



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

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*Barbara Driscoll*  
*Barbara*  
*filed*

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

Dear Ms. Reiter:

Enclosed are two copies of the Environmental Restoration Monthly Report for June 1993 for the Los Alamos National Laboratory. As requested by Ms. Barbara Driscoll of your staff in a meeting on May 13, 1993, portions of the full monthly report have been deleted.

If you have questions, please call me at (505) 665-5027, or ask your staff to call Ted Taylor of my staff at (505) 665-7203.

Sincerely,

Joseph C. Vozella, Chief  
 Environment, Safety and Health Branch

Enclosure

- cc:
- S. Slaten, ESH, LAAO
  - T. Taylor, ESH, LAAO
  - P. Treat, ESH, LAAO
  - K. Schenck, Scientech/LAAO
  - K. Bitner, ERPO, AL, MS A906
  - R. Harris, EM-452, HQ
  - K. Sisneros, NMED (w/ enclosure)
  - J. Shipley, EE-AETO, UC-LANL, MS F643
  - T. Gunderson, EM-DO, UC-LANL, MS K491
  - R. Vocke, EM-13, UC-LANL, MS M992
  - D. Sankey, FIN-18, UC-LANL, MS A107



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 August 23/93

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## CERTIFICATION

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

Document Title:

LANL ER Program Monthly Report for June 1993

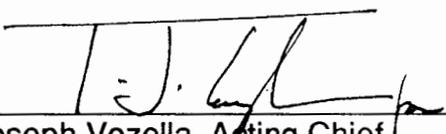
Name:

  
Allen Tiedman  
Associate Director for Operations  
Los Alamos National Laboratory

Date:

July 28, 93

Name:

  
Joseph Vozella, Acting Chief  
Environment, Safety, and Health Branch  
DOE-Los Alamos Area Office

Date:

8-2-93

# **SECTION 1**

# **EXECUTIVE SUMMARY**

**LOS ALAMOS NATIONAL LABORATORY  
ENVIRONMENTAL MANAGEMENT DIVISION  
DECONTAMINATION AND DECOMMISSIONING PROGRAM  
EXECUTIVE SUMMARY FOR PERIOD ENDING JUNE 30, 1993**

**PROGRAM ACCOMPLISHMENTS:**

- Two new Project Leaders on board for D&D

**TECHNICAL STATUS:**

- Waiting for response to NESHAP approval package for TA-21 remediation.

**COST STATUS: FY93 ETC for all active ADS's.**

- ADS 1051: Is under budget by approximately \$355K.
- ADS 1051B: Is under budget by approximately \$263K.
- ADS 1054: Is over budget by approximately \$21K.
- ADS 1055: Is over budget by approximately \$280K.

**SCHEDULE STATUS:**

- ADS's 1051/1051B: Are on schedule.
- ADS 1054: Has a eight month schedule slip because resources early in the year were shifted to facility transition and a new project leader was coming up to speed up the project.
- ADS 1055: Has a eighteen month schedule slip in starting remediation at TA-21 three and four South due to NESHAP permit application. The final NESHAP approval package is submitted to EPA, and no response has been received by LANL.

