	0.0	0.0%	0.0%	100.0%	95.6	95.6	0.0	0.0%	
1054: P.S. PIT D&D																				
6.2.2	299.0	110.3	116.8	-188.7	-6.5	-63.1%	-5.9%	2017.9	1654.5	1280.4	-363.4	374.1	-18.0%	22.6%	25.2%	6570.5	6570.5	0.0	0.0%	
1055: 3&4 South Remed																				
6.2.3	448.0	186.3	292.4	-261.7	-106.1	-58.4%	-57.0%	2995.9	3145.2	2700.3	149.3	444.9	5.0%	14.1%	5.3%	59434.3	59434.3	0.0	0.0%	
1070: S&M TA-21 3&4 SOUTH																				
6.4.1	0.0	0.0	0.0	0.0	0.0	0.0%	0.0%	22.0	22.0	22.0	0.0	0.0	0.0%	0.0%	100.0%	22.0	22.0	0.0	0.0%	
1062: INTERIM REMEDIAL MEASURES																				
6.1.2	0.0	0.0	0.0	0.0	0.0	0.0%	0.0%	1719.3	1719.3	1719.3	0.0	0.0	0.0%	0.0%	100.0%	1719.8	1719.8	0.0	0.0%	
1063: INTERIM REM MEASURES - USTs																				
6.1.3	0.0	0.0	0.0	0.0	0.0	0.0%	0.0%	1340.1	1340.1	1340.1	0.0	0.0	0.0%	0.0%	100.0%	1340.1	1340.1	0.0	0.0%	
1066: NEPA DOCUMENTATION																				
6.3.6	55.7	0.3	5.3	-55.4	-5.0	-99.4%	-1609.7%	724.8	600.5	611.0	-124.3	-10.5	-17.1%	-1.7%	31.1%	1930.2	1930.2	0.0	0.0%	
1067: RCRA MWSDF																				
6.6.1	534.3	164.5	171.3	-369.9	-6.8	-69.2%	-4.2%	7504.3	6625.8	6879.6	-878.5	-253.8	-11.7%	-3.8%	16.5%	40098.8	40098.8	0.0	0.0%	
1071: TA-0,19,26,73,74 ASSESSMENT																				
6.1.4	1145.2	1499.5	859.6	354.3	639.9	30.9%	42.7%	9543.0	9318.7	9145.8	-224.3	172.8	-2.4%	1.9%	15.9%	58490.5	58490.5	0.0	0.0%	
1078: TA-1 ASSESSMENT																				
6.1.5	411.3	21.2	118.5	-390.2	-97.3	-94.9%	-459.7%	5260.6	4868.5	4956.2	-392.1	-87.8	-7.5%	-1.8%	29.5%	16521.8	16521.8	0.0	0.0%	
1079: TA-10,31,32,45 ASSESSMENT																				
6.1.6	832.8	510.9	393.8	-321.9	117.1	-38.6%	22.9%	5679.4	5264.4	4938.8	-414.9	325.6	-7.3%	6.2%	15.0%	35070.4	35070.4	0.0	0.0%	
1082: TA-11,13,16,24,25,28,37 ASSESS.																				
6.1.7	385.5	352.2	179.4	-33.2	172.8	-8.6%	49.1%	4567.8	4605.1	4255.8	37.3	349.3	0.8%	7.6%	11.8%	38994.6	39010.6	-16.0	0.0%	
1085: TA-12,14,67 ASSESSMENT																				
6.1.8	0.0	0.0	16.5	0.0	-16.5	0.0%	0.0%	650.4	650.4	725.4	0.0	-75.0	0.0%	-11.5%	26.0%	2505.8	2564.1	-58.2	-2.3%	
1086: TA-15 ASSESSMENT																				
6.1.9	243.8	62.3	141.2	-181.4	-78.9	-74.4%	-126.5%	2196.4	1903.6	2038.6	-292.8	-135.0	-13.3%	-7.1%	14.2%	13447.8	13544.2	-96.4	-0.7%	
1091: TA-16, BURNING GROUND																				
6.1.10	0.0	0.0	0.0	0.0	0.0	0.0%	0.0%	31.0	31.0	31.0	0.0	0.0	0.0%	0.0%	100.0%	31.0	31.0	0.0	0.0%	
1093: TA-18, 27,65 ASSESSMENT																				
6.1.11	278.1	288.4	240.2	10.3	48.2	3.7%	16.7%	3971.8	3515.8	3471.3	-456.0	44.4	-11.5%	1.3%	31.7%	11099.9	11104.6	-4.7	0.0%	
1098: TA-2,41 ASSESSMENT																				
6.1.12	268.7	173.9	171.0	-94.8	2.9	-35.3%	1.6%	2008.0	1991.0	1853.6	-17.0	137.4	-0.8%	6.9%	3.4%	59185.4	59185.4	0.0	0.0%	
1100: TA-20,53,72 ASSESSMENT																				
6.1.13	192.2	35.3	75.8	-156.9	-40.5	-81.6%	-114.8%	1910.2	1698.9	1718.7	-211.3	-19.8	-11.1%	-1.2%	7.6%	22215.4	22215.4	0.0	0.0%	
1106: TA-21 ASSESSMENT																				
6.1.14	400.4	288.4	188.4	-111.9	100.0	-28.0%	34.7%	13266.8	12922.4	12823.8	-344.4	98.7	-2.6%	0.8%	10.4%	123867.4	123867.4	0.0	0.0%	
1111: TA-6,7,22,40,58,62 ASSESSMENT																				
6.1.15	213.6	185.2	173.1	-28.4	12.1	-13.3%	6.5%	3716.8	3544.1	3523.1	-172.7	21.0	-4.6%	0.6%	17.4%	20353.2	20355.9	-2.7	0.0%	
1114: TA-3,30,59,60,61,64 ASSESSMENT																				
6.1.16	290.1	163.9	208.9	-126.2	-45.0	-43.5%	-27.4%	3197.7	2910.3	2842.8	-287.4	67.7	-9.0%	2.3%	13.6%	21358.3	21358.3	0.0	0.0%	
1122: TA-33,70 ASSESSMENT																				
6.1.17	415.8	212.7	230.6	-202.9	-17.9	-48.8%	-8.4%	5716.0	5747.1	5134.6	31.1	612.5	0.5%	10.7%	37.2%	15459.6	15459.6	0.0	0.0%	
1127: TA-35 WASTE OIL PITS CLOSURE																				
6.1.18	5.6	2.9	6.1	-2.7	-3.2	-47.9%	-110.5%	1186.2	1182.1	1183.7	-4.2	-1.6	-0.4%	-0.1%	85.6%	1380.5	1380.5	0.0	0.0%	
1129: TA-4,5,35,42,52,55,63,66 ASSESS.																				
6.1.19	204.6	102.7	127.7	-101.9	-25.0	-49.8%	-24.3%	6673.1	6705.1	6600.5	32.0	104.6	0.5%	1.6%	14.5%	46152.4	46153.7	-1.3	0.0%	
1130: TA-36,68,71 ASSESSMENT																				
6.1.20	65.8	11.0	153.3	-54.8	-142.3	-83.3%	-1293.6%	1993.9	1917.3	2191.7	-76.6	-274.4	-3.8%	-14.3%	18.7%	10230.9	10232.2	-1.3	0.0%	
1132: TA-39 ASSESSMENT																				
6.1.21	348.5	239.0	272.1	-109.5	-33.1	-31.4%	-13.8%	3375.7	3175.3	3188.4	-200.4	-13.1	-5.9%	-0.4%	8.8%	36261.4	36261.4	0.0	0.0%	
1135: TA-40 SDS SITE CLOSURE																				
6.1.22	1.1	0.7	7.1	-0.4	-6.4	-37.0%	-897.2%	406.7	402.2	408.7	-4.6	-6.6	-1.1%	-1.6%	97.3%	413.2	426.9	-13.8	-3.3%	
1136: TA-43 ASSESSMENT																				

COST PERFORMANCE REPORT - WORK BREAKDOWN STRUCTURE

Contractor: LOS ALAMOS NATIONAL LABORATORY Location: LOS ALAMOS, NEW MEXICO	Contract Type/Number	Program Name/Number ENVIRONMENTAL RESTORATION PROGRAM	Report Period: 9 Period End Date: 30-Jun-94	Signature, Title, Date	Form Approved
RDT&E 0 Quantity NA	Production 0	Est Cost Auth, Unpriced Work 0.0	TGT Profit/Fee % 0.0 /NA	Est Price 1486538.2	Share Ratio 0.0
				Contract Ceiling 0.0	Est Contract Ceiling 0.0

Negotiated Cost 0.0	Est Cost Auth, Unpriced Work 0.0	TGT Profit/Fee % 0.0 /NA	Est Price 1486538.2	Share Ratio 0.0	Contract Ceiling 0.0
---------------------	----------------------------------	--------------------------	---------------------	-----------------	----------------------