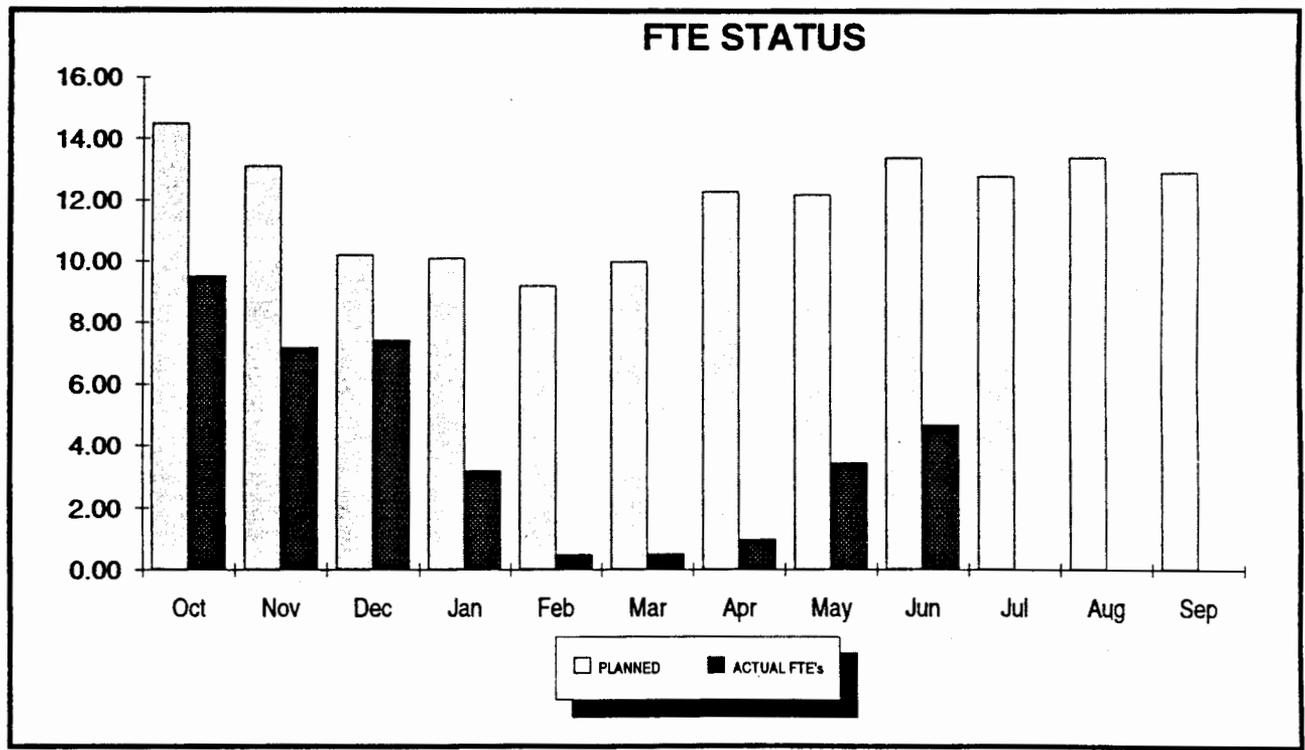
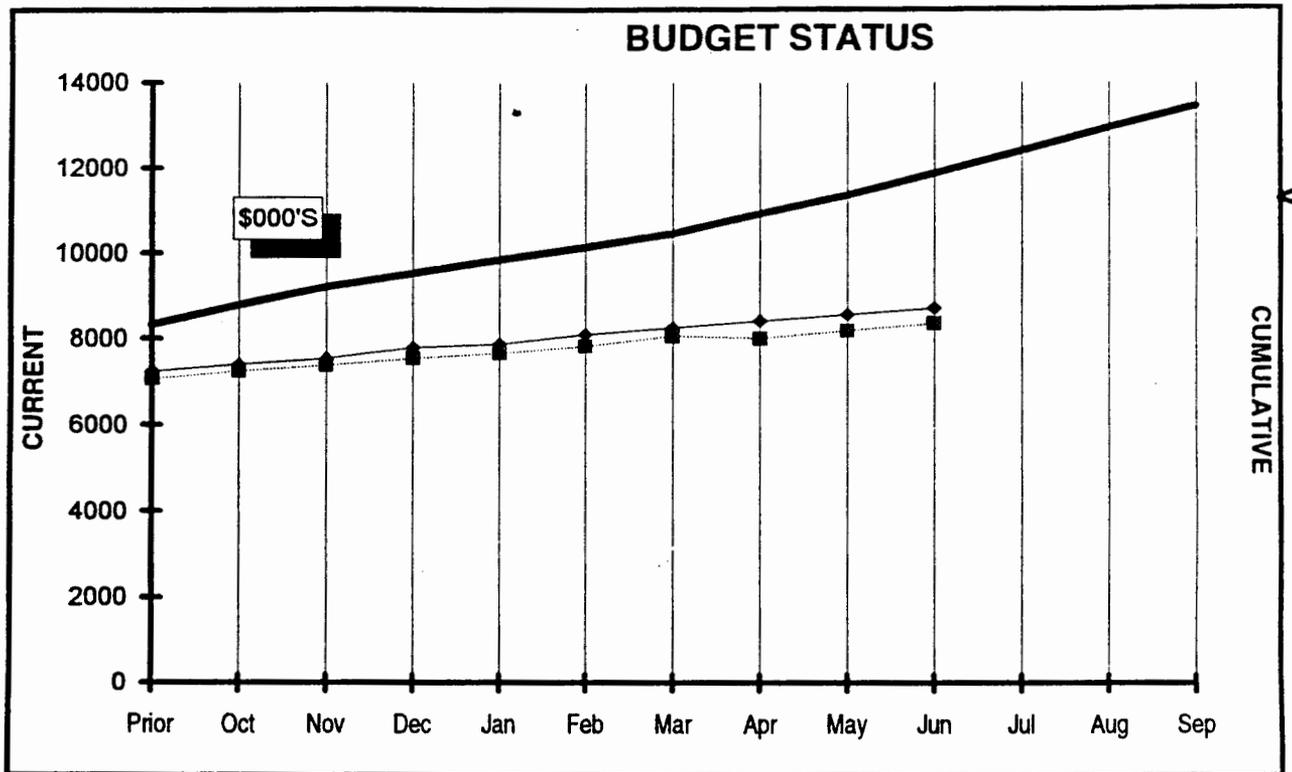
**HQ MILESTONES:**

- ADS 1051/1051B: Are on schedule.
- ADS 1054: The start of remediation has slipped eight months.
- ADS 1055: Finish Assessment/Start Remediation originally planned to occur March 18, 1992. The new estimated date is August 16, 1993. This slip in the planned date is due to a change in technical requirements primarily due to the need to get NESHAP approval from EPA.

**AREAS OF CONCERN:**

- Only \$809.6K of the expected \$1248K carryover is allocated to LANL.
- Creating BCP for fiscal year 1994.

LOS ALAMOS NATIONAL LABORATORY  
 DECONTAMINATION AND DECOMMISSIONING PROGRAM



\* October and November actual FTE's revised to reconcile with actuals for that time period.

LOS ALAMOS NATIONAL LABORATORY  
FISCAL YEAR 1993 COST PLAN (\$K)

Project Name: Decontamination and Decommissioning Program				Submitted By: Robert Vocke					
Date: July 20, 1993				Reporting Level: ADS					Current Period: Period Ending 30 June 93
ADS NO.	ADS TITLE	Program Codes	FY-93 Baseline Budget	FY-93 Fin Plan Alloc	FY-93 YTD Actuals	% BASELINE SPENT	FY-93 Projected Costs	Projected (Over) / Under Run	Comments
1051	DP Facilities Management	M252	1,345.0	1,100.5	757.4	56%	990.0	355.0	Baseline differs from allocation due to \$308K OMB holdback.
1051B	Non-DP Management	M253	390.0	390.0	26.5	7%	126.9	263.1	Projected underrun is committed and approved work scope. It is work scope apportioned with ADS 1054.
1053A	LAPRE II	M250			4.6		4.6	-4.6	FIN Plan allocation is in ADS 1055 instead of 1053A
1054	Phase Separator Pit	M249/M256	1,741.0	1,821.7	182.3	10%	1,761.8	-20.8	
1055	TA-21 DP West Entire Site	M254/M255	1,608.0	2,581.4	277.9	17%	1,328.0	280.0	Projected underrun is committed and approved work scope.
			5,084.0	5,893.6	1,248.6	25%	4,211.3	872.7	
FY-93 BO/BA				5,893.6					
FY-93 Holdback Funds				443.0					
FY-93 Total Projected BO/BA				6,336.6					