ITEM	CURRENT PERIOD								CUMULATIVE TO DATE								AT COMPLETION					
	BUDGETED COST		Actual Cost of Work Performed	VARIANCE				BUDGETED COST		Actual Cost of Work Performed	VARIANCE				% Complete	Budgeted	Latest Revised Estimate	Variance	Variance %			
	Work Scheduled	Work Performed		Schedule \$	Cost \$	Schedule %	Cost %	Work Scheduled	Work Performed		Schedule \$	Cost \$	Schedule %	Cost %								
LANL WBS 3	6.1.22	6.1	5.8	6.4	-0.3	-0.6	-5.2%	-10.6%	252.0	248.4	276.8	-3.6	-28.4	-1.4%	-11.4%	32.4%	766.0	766.0	0.0	0.0%		
	1140: TA-46 ASSESSMENT	24.4	30.2	32.6	5.8	-2.4	23.6%	-8.0%	1821.8	1817.6	1868.4	-4.2	-50.8	-0.2%	-2.8%	17.6%	10311.5	10311.5	0.0	0.0%		
	6.1.23	1144: TA-49 ASSESSMENT	129.1	73.3	189.2	-55.8	-115.9	-43.2%	-158.0%	3653.6	3603.6	3328.7	-50.0	274.9	-1.4%	7.6%	26.9%	13398.6	13399.5	-0.9	0.0%	
	6.1.24	1147: TA-50 ASSESSMENT	29.1	35.1	652.9	6.0	-617.8	20.7%	-1761.2%	2754.5	2772.5	3314.0	18.0	-541.5	0.7%	-19.5%	6.3%	44330.7	44330.7	0.0	0.0%	
	6.1.25	1148: TA-51.54 ASSESSMENT	377.7	87.0	265.1	-290.7	-178.1	-77.0%	-204.7%	7942.6	7376.6	7716.6	-566.1	-340.0	-7.1%	-4.6%	9.4%	78165.6	78147.6	18.0	0.0%	
	6.1.26	1150: TA57 Area L Waste Oil	0.0	0.0	0.0	0.0	0.0	0.0%	0.0%	75.0	75.0	75.0	0.0	0.0	0.0%	0.0%	100.0%	75.0	75.0	0.0	0.0%	
	1154: TA-57 ASSESSMENT	6.1.27	108.3	45.7	23.7	-62.6	22.0	-57.8%	48.1%	508.7	431.5	426.1	-77.2	5.3	-15.2%	1.2%	26.4%	1633.7	1633.7	0.0	0.0%	
	6.1.28	1157: TA-8.9,23.69 ASSESSMENT	160.8	157.3	81.4	-3.5	75.9	-2.2%	48.2%	2228.4	2311.5	2062.8	83.1	248.6	3.7%	10.8%	11.8%	19631.0	19631.0	0.0	0.0%	
	2105: PROGRAM. TECH. SUPPORT	6.3.4	2244.5	2103.6	1413.0	-140.9	690.6	-6.3%	32.8%	36507.2	36365.5	34432.4	-141.7	1933.1	-0.4%	5.3%	15.6%	233602.7	233569.3	33.4	0.0%	
	2107: ASSESSMENT MANAGEMENT	6.3.3	393.9	398.0	889.0	4.1	-491.0	1.0%	-123.4%	43965.3	43965.3	44459.3	0.0	-494.0	0.0%	-1.1%	23.7%	185276.2	185386.5	-110.3	-0.1%	
	2110: ENVIR. ANAL. CHEM. FACILITY	6.3.5	511.0	511.0	291.2	0.0	219.8	0.0%	43.0%	5834.7	5834.7	5436.0	0.0	398.7	0.0%	6.8%	15.1%	38519.8	38520.4	-0.6	0.0%	
	2120: Lapre II Remediation	6.2.2	0.0	0.0	0.0	0.0	0.0	0.0%	0.0%	68.0	68.0	68.0	0.0	0.0	0.0%	0.0%	100.0%	68.0	68.0	0.0	0.0%	
	2134: TA-3 SM-35	6.2.10	0.0	0.0	0.0	0.0	0.0	0.0%	0.0%	0.0	0.0	0.0	0.0	0.0	0.0%	0.0%	0.0%	0.0	0.0	0.0	0.0%	
	2135: TA-33 BLDG 86	6.2.9	0.0	0.0	0.0	0.0	0.0	0.0%	0.0%	0.0	0.0	0.0	0.0	0.0	0.0%	0.0%	0.0%	11465.5	11465.5	0.0	0.0%	
	2136: TA-16 HE SITE	6.2.8	0.0	0.0	0.0	0.0	0.0	0.0%	0.0%	0.0	0.0	0.0	0.0	0.0	0.0%	0.0%	0.0%	55948.5	55948.5	0.0	0.0%	
	2137: TECH SUP	6.7.4	0.0	0.0	0.0	0.0	0.0	0.0%	0.0%	0.0	0.0	0.0	0.0	0.0	0.0%	0.0%	0.0%	0.0	0.0	0.0	0.0%	
	2138: S&M	6.4.3	0.0	0.0	0.0	0.0	0.0	0.0%	0.0%	0.0	0.0	0.0	0.0	0.0	0.0%	0.0%	0.0%	0.0	0.0	0.0	0.0%	
	Early: D&D PROJECTS	6.2.0	0.0	0.0	0.0	0.0	0.0	0.0%	0.0%	5662.5	5662.5	5662.5	0.0	0.0	0.0%	0.0%	100.0%	5662.5	5662.5	0.0	0.0%	
COST OF MONEY		0.0	0.0	0.0					0.0	0.0	0.0											
GEN AND ADMIN																						
UNDISTRIBUTED BUDGET																						
SUBTOTAL		11711.6	8193.3	8584.6	-3518.3	-391.3	-30.0%	-4.8%	209567.9	204051.0	200771.8	-5517.0	3279.1	-2.6%	1.6%	14.1%	1442402.2	1442669.0	-266.8	0.0%		
MGMT RESERVE/CONTINGENCY																	44136.0	44136.0	0.0			
TOTAL		11711.6	8193.3	8584.6	-3518.3	-391.3			209567.9	204051.0	200771.8	-5517.0	3279.1			13.7%	1486538.2	1486805.0	-266.8	0.0%		
RECONCILIATION TO CONTRACT BUDGET BASELINE																						
VARIANCE ADJUSTMENT																						
TOTAL CONTRACT VARIANCE																						
(ALL ITEMS IN 1000)																						

# **SECTION 4**

# **COST PLAN REPORT**

LOS ALAMOS NATIONAL LABORATORY  
 ENVIRONMENTAL RESTORATION  
 FY 1994 COST PLAN (\$K)

PROJECT NAME: LOS ALAMOS NATIONAL LABORATORY																	SUBMITTED BY: T. BACA					CONTRACTOR RESPONSIBLE: UNIVERSITY of CALIFORNIA				
DATE: 20-Jun-94																	REPORTING LEVEL: ADS					CURRENT PERIOD THROUGH: 30 JUNE, 1994				
TASK	PRIOR	PLANNED DOLLARS (\$K)														BUDGET	FIVE YEAR PLAN WINDOW					ESTIMATE	BAC			
	FY's	CURRENT FISCAL YEAR: 1994														YEAR	FY96	FY97	FY98	FY99	FY00	TO				
TOTAL	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	TOTAL	FY95	FY96	FY97	FY98	FY99	FY00	COMPLETE						
1049 Canyons Assessment	840	229	218	201	205	201	294	-1,078	112	117	107	123	112	844	1,923	4,710	5,478	3,732	4,043	6,836	48,679	77,085				
1050B S&M CMR WING NINE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
1051 DP MGMT	2,365	135	128	114	135	128	155	332	666	563	183	209	191	2,938	1,309	1,483	1,418	1,690	1,267	1,311	7,951	21,732				
1051B NON-DP	258	19	18	16	19	18	21	58	28	6	6	7	7	222	0	0	0	0	0	0	0	480				
1053A LAPRE II ASMT	96	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	96				
1054 P.S. PIT D&D	282	351	333	298	351	333	404	-1,433	651	299	77	78	104	1,847	1,790	1,981	671	0	0	0	0	6,571				
1055 3&4 South Remed	722	616	585	523	616	590	737	-2,217	378	448	449	517	450	3,690	2,533	3,572	0	0	0	0	48,917	59,435				
1062 Interim Rem Assessment	1,719	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,719				
1063 Interim Rem UST's	1,340	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,340				
1066 NEPA Documentation	408	4	20	41	33	31	38	23	70	56	31	69	12	428	315	268	366	146	0	0	0	1,932				
1067 RCRA MWSDF	4,352	111	233	297	280	265	320	467	615	534	295	269	239	3,925	4,087	2,463	1,943	20,078	3,251	0	0	40,099				
1070 S&M TA-21 3&4 SOUTH	22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	22				
1071 TA-0, 19, 26, 73, 74 Assess	5,303	155	170	252	228	154	902	243	992	1,145	616	678	681	6,215	5,920	8,874	4,089	2,257	2,631	4,539	18,664	58,491				
1078 TA-1 Assessment	3,721	250	264	195	90	100	264	-91	56	411	236	58	67	1,901	1,091	335	786	340	2,218	4,777	1,352	16,521				
1079 TA-10, 31, 32, 45 Assess	3,383	32	31	19	14	29	425	269	645	834	812	964	871	4,945	3,836	1,635	2,422	1,528	7,694	9,628	0	35,071				
1082 TA-11, 13, 16, 24, 25, 28, 37	3,018	155	181	233	225	188	208	-288	263	386	357	369	295	2,572	2,897	3,231	3,922	3,343	2,279	2,604	15,128	38,994				
1085 TA-12, 14, 67 Assessment	483	89	103	68	40	30	18	-181	0	0	0	0	0	167	434	372	542	340	168	0	0	2,506				
1086 TA-15 Assessment	1,404	141	99	26	26	25	132	-102	202	244	135	103	44	1,074	628	750	799	729	734	3,671	3,658	13,448				
1091 TA-16 Burning Ground	31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	31				
1093 TA-18, 27, 65 Assessment	1,775	180	142	149	149	142	373	148	656	278	225	241	221	2,884	1,421	993	1,936	1,091	207	495	297	11,099				
1098 TA-2, 41 Assessment	1,130	120	106	37	26	33	262	-265	290	269	441	646	475	2,440	983	920	632	788	303	648	51,341	59,185				
1100 TA-20, 53, 72 Assessment	1,065	189	79	37	17	38	123	47	121	192	339	311	190	1,684	4,853	476	2,032	2,677	1,713	1,459	6,256	22,215				
1106 TA-21, Assessment	9,435	273	258	170	139	132	156	1,831	473	400	466	936	1,091	6,325	7,972	5,538	5,742	5,330	5,848	7,563	70,115	123,869				
1111 TA-6, 7, 22, 40, 58, 62 Assess	2,567	85	68	81	81	80	316	-38	264	213	194	269	241	1,853	2,859	3,513	1,864	1,766	479	1,098	4,352	20,352				
1114 TA-3, 30, 59, 60, 61, 64 Assess	1,885	48	46	52	72	110	256	-92	531	290	259	515	339	2,428	1,370	3,874	1,024	3,012	3,543	2,507	1,916	21,357				
1122 TA-33, 70 Assessment	3,807	65	66	83	30	13	172	530	533	415	201	154	127	2,391	1,371	1,615	1,337	1,157	1,346	695	1,748	15,465				
1127 TA-35, WST OIL PITS CLSR	1,149	0	0	0	0	0	0	28	3	6	16	24	24	101	130	0	0	0	0	0	0	1,380				
1129 TA-4, 5, 35, 42, 48, 52, 55, 63, 66	4,342	223	262	110	110	36	230	825	330	205	193	210	181	2,916	3,074	3,337	3,178	2,326	402	710	25,869	46,152				
1130 TA-36, 68, 71 Assessment	1,197	300	278	226	84	25	289	-508	35	66	59	111	97	1,063	1,828	379	422	297	1,098	1,710	2,236	10,231				
1132 TA-39 Assessment	1,448	288	224	236	236	224	404	-364	331	349	384	456	340	3,107	1,750	1,407	640	1,113	222	3,466	23,109	36,262				
1135 TA-40, Scrap Deton. Site Clsr	366	0	0	0	0	0	0	35	5	2	1	5	0	48	0	0	0	0	0	0	0	414				
1136 TA-43, Assessment	146	9	9	6	3	5	3	55	9	6	1	1	9	117	120	72	33	247	14	16	0	766				
1140 TA-46, Assessment	1,385	40	38	38	80	91	193	-103	35	24	40	503	595	1,574	2,587	1,395	210	336	1,450	0	10,311					
1144 TA-49, Assessment	2,068	364	89	79	77	40	119	232	455	129	118	90	27	1,820	1,794	934	898	729	635	397	4,121	13,397				
1147 TA-50, Assessment	1,916	265	216	179	48	18	161	-114	36	29	249	1,201	1,196	3,484	3,823	1,646	620	652	1,467	4,942	25,781	44,331				
1148 TA-51, 54, Assess, MDAL	5,496	391	384	459	278	212	1,583	-1,608	368	378	420	479	407	3,752	4,556	4,843	3,476	5,330	4,044	2,686	43,980	78,165				
1150 TA-57 Area L Waste Oil	75	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	75				
1154 TA-57 Assessment	184	22	21	16	13	18	15	86	25	108	58	68	91	539	554	248	88	20	0	0	0	1,633				
1157 TA-8, 9, 23, 69 Assessment	1,626	12	11	12	12	19	327	-118	167	161	193	266	171	1,232	816	241	671	1,410	983	1,251	11,400	19,631				
2105 Tech Support -- Assessment	25,280	1,216	1,150	1,196	1,196	1,136	1,375	-315	2,188	2,246	1,934	2,122	1,860	17,303	13,999	18,222	31,383	14,454	20,596	13,178	79,185	233,600				
2107 Assessment Management	34,383	1,311	1,245	1,311	1,311	1,245	1,507	256	1,002	394	329	379	346	10,637	10,656	11,491	11,574	10,618	12,226	12,089	71,603	185,277				
2110 Analytical Chem. Bld Studies	3,091	468	461	486	486	461	157	-773	487	510	464	533	487	4,227	3,005	4,276	3,313	2,276	3,550	3,475	11,305	38,519				
2120 LAPRE II REMED	68	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	68				
2134 TA-3 SM35 D&D	0	53	50	45	53	50	61	-313	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
2135 TA-33 BLDG 86 D&D	0	52	50	5	92	135	163	-496	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
2136 TA-16 HE SITE D&D	0	331	314	281	331	314	380	-1,951	0	0	0	0	0	0	992	1,419	1,489	3,163	4,252	149	0	11,465				
2137 TECH SUPPORT D&D	0	75	71	64	75	71	86	-441	0	0	0	0	0	0	997	2,760	4,897	10,868	12,846	11,231	12,351	55,949				
2138 S&M FOR D&D	0	126	120	107	126	120	145	-745	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
EARLY D&D PROJECTS	5,659	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5,659				
<b>Total</b>	<b>141,290</b>	<b>8,775</b>	<b>8,143</b>	<b>7,749</b>	<b>7,386</b>	<b>6,859</b>	<b>12,773</b>	<b>-8,165</b>	<b>13,020</b>	<b>11,713</b>	<b>9,888</b>	<b>12,962</b>	<b>11,588</b>	<b>102,692</b>	<b>98,273</b>	<b>99,055</b>	<b>101,081</b>	<b>103,718</b>	<b>100,397</b>	<b>104,582</b>	<b>591,314</b>	<b>1,442,402</b>				
PLAN		8,775	8,143	7,749	7,386	6,859	12,773	-8,165	13,020	11,713	9,888	12,962	11,588	102,692	98,273	99,055	101,081	103,718	100,397	104,582	591,314	1,442,402				
FYTD PLAN		8,775	16,918	24,667	32,053	38,912	51,686	43,521	58,541	68,254	78,142	91,104	102,692	102,692	200,965	300,020	401,102	504,819	605,216	709,798	1,301,112	1,442,402				
MANAGEMENT RESERVE \$																										
CONTINGENCY \$																										
TOTAL																										
CUM TOTAL																										
CARRYOVER \$																										
BUDGET AUTHORITY \$																										

NOTES:  
 The BCP single period adjustment affects Cumulative numbers, including Prior FY's through FY94.  
 The revised contingency numbers are still being evaluated by the Los Alamos National Laboratory

Reviewed by: *[Signature]* 7-12-94

**SECTION 5**  
**MILESTONE REPORT**

**ENVIRONMENTAL RESTORATION PROJECT OFFICE**  
**MILESTONE REPORT (6 Month Window)**  
**STATUS AS OF 30 JUNE 1994**

WBSM	OU / MILESTONE	% COMP.	TARGET START	EARLY FINISH	CURRENT START	EARLY FINISH	ACTUAL START	ACTUAL FINISH
6101012	1049: START RFI WORK PLAN	0.0	10/3/94		10/3/94			
6101012	1049: EPA DRAFT OF RFI WORK PLAN COMPLETE	0.0		5/22/95		6/13/95		
6101012	1049: RFI WORK PLAN COMPLETE	0.0		9/6/95		9/27/95		
6101013	1049: START RFI	0.0	9/7/95		9/28/95			
6302111	1051B: COMPLY W/ CHAPTER 5 OF DOE ORDER 5820.2	100.0	10/1/93		10/1/93		10/1/93	
6302111	1051B: COMPLY W/ CHAPTER 5 OF DOE ORDER 5820.2	0.0	9/30/94	9/29/94	9/30/94	9/29/94		
631 111	1051: COMPLY W/ CHAPTER 5 OF DOE ORDER 5820.2A	0.0		9/30/94		9/30/94		
631 111	1051: COMPLY W/ CHAPTER 5 OF DOE ORDER 5820.2A	0.0		10/2/95		10/2/95		
631 111	1051: COMPLY W/ CHAPTER 5 OF DOE ORDER 5820.2A	0.0		9/30/96		9/30/96		
631 111	1051: COMPLY W/ CHAPTER 5 OF DOE ORDER 5820.2A	0.0		9/30/97		9/30/97		
631 111	1051: COMPLY W/ CHAPTER 5 OF DOE ORDER 5820.2A	0.0		9/30/98		9/30/98		
6202016	1054: BEGIN FINAL PROJECT PLANS & REVIEWS	0.0	9/28/94		10/17/94			
6202020	1054: TA-35 ASSMT END & START REMEDIATION	0.0	12/29/94		1/17/95			
6202020	1054: TA-35 PROJ. CLOSURE & REMEDIATION COMPL	0.0	3/13/97	3/12/97	3/31/97	3/28/97		
6601049	1067: PROJECT COMPLETE	0.0		6/17/99		8/6/99		
6601079	1067: Submit Application to NMED & EPA	0.0		4/3/95		5/9/95		
6601079	1067: Receive NMED & EPA Completeness Rev Cmmts	0.0		9/25/95		11/1/95		
6601079	1067: Receive NOD's From NMED & EPA	0.0		7/23/96		9/5/96		
6601079	1067: Submit Permit Application REV 2	0.0		9/18/96		11/1/96		
6601079	1067: Permit Application REV 2 Complete	0.0		3/27/97		5/9/97		
6601079	1067: RECEIPT OF RCRA PERMIT	0.0		9/23/97		11/6/97		
6106014	1070: Draft TA-10 Phase 1 Sub Sur Report to EPA	0.0		3/21/96		4/15/96		
6104012	1071: RFI WORK PLAN COMPLETE	100.0		6/14/94		6/10/94		6/10/94
6104014	1071: START DEVELOPING RFI REPORT	100.0	4/18/94		4/18/94		4/18/94	
6105014	1078: EPA DRAFT OF HILLSIDE PH1 RPT COMPLETE	0.0		10/21/94		11/23/94		
6105014	1078: START DEVELOPING RFI REPORT	100.0	4/1/94		4/1/94		4/1/94	
6105014	1078: EPA DRAFT; COMPLETION OF RFI	0.0		7/29/97		8/14/97		
6105014	1078: REVISED RFI REPORT COMPLETE	0.0		10/29/97		11/17/97		
6105014	1078: EPA DRAFT OF MESA TOP PH1 RPT COMPLETE	0.0		4/10/96		4/26/96		
6105014	1078: FINAL MESA TOP PH1 RPT COMPLETE	0.0		6/24/96		7/11/96		
6105015	1078: START DEVELOPMENT OF CMS PLAN	0.0	7/30/97		8/15/97			
6105015	1078: EPA DRAFT OF CMS PLAN COMPLETE	0.0		3/3/98		3/19/98		
6105015	1078: EPA APPROVED CMS PLAN	0.0		6/23/98		7/10/98		
6105016	1078: START BENCH / PILOT STUDIES	0.0	6/24/98		7/13/98			
6105016	1078: START CORRECTIVE MEASURES ASSESSMENT	0.0	6/24/98		7/13/98			
6105016	1078: CORRECTIVE MEASURES ASSESSMENT COMPL	0.0		12/23/98		1/13/99		
6105017	1078: START DEVELOPMENT OF CMS REPORT	0.0	12/24/98		1/14/99			
6105017	1078: EPA DRAFT; COMPLETION OF CMS	0.0		7/20/99		8/5/99		
6105017	1078: ASSESSMENT COMPLETE	0.0		10/20/99		11/5/99		
6105017	1078: REVISED CMS REPORT COMPLETE	0.0		10/20/99		11/5/99		
6105023	1078: START CORRECTIVE MEASURES IMPLEMENTATI	0.0	10/21/99		11/8/99			

**ENVIRONMENTAL RESTORATION PROJECT OFFICE**  
**MILESTONE REPORT (6 Month Window)**  
**STATUS AS OF 30 JUNE 1994**

WBSM	OU / MILESTONE	% COMP.	TARGET START	EARLY FINISH	CURRENT START	EARLY FINISH	ACTUAL START	ACTUAL FINISH
6105023	1078: CORRECTIVE MEASURES IMPLEMENTATION CM	0.0		6/1/00		6/19/00		
6106012	1079: Draft TA-10 Phase 2 Surface W/P to EPA	0.0		8/13/96		8/15/96		
6106012	1079: Draft TA-10 Phase 2 Sub/S Work Plan to EPA	0.0		11/6/96		12/4/96		
6106012	1079: Draft TA-31 Phase 2 Work Plan to EPA	0.0		11/29/95		1/29/96		
6106012	1079: Draft TA-32 Phase 2 Work Plan to EPA	0.0		11/29/95		1/29/96		
6106012	1079: Draft TA-45 Phase 2 Work Plan to EPA	0.0		11/29/95		1/29/96		
6106012	1079: TA-10 PH2 Surf Work Plan APP BY EPA	0.0		1/8/97		1/7/97		
6106012	1079: TA-10 PH2 Sub-Surf Work Plan APP BY EPA	0.0		4/3/97		4/23/97		
6106012	1079: TA-31 PH2 Work Plan APP BY EPA	0.0		4/22/96		6/12/96		
6106012	1079: TA-32 PH2 Work Plan APP BY EPA	0.0		4/22/96		6/12/96		
6106012	1079: Issue TA-45 PH2 Work Plan	0.0		4/22/96		6/12/96		
6106013	1079: Notify EPA of TA-10 Surf FLD Work	100.0	4/27/94		4/27/94		4/27/94	
6106013	1079: TA-10 PH1 SURF FLD Work Cmpl	0.0		8/8/95		8/15/95		
6106013	1079: TA-10 PH1 Sub-Surf FLD Work Cmpl	0.0		11/1/95		12/4/95		
6106013	1079: TA-31 PH1 FLD Work Cmpl	0.0		11/18/94		1/26/95		
6106013	1079: TA-32 PH1 FLD Work Cmpl	0.0		11/18/94		1/26/95		
6106013	1079: TA-45 PH1 Surf FLD Work Cmpl	0.0		5/2/94		7/1/94		
6106013	1079: TA-45 PH1 Sub-Surf FLD Work Cmpl	0.0		11/18/94		1/26/95		
6106013	1079: Notify EPA of TA-10 PH2 Surf FLD WK	0.0	4/21/97		4/18/97			
6106013	1079: TA-10 PH2 Surf FLD Work Cmpl	0.0		7/31/98		7/27/98		
6106013	1079: Notify EPA of TA-10 PH2 Sub-Surf	0.0	7/15/97		8/4/97			
6106013	1079: TA-10 PH2 Sub-SURF FLD Work Cmpl	0.0		12/2/98		12/17/98		
6106013	1079: Notify EPA of TA-31 PH2 FLD	0.0	9/6/96		10/29/96			
6106013	1079: TA-31 PH2 FLD Work Cmpl	0.0		12/17/97		2/6/98		
6106013	1079: Notify EPA of TA-32 PH2 FLD Work	0.0	8/1/96		9/23/96			
6106013	1079: TA-32 PH2 FLD Work Cmpl	0.0		11/7/97		12/31/97		
6106013	1079: Notify EPA of TA-45 PH2 FLD	0.0		7/31/96		9/20/96		
6106013	1079: TA-45 PH2 FLD Work Cmpl	0.0		11/10/97		1/2/98		
6106014	1079: Draft TA-10 Phase 1 Surface Report to EPA	0.0		12/19/95		12/28/95		
6106014	1079: Draft TA-31 Phase 1 Phase RPT to EPA	0.0		4/10/95		6/5/95		
6106014	1079: Draft TA-32 Phase 1 Phase Report to EPA	0.0		4/10/95		6/5/95		
6106014	1079: Draft TA-45 PH 1 Surface Report to EPA	0.0		8/10/94		10/12/94		
6106014	1079: Draft TA-45 PH 1 Sub-Surface Report to EPA	0.0		4/10/95		6/5/95		
6106014	1079: Draft Ta-10 Phase 2 Surface PH RPT to EPA	0.0		12/7/98		12/1/98		
6106014	1079: Draft TA-10 PH 2 Sub S Phase RPT to EPA	0.0		4/19/99		4/29/99		
6106014	1079: Draft TA-31 Phase 2 Phase Report to EPA	0.0		5/4/98		6/16/98		
6106014	1079: Draft TA-32 PH 2 Phase Report to EPA	0.0		3/30/98		5/11/98		
6106014	1079: Draft TA-45 Phase 2 Phase Report to EPA	0.0		3/31/98		5/12/98		
6106014	1079: Draft Summary RFI Report to EPA	0.0		9/23/99		10/5/99		
6106014	1079: Submit Final TA-10 PH1 Surf PH RPT to EPA	0.0		3/15/96		3/19/96		
6106014	1079: Sub Final TA-10 PH1 Sub-Surf PH RPT to EPA	0.0		6/7/96		7/2/96		