# **SECTION 8 ADS MILESTONE LIST**

ALBUQUERQUE OPERATIONS OFFICE  
 ENVIRONMENTAL RESTORATION PROJECT OFFICE  
 MILESTONE REPORT

DATE: 20 July 1993

REPORTING PERIOD: 01 June 93 thru 30 June 93

INSTALLATION NAME: Los Alamos National Laboratory Decontamination & Decommissioning Program

WBS #	OU/ADS/MILESTONE	%COMP.	BAC	PLAN		ESTIMATE		ACTUAL	
		BCWP/BAC	X \$1000	START	STOP	START	STOP	START	STOP
6.2.0	PRE-FY92 D&D PROJECTS								
	FY87-FY90 NON-DP FUNDED D&D PROJECTS	100.0%	\$5,589	1-Oct-86	30-Sep-90			1-Oct-86	1-Oct-92
	FY91 NON-DP FUNDED D&D PROJECTS	100.0%	\$20	25-Sep-87	1-Oct-91			1-Oct-90	1-Jun-92
	FY91 DP FUNDED PROJECTS	100.0%	\$53	25-Sep-87	1-Oct-91			1-Oct-90	1-Jun-92
6.2.1	LAPRE II REACTOR D&D								
	1053: ASSESSMENT (NOT USED)	N/A	\$0	N/A	N/A	N/A	N/A	N/A	N/A
	1053-A: ASSESSMENT	100.0%	\$137	1-Oct-87	30-Oct-91			1-Oct-87	1-Oct-92
	2120: REMEDIATION	100.0%	\$68	1-Feb-91	28-Feb-92			1-Feb-91	1-Oct-92
6.2.2	1054: TA-35 PHASE SEPARATOR PIT D&D								
	ASSESSMENT	29.6%	\$545	3-Sep-92	1-Oct-93				
	REMEDICATION	0.0%	\$5,550	9-Apr-93	30-Sep-94	25-Jan-94	24-Jan-94	3-Sep-92	19-Jul-95
6.2.3	1055: DP WEST SITE D&D								
	TA-21 BUILDINGS 3&4 SOUTH D&D								
	ASSESSMENT	99.7%	\$300	25-Sep-87	1-Apr-93		16-Aug-93	26-Jul-89	
	REMEDICATION	0.4%	\$6,939	18-Mar-92	10-Apr-95		19-Sep-96		
	TA-21 ALL OTHER BUILDINGS D&D								
	ASSESSMENT	0.0%	\$25,561	1-Oct-93	30-Sep-04				
	REMEDICATION	0.0%	\$111,363	1-Oct-93	30-Sep-04				
6.2.4	CMR BUILDING WING ONE D&D (CANCELLED)								
	2111: ASSESSMENT	N/A	\$0	N/A	N/A	N/A	N/A	N/A	N/A
	2124: REMEDIATION	N/A	\$0	N/A	N/A	N/A	N/A	N/A	N/A
6.2.5	CMR BUILDING WING TWO D&D (CANCELLED)								
	2112: ASSESSMENT	N/A	\$0	N/A	N/A	N/A	N/A	N/A	N/A
	2125: REMEDIATION	N/A	\$0	N/A	N/A	N/A	N/A	N/A	N/A
6.2.6	CMR BUILDING WING FOUR D&D (CANCELLED)								
	2113: ASSESSMENT	N/A	\$0	N/A	N/A	N/A	N/A	N/A	N/A
	2126: REMEDIATION	N/A	\$0	N/A	N/A	N/A	N/A	N/A	N/A