**ENVIRONMENTAL RESTORATION PROJECT OFFICE**  
**MILESTONE REPORT (6 Month Window)**  
**STATUS AS OF 30 JUNE 1994**

WBSM	OU / MILESTONE	% COMP.	TARGET START	EARLY FINISH	CURRENT START	EARLY FINISH	ACTUAL START	ACTUAL FINISH
6106014	1079: Submit Final TA-31 PH1 Phase RPT to EPA	0.0		6/27/95		8/22/95		
6106014	1079: Submit Final TA-32 PH1 Phase RPT to EPA	0.0		6/27/95		8/22/95		
6106014	1079: Submit Final TA-45 PH1 Surf PH RPT to EPA	0.0		10/28/94		1/5/95		
6106014	1079: Sub Final TA-45 PH1 Sub-Surf PH RPT to EPA	0.0		6/27/95		8/22/95		
6106014	1079: Submit Final TA-10 PH2 Surf PH RPT to EPA	0.0		3/4/99		2/23/99		
6106014	1079: Sub Final TA-10 PH2 Sub-Surf PH to RPT EPA	0.0		7/7/99		7/19/99		
6106014	1079: Submit Final TA-31 PH2 Phase RPT to EPA	0.0		7/22/98		9/2/98		
6106014	1079: Submit Final TA-32 PH2 Phase RPT to EPA	0.0		6/16/98		7/29/98		
6106014	1079: Submit Final TA-45 PH2 Phase RPT to EPA	0.0		6/17/98		7/30/98		
6106014	1079: Submit Final RFI RPT to EPA	0.0		2/11/00		2/18/00		
6106014	1079: Issue Final Bayo Canyon VCA RPT to EPA	0.0		6/12/95		8/4/95		
6106014	1079: Final TA-32 VCA RPT to EPA	0.0		3/1/95		4/25/95		
6106018	1079: Bayo Canyon VCA RPT Draft to EPA	0.0		4/14/95		6/8/95		
6106018	1079: Former Med Rad Lab VCA RPT Draft to EPA	0.0		12/22/94		2/28/95		
6106018	1079: TA-10 VCA Plan Approved by DOE	100.0		4/18/94		4/18/94		4/18/94
6106018	1079: TA-32 VCA Plan Approved by DOE	0.0		6/28/94		8/29/94		
6107012	1082: EPA DRAFT COMPLETE RFI WP 2	0.0		7/7/94		7/7/94		
6107012	1082: RFI WORK PLAN COMPLETE RFI WP 1	0.0		9/7/94		9/7/94		
6107012	1082: RFI WORK PLAN COMPLETE RFI WP 2	0.0		11/1/95		11/1/95		
6107012	1082: EPA DRAFT COMPLETE RFI WP 3	0.0		7/7/95		6/30/95		
6107012	1082: RFI WORK PLAN COMPLETE RFI WP 3	0.0		10/31/96		10/25/96		
6108012	1085: COMPLETE 2ND DRAFT WP RFI WP	100.0		4/15/94		4/15/94		4/15/94
6108012	1085: RFI WORK PLAN COMPLETE RFI WP	0.0		12/5/94		12/5/94		
6108012	1085: EPA DRAFT COMPLETE RFI WP	100.0		6/17/94		5/23/94		5/23/94
6108013	1085: START RFI FIELD PLANNING RFI PH1	0.0	11/3/94		11/3/94			
6108013	1085: RFI FIELD WORK COMPLETE RFI PH2	0.0		7/3/97		7/3/97		
6108014	1085: TA-12,67 ISSUE EPA DRAFT PH1 RPT	0.0	7/25/96		7/25/96			
6108014	1085: TA-14 ISSUE EPA DRAFT PH1 RPT	0.0	10/11/96		10/11/96			
6108014	1085: TA-12,67 REPORT CMPL PH1 RPT	0.0		9/5/96		9/5/96		
6108014	1085: TA-14 RPT CPL PH1 RPT	0.0		11/25/96		11/25/96		
6108014	1085: START DEVELOPING RFI REPORT PH2 RPT	0.0	11/26/96		11/26/96			
6108014	1085: ISSUE EPA DRAFT RFI RPT	0.0	8/21/97		8/21/97			
6108014	1085: ISSUE FINAL RFI RPT RFI RPT	0.0		6/8/98		6/8/98		
6109012	1086: RFI WORK PLAN COMPLETE	0.0		6/6/94		8/5/94		
6110012	1093: RFI WORK PLAN COMPLETE	100.0		4/4/94		4/4/94		4/4/94
6110013	1093: Readiness Review RFI PH1	100.0		5/2/94		5/6/94		5/6/94
6110013	1093: Readiness Review RFI PH2	0.0		4/21/95		5/17/95		
6110014	1093: Start Developing RFI Report	0.0	8/15/94		7/27/94			
6112012	1100: EPA Draft of RFI WORK PLAN Complete	100.0		5/9/94		5/16/94		5/16/94
6112012	1100: RFI WORK PLAN COMPLETE	0.0		10/21/94		12/16/94		
6112013	1100: START RFI	100.0	3/10/94		3/10/94		3/10/94	

**ENVIRONMENTAL RESTORATION PROJECT OFFICE**  
**MILESTONE REPORT (6 Month Window)**  
**STATUS AS OF 30 JUNE 1994**

WBSM	OU / MILESTONE	% COMP.	TARGET START	EARLY FINISH	CURRENT START	EARLY FINISH	ACTUAL START	ACTUAL FINISH
6112013	1100: RFI FIELD WORK COMPLETE	0.0		6/9/97		7/10/97		
6112014	1100: EPA DRAFT OF PH1 RPT COMPLETE	0.0		6/6/96		10/4/96		
6112014	1100: START DEVELOPING RFI REPORT	0.0	2/21/95		4/21/95			
6112014	1100: EPA DRAFT; COMPLETION OF RFI	0.0		11/4/98		12/9/98		
6112014	1100: REVISED RFI REPORT COMPLETE	0.0		2/11/99		3/16/99		
6112015	1100: START DEVELOPMENT OF CMS PLAN	0.0	11/5/98		12/10/98			
6112015	1100: EPA DRAFT OF CMS PLAN COMPLETE	0.0		6/8/99		7/9/99		
6112015	1100: EPA APPROVED CMS PLAN	0.0		9/29/99		11/1/99		
6112016	1100: CORRECTIVE MEASURES ASSESSMENT COMPL	0.0		9/28/00		10/31/00		
6112017	1100: START DEVELOPMENT OF CMS REPORT	0.0	9/29/00		11/1/00			
6112017	1100: EPA/NMED DRAFT; COMPLETION OF CMS	0.0		4/27/01		5/30/01		
6112017	1100: ASSESSMENT COMPLETE	0.0		7/30/01		8/29/01		
6112017	1100: REVISED CMS REPORT COMPLETE	0.0		7/30/01		8/29/01		
6112023	1100: START CORRECTIVE MEASURES IMPLEMENTATI	0.0	7/31/01		8/30/01			
6112023	1100: CORRECTIVE MEASURES IMPLEMENTATION CM	0.0		7/30/02		8/29/02		
6112023	1100: Closure Plan NE NW Impoundments Complete	0.0		6/23/94		8/11/94		
6112023	1100: START CLOSURE IMPLEMENTATION NE NW IMP	0.0	6/24/94		8/12/94			
6112023	1100: CLOSURE IMPLEMENTATION COMPLETE NE NW	0.0		5/16/95		6/27/95		
6112023	1100: START CLOSURE REPORT/CERT NE NW IMPDS	0.0	5/17/95		6/28/95			
6112023	1100: CLOSURE REPORT/CERT NE NW IMPD COMPLE	0.0		5/23/96		7/5/96		
6112028	1100: START VCA SOILS REMEDIATION	0.0	6/9/99		7/12/99			
6112028	1100: VCA SOILS REMEDIATION COMPLETE	0.0		6/7/00		7/10/00		
6113028	1106: VCA SOILS REMEDIATION COMPLETE	0.0		9/29/10		7/15/11		
6113028	1106: PROJECT COMPLETE	0.0		9/29/10		7/15/11		
6114012	1111: RFI WORK PLAN COMPLETE RFI WP	0.0		7/5/94		7/22/94		
6115012	1114: Draft Work Plan 1 Phase 2 to EPA	0.0		6/17/96		8/1/96		
6115012	1114: Final Work Plan #1 Phase 1 Approved by EPA	0.0		6/21/94		8/5/94		
6115012	1114: Final Work Plan 1 Phase 2 Approved by EPA	0.0		11/7/96		12/30/96		
6115013	1114: Notify EPA WP1 PH1 Field Work	100.0	5/23/94		5/23/94		5/23/94	
6115013	1114: Notify EPA of Work Plan 1 Phase 2 Field Wk	0.0		2/3/97		3/20/97		
6115014	1114: Draft Work Plan 1 Phase 1 Phase RPT to EPA	0.0		8/21/95		10/5/95		
6115014	1114: Submit Final WP#1 PH1 Phase RPT to EPA	0.0		11/8/95		12/29/95		
6115014	1114: Submit Final Work Plan 1 Phase2 RPT to EPA	0.0		11/30/98		1/19/99		
6115018	1114: Notify EPA of VCA Field Work	100.0		3/10/94		3/10/94		3/10/94
6115018	1114: Submit Final VCA RPT TO EPA	0.0		10/12/94		12/13/94		
6115018	1114: Submit Final VCAs 1-1 Report to EPA	0.0		9/5/96		10/22/96		
6115018	1114: Submit Final VCAs 1-2 Report to EPA	0.0		7/19/99		9/1/99		
6115018	1114: Draft VCA 1-2 Report to EPA	0.0		7/19/99		9/1/99		
6116012	1122: RFI WORK PLAN COMPLETE RFI WP	0.0		8/15/94		9/9/94		
6116014	1122: EPA DRAFT OF PH1 RPT COMPLETE	0.0		12/20/95		12/12/95		
6116014	1122: START DEVELOPING RFI REPORT	100.0	7/22/94		6/30/94		6/30/94	

**ENVIRONMENTAL RESTORATION PROJECT OFFICE**  
**MILESTONE REPORT (6 Month Window)**  
**STATUS AS OF 30 JUNE 1994**

WBSM	OU / MILESTONE	% COMP.	TARGET START	EARLY FINISH	CURRENT START	EARLY FINISH	ACTUAL START	ACTUAL FINISH
6116014	1122: EPA DRAFT; COMPLETION OF RFI	0.0		10/30/97		10/27/97		
6116014	1122: REVISED RFI REPORT COMPLETE	0.0		2/11/98		2/3/98		
6116015	1122: START DEVELOPMENT OF CMS PLAN	0.0	10/31/97		10/28/97			
6116015	1122: EPA DRAFT OF CMS PLAN COMPLETE	0.0		6/8/98		5/29/98		
6116015	1122: EPA APPROVED CMS PLAN	0.0		9/29/98		9/21/98		
6116016	1122: START BENCH / PILOT STUDIES	100.0	5/2/94		5/2/94		5/2/94	
6116016	1122: START CMS FIELD STUDY	0.0	10/21/98		10/1/98			
6116016	1122: CMS FIELD STUDY COMPLETE	0.0		10/20/98		9/30/98		
6116017	1122: START DEVELOPMENT OF CMS REPORT	0.0	10/21/98		10/1/98			
6116017	1122: EPA DRAFT; COMPLETION OF CMS	0.0		5/21/99		4/29/99		
6116017	1122: ASSESSMENT COMPLETE	0.0		8/23/99		7/30/99		
6116017	1122: REVISED CMS REPORT COMPLETE	0.0		8/23/99		7/30/99		
6116023	1122: CORRECTIVE MEASURES IMPLEMENTATION CO	0.0		10/8/03		9/30/03		
6116023	1122: PROJECT COMPLETE	0.0		10/8/03		9/30/03		
6118011	1129: START FY94 ACTIVITIES	100.0	5/2/94		5/2/94		5/2/94	
6118012	1129: RFI WORK PLAN COMPLETE	0.0		7/22/94		7/11/94		
6118013	1129: ALL DATA IN FIMAD TA-48 RFI PH1	0.0		5/27/94		7/5/94		
6118013	1129: SPTL & ANL DATA TA-4 & 5 RFI PH1	0.0		10/19/95		7/28/95		
6118013	1129: SPTL & ANL DATA TA-35 RFI PH1	0.0		10/27/94		10/26/94		
6118013	1129: RECV SPTL & ANL DATA TA-48 RFI PH1	0.0		5/27/94		7/5/94		
6118013	1129: SPTL & ANL DATA TA-52 55 63 RFI PH1	0.0		8/21/95		5/31/95		
6118013	1129: SURV ACT PTS TA-35 COMPLETE RFI PH1	0.0		1/18/95		10/21/94		
6118013	1129: RFI FIELD WORK COMPLETE	0.0		4/22/97		1/30/97		
6118014	1129: ISSUE 2ND QUARTER RPT FY94 PH1 RPT	100.0		4/1/94		4/1/94		4/1/94
6118014	1129: ISSUE 3RD QUARTER RPT FY94 PH1 RPT	100.0		6/30/94		6/30/94		6/30/94
6118014	1129: ISSUE 4TH QUARTER RPT FY94 PH1 RPT	0.0		9/30/94		9/30/94		
6118014	1129: REVISED RFI REPORT COMPLETE	0.0		8/25/98		6/4/98		
6118014	1129: EPA DRAFT OF PH1 RPT CMPL TA-4 & 5	0.0		7/25/96		5/3/96		
6118014	1129: EPA DRAFT OF PH1 RPT CMPL TA-35	0.0		8/3/95		8/2/95		
6118014	1129: EPA DRAFT OF PH1 RPT CMPL TA-48	0.0		3/7/95		4/6/95		
6118014	1129: EPA DRAFT OF PH1 RPT CMPL TA-52 55 63	0.0		5/28/96		3/7/96		
6118014	1129: EPA APPROVE PH2 SAP TA-4 & 5 PH2 SAP	0.0		8/28/96		6/7/96		
6118014	1129: EPA APPROVE PH2 SAP TA-35 PH2 SAP	0.0		9/7/95		9/6/95		
6118014	1129: EPA APPROVE PH2 SAP TA-48 PH2 SAP	0.0		4/10/95		5/10/95		
6118014	1129: EPA APPROVE PH2 SAP TA-52 PH2 SAP	0.0		7/1/96		4/10/96		
6118014	1129: START DEVELOPING RFI REPORT	0.0	10/28/94		10/27/94			
6118014	1129: EPA DRAFT; COMPLETION OF RFI	0.0		5/26/98		3/5/98		
6118014	1129: REVISED RFI REPORT COMPLETE	0.0		8/25/98		6/4/98		
6118015	1129: EPA DRAFT OF CMS PLAN COMPLETE	0.0		12/23/98		9/29/98		
6118015	1129: EPA APPROVED CMS PLAN	0.0		4/20/99		1/28/99		
6118015	1129: START DEVELOPMENT OF CMS PLAN	0.0	5/27/98		3/6/98			

**ENVIRONMENTAL RESTORATION PROJECT OFFICE**  
**MILESTONE REPORT (6 Month Window)**  
**STATUS AS OF 30 JUNE 1994**

WBSM	OU / MILESTONE	% COMP.	TARGET START	EARLY FINISH	CURRENT START	EARLY FINISH	ACTUAL START	ACTUAL FINISH
6118015	1129: EPA APPROVED CMS PLAN	0.0		4/20/99		1/28/99		
6118016	1129: CMS FIELD STUDY COMPLETE	0.0		4/19/00		1/28/00		
6118016	1129: START CMS FIELD STUDY	0.0	4/21/99		1/29/99			
6118017	1129: START DEVELOPMENT OF CMS REPORT	0.0	4/20/00		1/31/00			
6118017	1129: EPA DRAFT; COMPLETION OF CMS	0.0		11/9/00		8/18/00		
6118017	1129: ASSESSMENT COMPLETE	0.0		3/5/01		12/7/00		
6118017	1129: REVISED CMS REPORT COMPLETE	0.0		3/5/01		12/7/00		
6119012	1130: RFI WORK PLAN COMPLETE	100.0		3/7/94		3/7/94		3/7/94
6119013	1130: RFI FIELD WORK COMPLETE	0.0		2/12/98		3/31/98		
6119013	1130: Readiness Review Complete RFI PH1	100.0		5/2/94		5/6/94		5/6/94
6119013	1130: Readiness Review Complete RFI PH1	0.0		5/4/95		6/20/95		
6119013	1130: Readiness Review Complete RFI PH2	0.0		6/25/96		8/9/96		
6119014	1130: EPA DRAFT OF PH1 RPT COMPLETE	0.0		12/9/96		1/28/97		
6119014	1130: EPA DRAFT; COMPLETION OF RFI	0.0		3/18/99		5/3/99		
6119014	1130: REVISED RFI REPORT COMPLETE	0.0		6/17/99		8/3/99		
6119014	1130: START DEVELOPING RFI REPORT	0.0	10/24/94		12/12/94			
6119015	1130: START DEVELOPMENT OF CMS PLAN	0.0	3/19/99		5/4/99			
6119015	1130: EPA DRAFT OF CMS PLAN COMPLETE	0.0		10/13/99		12/1/99		
6119015	1130: EPA APPROVED CMS PLAN	0.0		2/10/00		3/28/00		
6119015	1130: START DEVELOPMENT OF CMS PLAN	0.0	3/19/99		5/4/99			
6119016	1130: START CORRECTIVE MEASURES ASSESSMENT	0.0	10/1/97		12/5/97			
6119016	1130: CORRECTIVE MEASURES ASSESSMENT COMPL	0.0		2/9/01		3/28/01		
6119017	1130: START DEVELOPMENT OF CMS REPORT	0.0	2/12/01		3/29/01			
6119017	1130: EPA DRAFT; COMPLETION OF CMS	0.0		8/31/01		10/18/01		
6119017	1130: ASSESSMENT COMPLETE	0.0		12/6/01		1/25/02		
6119017	1130: REVISED CMS REPORT COMPLETE	0.0		12/6/01		1/25/02		
6119023	1130: CORRECTIVE MEASURES IMPLEMENTATION CM	0.0		11/4/02		12/23/02		
6119023	1130: PROJECT COMPLETE	0.0		11/4/02		12/23/02		
6119028	1130: VCA SOILS REMEDIATION COMPLETE	0.0		12/6/01		1/25/02		
6120012	1132: RFI Work Plan Complete	100.0		5/17/94		5/2/94		5/2/94
6120013	1132: Readiness Review COMPLETE PH1	100.0		5/2/94		5/5/94		5/5/94
6120013	1132: Readiness Review COMPLETE PH1	0.0		5/2/95		11/3/95		
6120013	1132: Readiness Review COMPLETE PH2	0.0		3/27/96		1/10/97		
6120013	1132: RFI FIELD WORK COMPLETE	0.0		3/28/97		2/17/98		
6120014	1132: START DEVELOPING RFI REPORT	100.0	3/15/94		3/15/94		3/15/94	
6120014	1132: EPA DRAFT OF PH1 RPT COMPLETE	0.0		9/27/96		7/16/97		
6120014	1132: EPA DRAFT; COMPLETION OF RFI	0.0		4/30/98		3/22/99		
6120014	1132: REVISED RFI REPORT COMPLETE	0.0		7/31/98		6/21/99		
6120015	1132: START DEVELOPMENT OF CMS PLAN	0.0	5/1/98		3/23/99			
6120015	1132: EPA DRAFT OF CMS PLAN COMPLETE	0.0		11/30/98		10/15/99		
6120015	1132: EPA APPROVED CMS PLAN	0.0		3/26/99		2/14/00		

**ENVIRONMENTAL RESTORATION PROJECT OFFICE**  
**MILESTONE REPORT (6 Month Window)**  
**STATUS AS OF 30 JUNE 1994**

WBSM	OU / MILESTONE	% COMP.	TARGET START	EARLY FINISH	CURRENT START	EARLY FINISH	ACTUAL START	ACTUAL FINISH
6120016	1132: START CORRECTIVE MEASURES ASSESSMENT	0.0	3/29/99		2/15/00			
6120016	1132: CORRECTIVE MEASURES ASSESSMENT COMPL	0.0		3/27/00		2/13/01		
6120017	1132: START DEVELOPMENT OF CMS REPORT	0.0	3/28/00		2/14/01			
6120017	1132: EPA DRAFT; COMPLETION OF CMS	0.0		10/17/00		9/5/01		
6120017	1132: ASSESSMENT COMPLETE	0.0		1/24/01		12/10/01		
6120017	1132: REVISED CMS REPORT COMPLETE	0.0		1/24/01		12/10/01		
6120023	1132: START CORRECTIVE MEASURES IMPLEMENTATI	0.0	1/25/01		12/11/01			
6120023	1132: CORRECTIVE MEASURES IMPLEMENTATION CO	0.0		1/23/03		12/9/03		
6121013	1135:TA-40 NMED REV OF CLOSURE PLAN AMENDMEN	100.0	5/2/94		5/2/94		5/2/94	
6121014	1135:TA-40 CLOSURE IMPLEMENTATION COMPLETE	0.0		8/25/94		10/27/94		
6121014	1135:TA-40 START CLOSURE REPORT	0.0	8/12/94		10/14/94			
6121014	1135:TA-40 CLOSURE CERTIFICATION AND REPORT	0.0		9/30/94		12/6/94		
6121014	1135:TA-40 CLOSURE IMPLEMENTATION COMPLETE	0.0		8/25/94		10/27/94		
6121014	1135:TA-40 START CLOSURE REPORT	0.0	8/12/94		10/14/94			
6122012	1136: EPA DRAFT OF RFI WORK PLAN COMPLETE	100.0	6/13/94		5/23/94		5/23/94	
6122012	1136: RFI WORK PLAN COMPLETE	0.0		11/2/94		10/25/94		
6123012	1140: RFI WORK PLAN COMPLETE	0.0		9/29/94		10/13/94		
6123013	1140: RFI FIELD WORK COMPLETE	0.0		1/23/97		1/17/97		
6123014	1140: EPA DRAFT OF PH1 RPT COMPLETE	0.0		9/30/96		9/25/96		
6123014	1140: START DEVELOPING RFI REPORT	0.0	10/2/95		9/26/95			
6123014	1140: EPA DRAFT; COMPLETION OF RFI	0.0		3/3/98		2/20/98		
6123014	1140: REVISED RFI REPORT COMPLETE	0.0		6/2/98		5/21/98		
6123017	1140: ASSESSMENT COMPLETE	0.0		6/2/98		5/21/98		
6125012	1147: RFI WORK PLAN COMPLETE RFI WP	0.0		5/20/94		7/22/94		
6125014	1147: EPA DRAFT OF PH1 RPT COMPLETE	0.0		7/12/95		6/26/95		
6125014	1147: START DEVELOPING RFI REPORT PH1 RPT	0.0	9/19/94		9/20/94			
6126012	1148: EPA DRAFT WKPLN MOD COMPLETE	100.0		5/13/94		6/8/94		6/8/94
6126012	1148: RFI WORK PLAN MODIFICATION COMPLETE	100.0		5/13/94		6/8/94		6/8/94
6126013	1148: RFI FIELD WORK COMPLETE	0.0		6/11/99		10/15/99		
6126014	1148: EPA DRAFT OF PH1 REPORT COMPLETE	0.0		1/30/98		6/4/98		
6126014	1148: START DEVELOPING RFI REPORT	0.0	7/3/97		11/6/97			
6126014	1148: EPA DRAFT; COMPLETION OF RFI	0.0		2/23/00		6/26/00		
6126014	1148: REVISED RFI REPORT COMPLETE	0.0		5/31/00		10/3/00		
6126015	1148: START DEVELOPMENT OF CMS PLAN	0.0	2/24/00		6/27/00			
6126015	1148: EPA DRAFT OF CMS PLAN COMPLETE	0.0		10/31/00		3/13/01		
6126015	1148: EPA APPROVED CMS PLAN	0.0		3/1/01		7/3/01		
6126016	1148: START CORRECTIVE MEASURES ASSESSMENT	0.0	3/2/01		7/5/01			
6126016	1148: CORRECTIVE MEASURES ASSESSMENT COMPL	0.0		3/1/02		7/3/02		
6126017	1148: START DEVELOPMENT OF CMS REPORT	0.0	3/4/02		7/5/02			
6126017	1148: EPA DRAFT; COMPLETION OF CMS	0.0		10/1/02		2/11/03		
6126017	1148: ASSESSMENT COMPLETE	0.0		1/8/03		5/13/03		

**ENVIRONMENTAL RESTORATION PROJECT OFFICE**  
**MILESTONE REPORT (6 Month Window)**  
**STATUS AS OF 30 JUNE 1994**

WBSM	OU / MILESTONE	% COMP.	TARGET START	EARLY FINISH	CURRENT START	EARLY FINISH	ACTUAL START	ACTUAL FINISH
6126017	1148: REVISED CMS REPORT COMPLETE	0.0		1/8/03		5/13/03		
6126023	1148: START CORRECTIVE MEASURES IMPLEMENTATI	0.0	1/9/03		5/14/03			
6126023	1148: CORRECTIVE MEASURES IMPLEMENTATION CM	0.0		1/4/08		5/8/08		
6126023	1148: PROJECT COMPLETE	0.0		1/8/09		5/13/09		
6126028	1148: START VCA SOILS REMEDIATION	0.0	1/9/03		5/14/03			
6126028	1148: VCA SOILS REMEDIATION COMPLETE	0.0		9/30/08		5/12/09		
6127012	1154: NEW MEX/USFW APPROVE REPORT RFI WP NE	0.0		7/13/94		9/12/94		
6127012	1154: EPA DRAFT OF RFI WORK PLAN COMPLETE	100.0		5/23/94		5/23/94		5/23/94
6127012	1154: RFI WORK PLAN COMPLETE	0.0		11/10/94		11/10/94		
6127012	1154: PROJECT COMPLETE	0.0		11/19/97		1/2/98		
6127012	1154: NEW MEX/USFW APPROVE REPORT RFI WP NE	0.0		7/13/94		9/12/94		
6127012	1154: PROJECT COMPLETE	0.0		11/19/97		1/2/98		
6127013	1154: START RFI	100.0	6/8/94		6/8/94		6/8/94	
6127013	1154: READINESS REVIEW PH1 COMPLETE	0.0	6/22/94		7/25/94			
6127013	1154: READINESS REVIEW PH2 COMPLETE	0.0	1/16/95		1/16/95			
6127013	1154: RFI PH1 FIELD WORK COMPLETE RFI PH1	0.0		8/25/94		9/27/94		
6127018	1154: REG. APPRVL OF CHEM WASTE TNK REPORT V	0.0		4/7/95		5/16/95		
6127018	1154: REG. APPROVAL OF CHEM WASTE TANK VCA P	0.0		8/3/94		9/12/94		
6127018	1154: REGULATORY APPROVAL OF LEACH FLD VCA P	0.0		11/4/94		12/9/94		
6128012	1157: RFI WORK PLAN COMPLETE RFI WP	0.0		8/9/94		9/6/94		
6128014	1157: EPA DRAFT OF PH1 RPT COMPLETE	0.0		8/20/96		10/22/96		
6128018	1157: Regulatory Approval VCA Plan MDA M VCA	0.0		9/26/94		9/12/94		
6128018	1157: Regulatory Appr.VCA PLAN TANK/VESSEL VCA	0.0		8/9/94		9/12/94		
6304049	2105: COMPL ELEC DOC & IMAGE DEVELOPMENT	0.0		6/29/94		6/30/94		
6304049	2105: COMPL DALLAS/EPA NETWORK MODS	0.0		9/1/94		9/1/94		
6304049	2105: COMPL ELEC DOC & IMAGE DEVELOPMENT	0.0		6/29/94		6/30/94		
6304099	2105: BUDGET TRACKING 2ND QUARTER REPORT	100.0		4/29/94		5/1/94		5/1/94
6304099	2105: BUDGET TRACKING 3RD QUARTER REPORT	0.0		7/15/94		7/15/94		
6304099	2105: BUDGET TRACKING 4TH QUARTER REPORT	0.0		10/17/94		10/17/94		
6304149	2105: QUARTERLY TECHNICAL SESSIONS	100.0		5/16/94		5/16/94		5/16/94
6304149	2105: QUARTERLY TECHNICAL SESSIONS	0.0		8/15/94		8/15/94		
6304149	2105: QUARTERLY TECHNICAL SESSIONS	0.0		4/29/94		6/30/94		
6303019	2107: 1ST QUARTER REPORT SUBMITTED TO EPA	100.0		3/10/94		3/10/94		3/10/94
6303019	2107: 2ND QUARTER REPORT SUBMITTED TO EPA	100.0		4/29/94		6/23/94		6/23/94
6303019	2107: 3RD QUARTER REPORT SUBMITTED TO EPA	0.0		7/15/94		7/15/94		
6303019	2107: FEB EPA REPORT SUBMITTED FY94	100.0		4/7/94		4/7/94		4/7/94
6303019	2107: MAR EPA REPORT SUBMITTED FY94	100.0		4/28/94		4/28/94		4/28/94
6303019	2107: APR EPA REPORT SUBMITTED FY94	100.0		5/27/94		5/26/94		5/26/94
6303019	2107: MAY EPA REPORT SUBMITTED FY94	100.0		6/27/94		6/16/94		6/16/94
6303019	2107: JUN EPA REPORT SUBMITTED FY94	0.0		7/27/94		7/27/94		
6303019	2107: JUL EPA REPORT SUBMITTED FY94	0.0		8/29/94		8/29/94		

**ENVIRONMENTAL RESTORATION PROJECT OFFICE  
MILESTONE REPORT (6 Month Window)  
STATUS AS OF 30 JUNE 1994**

WBSM	OU / MILESTONE	% COMP.	TARGET START	EARLY FINISH	CURRENT START	EARLY FINISH	ACTUAL START	ACTUAL FINISH
6303019	2107: AUG EPA REPORT SUBMITTED FY94	0.0		9/27/94		9/27/94		
6303019	2107: SEP EPA REPORT SUBMITTED FY94	0.0		10/27/94		10/27/94		
6305019	2110: PROJECT COMPLETE	0.0		9/30/10		7/15/10		

**SECTION 6**  
**BASELINE CHANGE ACTIVITY**  
**LOG/CONTINGENCY AND**  
**MANAGEMENT RESERVE LOG**

**ENVIRONMENTAL RESTORATION PROGRAM OFFICE  
BASELINE CHANGE ACTIVITY LOG**

Installation: **Los Alamos National Laboratory**

PREPARED BY: Jorg Jansen, Program Manager

DATE: June 30, 1994

BCP #	SCP TITLE	DATE INITIATED	STATUS	WBS # - SUBPROJECT TITLE	CHANGE TO: X			BCP APPROVAL AUTHORITY (X)	
					TECH	SCH	COST	LEVEL 2	LEVEL 1
LANL-94-001	FY94 Baseline	4/1/94	2	1.4.2.6 ERMSA	X	X	X	X	X
LANL-94-002	Internal Replan for Supplemental Restoration	5/17/94	1	1.4.2.6 LANL EM/ER		X			
LANL-94-003	ADS 1067	6/1/94	1	1.4.2.6 ADS 1067	X	X	X		
LANL-94-004	Replan for FY94 3M Holdback	6/1/94	1	1.4.2.6 LANL EM/ER	X	X	X		

STATUS KEY: (1) Potential; (2) Los Alamos Approved; (3) ERPO BCCB Review; (4) ERPO BCCB Approved; (5) ERPO BCCB Denied; (6) EM BCCB Review; (7) EM BCCB Approved; (8) EM BCCB Denied; (9) Dropped.

A "x" denotes that a BCP proposes to change the technical, schedule, and/or cost baseline. In addition, a "x" denotes that Level 1 and/or Level 2 BCCB approval is required.

**LOS ALAMOS NATIONAL LABORATORY  
CONTINGENCY AND MANAGEMENT RESERVE LOG  
Environmental Restoration Program Office  
FY94**

PREPARED BY: Paula Kupay DATE: June 30, 1994

BCP #	SUM DEL./DESCRIPTION	DATE SUBMITTED	DATE APPR'D	CHANGE TO MR	MR BALANCE	CHANGE CONTINGENCY	CONTINGENCY BALANCE	CHANGE TO/STATUS*
Original	Baseline Value	10/1/92	10/1/92	0	9,933	0	22,695	New
LANL-ER-94-001	FY94 Rebaseline	3/1/94	5/24/94	-9,933	0	-22,695	0	C/1, 2
LANL-ER-94-002	Supplemental Information	5/17/94	N/A	+4384	4384	+39752	39752	C, 2

\*"T" = A change to the Technical Baseline, "S" = A change to the Schedule Baseline, and "C" = A change to the Cost Baseline  
 Status Key: (1) Pending; (2) Installation approved; (3) ERPO BCCB reviewed; (4) ERPO BCCB approved; (5) ERPO BCCB denied;  
 (6) EM BCCB review; (7) EM BCCB approved; (8) EM BCCB denied; (9) Dropped.

**SECTION 7**  
**RESPONSE TO REPORT**  
**EVALUATION**

**MONTHLY REPORT EVALUATION  
LOS ALAMOS NATIONAL LABORATORY  
MAY 1994**

The Environmental Restoration Project Office (ERPO) has systematically reviewed the **May 1994** Los Alamos National Laboratory (LANL) Monthly Report for completeness, baseline integrity, accuracy, and conformance to guidance. The findings of this review are summarized below. LANL is expected to address the issues listed below in the **June 1994** Monthly Report.

**COMPONENTS OF THE MONTHLY REPORT**

<b>Component</b>	<b>Date Received</b>	<b>Component</b>	<b>Date Received</b>
Signature Sheet	June 24, 1994	Cost Plan @ Subproject Level	June 24, 1994
Response to prior month's evaluation	June 24, 1994	Milestone Report	June 24, 1994
Installation Summary Report	June 24, 1994	BCP, MR and Contingency Log(s)	June 24, 1994
CPR @ Subproject Level	June 24, 1994	PTS Diskettes	June 24, 1994

**COMMENTS:**

The following comments pertain to the Installation Summary Report:

**\*\*In future ISRs please provide more detail as to what is driving the cost & schedule variances (i.e., the schedule variance in ADS 1067 is due to delayed in the receipt of the QA Plan). This will make this a much more useful document. This report should identify current programmatic issues and those items that have significant effects on the ER Program.**

**LANL RESPONSE**

The ISR now includes a section for an executive summary. The format follows the "un-released" draft of the ERPO guidance for reporting.

The following comments pertain to PCS and PTS data:

**\*\*LANL has not adjusted the prior year values in PTS as was done to the PCS data, this is causing a discrepancy in the cum-to-date values for BCWS, BCWP, SV and CV. During the Baseline Validation audit, ERPO agreed with LANL that the prior year**

values would be adjusted in both systems and LANL would reference this adjustment in the narrative section for each ADS. Please modify this data prior to the June report.

**LANL RESPONSE**

The historical information in PTS now matches the PCS history on the Cost Plan document. The "Cumulative-to-Date" numbers for BCWS and BCWP match in the June reports.

**\*\*Per direction from BRMD, all FY94 unobligated balances, and FY94 uncosted obligations projected by LANL were reduced to \$0 prior to submittal to DOE-HQ. If you have any questions relating to this change, please call Tim Harmeson at (505)845-5088. Please complete the "CY Proj'd Cor. Yr-End EstCo" field for all ADSs prior to submittal of the June PTS report. Due to several sites reporting inaccurate or unreasonable projected uncosted and unobligated balances, and the requirement to update these data fields in the March, June, and September PTS reports, BRMD deleted this data in the AL May 1994 submission to HQ. However, further DOE internal discussions have occurred, resulting in a decision to maintain the data in these fields in the future to allow for routine carryover data analysis.**

**LANL RESPONSE**

The "CY Proj'd Cor. Yr-End EstCo" fields are updated in the June report. LANL will continue to update these fields with our best estimates unless otherwise directed.

The following comments pertain to the PCS Milestone Log and the PTS Milestones:

**\*\*ERPO appreciates the shorter version of the Milestone Report. Thank you. Please review this report prior to submittal to ERPO. In ten cases the milestones reflect forecast finish dates in April or May 1994, without an actual finish date. These forecast dates must be modified, or an actual date added. See OU/Milestone "1079: TA-45-PH1 Surf FLD Work Compl" for an example.**

**LANL RESPONSE**

LANL has worked the problem in the milestone report. All ADSs are correct except ADS 2105 (three milestones show 6/30/94 as a Current Date). We expect to have this problem completely corrected by the next report.

**\*\*ADS 1079 - The "TA-45 Phase 1 Surface Field Work Complete" milestone reflects a planned date of 05/02/1994, since this is listed as "Overdue" LANL is expected to provide a revised forecast date. This must be updated prior to submittal of the June PTS Report.**

**LANL RESPONSE**

This date is updated to 7/1/94 in the June report.

**\*\*ADS 1148 - The "RFI Work Plan Modification Complete" and the "EPA Draft Work Plan Modification Complete" are listed as Overdue without any forecast dates. Please update this field and complete the comment section prior to submittal of the June PTS Report.**

**LANL RESPONSE**

The "RFI Work Plan Modification Complete" and the "EPA Draft Work Plan Modification Complete" were completed 6/8/94 for ADS 1148.

The following comment pertains to the Contingency and Management Reserve Log and the Baseline Change Activity Log:

**\*\* Please note that LANL is required to submit Management Reserve and Contingency Log at the installation level only. A separate page is not required and does not add to the report.**

**LANL RESPONSE**

A single page for MR and contingency is included in the June report

The following comments pertain to PTS narratives and the Project Manager's Ratings:

**\*\*In general, the PTS narratives submitted by LANL were lacking substance. ERPO eliminated the requirement to submit VARs based on an agreement with LANL that the PTS narrative would be adequately completed to provide variance analysis. This was not accomplished in this submittal. The Technical Status sections and the Summary Assessment sections of nearly 50% of the ADSs were either left blank or listed as "none at this time." This is unacceptable. Work is being performed and dollars committed, LANL is expected to give a brief description of the activities being performed. As stated previously, each narrative should have, as a minimum, sections 1, 3, 6, and 7 completed. If you have any questions and or need assistance in completing this effort, please call Ray Wood at (505) 845-5688, or Bob Turner at (505) 888-1300.**

**LANL RESPONSE**

The PTS narratives have been improved for the entire program and reviewed by a technical support Project Leader for this month's submission. Technical Status and Summary Assessment sections were also updated on all ADSs.

**\*\*There were several spelling and grammatical errors throughout the PTS narratives. Please proof read this report prior to submittal. PTS now has a spell check function which should help you in this task.**

**LANL RESPONSE**

The spell checker is not working in PTS, however, LANL has reviewed the narratives for spelling errors.

**\*\*ADS 1049 - Please list all Major Accomplishments that have been completed this FY, not just since the rebaseline was incorporated in April.**

**LANL RESPONSE**

The Major Accomplishments section is updated in the current months report with historical information. The May report did include all Major Accomplishments reported in PTS since October 1993.

**\*\*ADS 1066 - Please provide some narrative describing the root cause of the schedule variance which has developed since the rebaseline.**

**LANL RESPONSE**

The rebaseline version of the schedule reflected a scope that did not include mixed waste treatment technologies as part of the Mixed Waste Disposal Facility ADS. Subsequent to the rebaseline, treatment technologies have been required in order to accommodate regulatory compliance issues associated with the requirements of the Land Disposal Restrictions under RCRA. A BCP in FY95 will reflect this new scope. Also review the last LANL RESPONSE concerning ADS 1067.

**\*\*ADS 1122 - This ADS is projecting an 11.4% and \$630K cost variance. This implies a significant problem or issue in need of a corrective action. However, the narrative included in PTS was completely inadequate. The only section that was completed was the Major Accomplishments section. This ADS requires narrative and review, prior to the June PTS Report being submitted.**

**LANL RESPONSE**

The June report includes updates for all seven sections of the PTS narrative for ADS 1122.

**\*\*ADS 1147 - The milestone section lists the RFI Work Plan as being completed in May 1994, since ERPO considers this a major accomplishment, it was added to the Major Accomplishments section of the narrative prior to submittal to DOE-HQ.**

### LANL RESPONSE

So noted.

**\*\*ADS 1054** - This ADS is over 10% and \$175K behind schedule within two months of being rebaselined. This implies a significant problem or issue in need of a corrective action. However, the narrative included in PTS was completely inadequate. The only section that was completed was the Major Accomplishments section. This ADS requires narrative and review, prior to the June PTS Report being submitted.

### LANL RESPONSE

The June report includes updates for all seven sections of the PTS narrative for ADS 1054 and all other LANL ADS projects.

**\*\*ADS 1066:** For the current period, the Technical Support Document shows a variance of -97.6% for schedule and -319.7% for cost. Will this work slippage impact delivery of the EA for DOE review later this year? If so, what is the impact and proposed work-around?

### LANL RESPONSE

Subsequent to the recent technical scope change (reference BCP # LANL-ER-94-003), a new Mixed Waste Disposal Facility Environmental Assessment schedule has been prepared. This new preliminary schedule was submitted to DOE on 5/19/94 and reflects the mixed waste treatment scope. The first predecisional Draft EA to DOE is planned for December 16, 1994.

**\*\*ADS 1067:**

(1) For the current period, all WBS items with the exception of ADS Management show schedule slippage greater than -10% during the month of May '94. Will this slippage have any impact on the delivery of the EA for DOE review later this year? If so, what is the impact and work-around?

(2) Will the slippage impact submittal of the permit application to the State next April? If so, what is the impact and proposed work-around?

### LANL RESPONSE

(1) As discussed with Ted Taylor, Karen Boardman and Ethan Marrill of DOE at the ER/WM Task Force meeting in May 1994, the FY94 baseline does not include waste treatment for the Mixed Waste Disposal Facility (ADS 1067) within its current scope. As a consequence, the EA schedule defined in ADS 1066 does not adequately incorporate waste treatment issues into the EA development and proper integration of the treatment in the EA will delay its schedule. During the ER/WM Task Force meeting, LANL explained that even though treatment had not been formally included

with the scopes for ADSs 1066 & 1067, the MWDF team had developed a proposed waste treatment plan and had selected treatment equipment types as part of that plan. Based on a request from Karen Boardman, LANL agreed to develop a revised schedule for the EA that would integrate waste treatment issues. This proposed schedule defines the EA submittal date to DOE as 16 December 1994. The information necessary to complete the EA draft for the internal LANL review, including information on waste treatment, has been provided to the organization that is preparing the EA. Therefore, the delay in May activities within ADS 1067 will not delay the submittal of the EA.

(2) Delays in ADS 1067 May activities will not result in a delay of the RCRA application submitted to NMED in April. However, DOE and LANL have recently agreed that the submittal to NMED should include integration of the waste water treatment facilities and operations in the RCRA application, which would require a BCP for scope changes to revise the Title I design and permit application to include treatment issues. Because of the time required to go through the BCP process before initiating the necessary design and permit-application revisions, the submittal of the RCRA application to NMED is expected to be delayed approximately three months. This will be defined in detail in the BCP submittal.

From: A. E. Norris  
Subject: NOTES FROM THE DEPARTMENT OF ENERGY'S MONTHLY  
ENVIRONMENTAL RESTORATION STATUS MEETING  
Date: July 13, 1994

## I. Meeting Location

The Department of Energy's monthly status meeting for the Los Alamos National Laboratory's Environmental Restoration Project commenced at 8 a.m. on July 13, 1994, at the Los Alamos Inn. Paul Treat chaired this meeting.

## II. Department of Energy Announcements

### A. Headquarters EM-452

Bill Spurgeon reported that the Fiscal Year 1996 potential funding for decontamination and decommissioning activities, mentioned by Julianne Levings last month, may have gone away. **Action: Jorg Jansen is to prepare a plan by August 10 to emphasize the value of decontamination and decommissioning funding.**

### B. Albuquerque Operations Office

Julianne Levings reviewed the July 7 guidelines for alternate contracting developed by Rich Sena. The Los Alamos presentation on this subject is to be in Albuquerque on August 15. The Fiscal Year 1994 baseline change proposal was returned by Headquarters with some level 1 comments. Changes have been made, and the proposal has been resubmitted. Julianne spoke about the performance measures process. In response to a question from Jorg Jansen, Julianne said that Los Alamos National Laboratory had not participated in the process so far. Recommendations for performance measures are due from Los Alamos by August 15. They are to be given in the format specified by the Department of Energy. **Action: Jorg Jansen should negotiate any changes in the performance measure format with the Los Alamos Area Office and transmit them to Julianne by July 15.**

## III. Action Item Summary

The status of the eight action items from the last monthly meeting was presented in the briefing book for this meeting. Only item #5 (implementation of National Environmental Policy Act provisions in the Environmental Restoration Project) and item #7 (development of a Pantex-type Solid Waste Management Unit book) remained open. **Action: Bill Spurgeon will get information about the possibility of changing the Department of Energy's policy on National Environmental Policy Act implementation for environmental restoration work, to help in closing item #5. Action: Jorg Jansen will see that the action item list is revised shortly after each meeting and distributed to all who are assigned responsibilities for action items.**

#### IV. General Issue

Paul Treat read parts of a letter from William Honker, Environmental Protection Agency, dated June 27, 1994. Mr. Honker expressed "extreme concern" that the Resource Conservation and Recovery Act Field Investigation report schedules do not reflect the prioritization that was negotiated. If schedules are not presented by August 5, the Environmental Protection Agency will set the schedules. Julianne Levings said schedules that included prioritization were presented at the June 22 meeting with the Environmental Protection Agency. Apparently Barbara Driscoll was unable to see the connection between the baseline schedules and the prioritization. **Action: Jorg Jansen will provide Ted Taylor on July 15 with the status of the merged baseline-prioritization schedule.**

#### V. Regulatory Status

David Hickens reviewed the regulatory status sheets distributed in the briefing book. One contentious item is the closure plan for Material Disposal Area P. David said the Laboratory will respond to all administrative comments in the closure plan Notice of Deficiency by the July 21 due date. Extensions of time will be requested to prepare responses concerning the groundwater monitoring plan and an engineered cover design. The Laboratory may propose a groundwater monitoring waiver, rather than the installation of one upstream and three downstream groundwater monitoring wells. Ted Taylor said the Laboratory and the Los Alamos Area Office need to develop a joint position.

Tracy Glatzmaier reported on a July 6 conference telephone call with Barbara Driscoll. Tracy will issue a policy memorandum incorporating the results of the agreements from this telephone call and will transmit parts of the Installation Work Plan Revision 4 to Barbara Driscoll before the full document is sent in November to accelerate the approval and implementation process.

#### VI. Special Topics

##### A. Financial Status

Debbie Chavez said all but \$1.8 million expected from the Albuquerque Operations Office has been received, and all of the funds will be encumbered by September 30. Julianne Levings said Albuquerque is working to get the \$1.8 million into the August financial plan. Paul Treat said there is a possibility of getting an additional \$3 million, but the Laboratory must get the new scope and the assurance that the funds can be encumbered to the Los Alamos Area Office soon, together with a baseline change proposal. Ted Taylor said an additional \$700,000 for the mixed waste disposal facility should not be included in the request.

## B. Reorganization

Jorg Jansen said a two-day workshop held in Santa Fe last month resulted in recommendations for up to nine people total in three types of new positions in the Project Office. Jobs were opened for bids, and Jorg expects to announce the initial results of the selection process by July 15. Bill Spurgeon asked if a deputy project leader was planned, in case Jorg dropped dead. Jorg said he was not planning to drop dead in the near future. He would consider the need for a deputy perhaps in three to six months. Paul Treat asked if the reorganization would result in a reduction in the number of full time equivalent positions. Jorg did not know yet.

## C. Implementation Plan Preparation

Jorg Jansen said a detailed implementation plan was being written, following the guidance given in a memorandum from Rich Sena.

## D. Waste management

Bill Spurgeon stated that mixed waste disposal was a critical item in the Laboratory's environmental restoration project. Inclusion of operational wastes in a potential mixed waste disposal facility might delay progress in meeting the needs of the project. Bill recommended development of a unified position regarding operational wastes by the Laboratory and by Department of Energy offices including Albuquerque. **Action: Jorg Jansen was asked to report by July 15 whether the Laboratory could reach a unified position. If the Laboratory could get a unified position on the inclusion of operational wastes with remediation wastes, could that position be developed by July 21?** Julianne Levings said the proposed mixed waste disposal facility may be included in the advance notice of intent to prepare a site-wide Environmental Impact Statement. Such inclusion could delay construction by several years.

## VII. Technical, Cost, and Schedule Status

Activity Data Sheet 1122. Dave McInroy said the unexpected detection of depleted uranium in berms at TA-33 will result in the need for additional sampling there.

Activity Data Sheet 1114. Remediation of the mercury spill at SM-30 should be complete by late fall. Discussions with the State are continuing concerning the unintended disposal of mixed waste at Pit 37 from this remediation.

Activity Data Sheet 1130. Ted Norris said the start of field work was delayed by a two-month long safety review of activities at a firing site.

Activity Data Sheet 2110. Bob Enz and Larry Souza are organizing a surveillance of analytical chemistry activities.

Activity Data Sheet 1051. An apparent problem with accruals will be resolved by Miguel Salazar and Debbie Chavez.

Activity Data Sheets 1054 and 1055. **Action: Miguel Salazar will be prepared to discuss variances and encumbrances with Paul Treat on July 25.**

Activity Data Sheet 1049. Tracy Glatzmaier said a San Ildefonso Pueblo person has been identified to work with the field team and coordinate activities when sampling occurs on or near pueblo lands.

Activity Data Sheet 1148. **Action: Paul Treat will determine whether the work plan modification submitted by the Laboratory in June has been sent to the Environmental Protection Agency.**

Activity Data Sheet 1154. **Action: Julianne Levings will check on the disposition of the Department of Energy Environmental Checklist that was sent by the Los Alamos Area Office on July 11 to the Albuquerque Operations Office.** A categorical exclusion is needed by August to avoid delay of field work.

**Action: Jorg Jansen will modify the Activity Data Sheet status reports to include more technical information, to change "current" labels to "actual", and to get the text of issues incorporated under the "issues" heading.**

## VIII. Conclusion

The meeting concluded at noon with a review of the ten action items that are listed above in bold type. The customary starting time for this series of meetings was changed from 9 a.m. to 8 a.m. The date for the next meeting is August 10.

## IX. Attendees

Debbie Chavez	Bob Enz	Mike Gilgosch
Tracy Glatzmaier	Ware Hartwell	David Hickens
Jorg Jansen	Bonnie Koch	Julianne Levings
Dave McInroy	Ted Norris	Miguel Salazar
Ken Schenck	Pat Shanley	Lars Soholt
Larry Souza	Bill Spurgeon	Ted Taylor
Paul Treat	Ray Wood	

July 14, 1994

**ACTION ITEMS**

**From the Department of Energy's Monthly Environmental Restoration Status Meeting**

<b>Item No.</b>	<b>Meeting Date</b>	<b>Person Responsible</b>	<b>Action</b>	<b>Due Date</b>	<b>Summary</b>	<b>Status</b>
5	6/8/94	Dave McInroy	Develop paper for a unified LANL/LAAO/ALO position on implementation of the National Environmental Policy Act provisions during RCRA remediation work at Los Alamos.	7/13/94	Being discussed.	Open
5A	7/13/94	Bill Spurgeon	Get information about the possibility of changing the Department of Energy's position.	8/10/94		
7	6/8/94	Dave McInroy	Develop a prototype of a solid waste management unit book (e.g., in the magazine format developed by Pantex).	6/22/94	Being developed, awaiting arrival of Pantex report for use as a model.	Open
9	7/13/94	Jorg Jansen	Prepare a plan to emphasize the value of decontamination and decommissioning funding.	8/10/94		
10	7/13/94	Jorg Jansen	Negotiate any changes in the performance measure format with Los Alamos Area Office and transmit to J. Levings.	7/15/94		

July 14, 1994

**ACTION ITEMS**

From the Department of Energy's Monthly Environmental Restoration Status Meeting

<b>Item No.</b>	<b>Meeting Date</b>	<b>Person Responsible</b>	<b>Action</b>	<b>Due Date</b>	<b>Summary</b>	<b>Status</b>
11	7/13/94	Jorg Jansen	FAX revised action item list after each status meeting to those assigned responsibilities.	8/10/94		
12	7/13/94	Jorg Jansen	Provide Ted Taylor with the status of the merged baseline-prioritization schedule.	7/15/94		
13	7/13/94	Jorg Jansen	Report if Laboratory can reach a unified position on inclusion of operational wastes in mixed waste disposal facility. If yes, can position be decided by July 21?	7/15/94		
14	7/13/94	Miguel Salazar	Discuss variances and encumbrances for ADS 1054 and 1055 with Paul Treat.	7/25/94		
15	7/13/94	Paul Treat	Determine if June ADS 1148 work plan modification has been sent to EPA.	8/10/94		

July 14, 1994

**ACTION ITEMS**

**From the Department of Energy's Monthly Environmental Restoration Status Meeting**

<b>Item No.</b>	<b>Meeting Date</b>	<b>Person Responsible</b>	<b>Action</b>	<b>Due Date</b>	<b>Summary</b>	<b>Status</b>
16	7/13/94	Julianne Levings	Check on progress of ADS 1154 DOE Environmental Checklist sent to AL on July 11.	8/10/94		
17	7/13/94	Jorg Jansen	Modify ADS status reports to include more technical information, to change "current" to "actual," and to get text of issues included.	8/10/94		