ALBUQUERQUE OPERATIONS OFFICE  
 ENVIRONMENTAL RESTORATION PROJECT OFFICE  
 MILESTONE REPORT

DATE: 20 July 1993

REPORTING PERIOD: 01 June 93 thru 30 June 93

INSTALLATION NAME: Los Alamos National Laboratory Decontamination & Decommissioning Program

WBS #	OU/ADS/MILESTONE	%COMP.	BAC	PLAN		ESTIMATE		ACTUAL	
		BCWP/BAC	X \$1000	START	STOP	START	STOP	START	STOP
6.2.7	CMR BUILDING WING NINE D&D (CANCELLED) 1050: ASSESSMENT 2123: REMEDIATION	N/A N/A	\$0 \$0	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A
6.2.8	2136 : TA-16 HE CONTAMINATED SITE D&D ASSESSMENT REMEDATION	0.0% 0.0%	\$890 \$16,048	1-Oct-93 1-Oct-93	2-Nov-94 30-Sep-98				
6.2.9	2135: TA-33 BLDG 33 TRITIUM FACILITY ASSESSMENT REMEDATION	0.0% 0.0%	\$107 \$1,020	1-Oct-93 12-Jan-94	11-Jan-94 5-Aug-94				
6.2.10	2134: TA-3 SM-35 PRESS BUILDING ASSESSMENT REMEDATION	0.0% 0.0%	\$327 \$6,471	1-Oct-93 10-May-94	9-May-94 5-Apr-96				
6.3.1	1051: DEFENSE FACILITIES MANAGEMENT FY 92 PROGRAM MANAGEMENT FY 93 PROGRAM MANAGEMENT FY 94 PROGRAM MANAGEMENT FY 95 PROGRAM MANAGEMENT FY 96 PROGRAM MANAGEMENT FY 97 PROGRAM MANAGEMENT FY 98 PROGRAM MANAGEMENT FY 99 PROGRAM MANAGEMENT FY 00 PROGRAM MANAGEMENT FY 01 PROGRAM MANAGEMENT FY 02 PROGRAM MANAGEMENT FY 03 PROGRAM MANAGEMENT FY 04 PROGRAM MANAGEMENT	100.0% 73.9% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0%	\$1,030 \$1,346 \$1,655 \$1,741 \$1,836 \$1,937 \$2,041 \$2,153 \$2,250 \$2,374 \$2,504 \$2,641 \$2,786	1-Oct-91 1-Oct-92 1-Oct-93 3-Oct-94 2-Oct-95 1-Oct-96 1-Oct-97 1-Oct-98 1-Oct-99 2-Oct-00 1-Oct-01 1-Oct-02 1-Oct-03	30-Sep-92 30-Sep-93 30-Sep-94 29-Sep-95 30-Sep-96 30-Sep-97 30-Sep-98 30-Sep-99 29-Sep-00 28-Sep-01 30-Sep-02 30-Sep-03 30-Sep-04		30-Sep-93	1-Oct-91 1-Oct-92	30-Sep-92

ALBUQUERQUE OPERATIONS OFFICE  
 ENVIRONMENTAL RESTORATION PROJECT OFFICE  
 MILESTONE REPORT

DATE: 20 July 1993

REPORTING PERIOD: 01 June 93 thru 30 June 93

INSTALLATION NAME: Los Alamos National Laboratory Decontamination & Decommissioning Program

WBS #	OU/ADS/MILESTONE	%COMP.	BAC	PLAN		ESTIMATE		ACTUAL	
		BCWP/BAC	X \$1000	START	STOP	START	STOP	START	STOP
6.3.2	1051B: NON-DEFENSE FACILITIES MANAGEMENT								
	FY 93 PROGRAM MANAGEMENT	73.9%	\$391	1-Oct-92	30-Sep-93		30-Sep-93	1-Oct-92	
	FY 94 PROGRAM MANAGEMENT	0.0%	\$227	1-Oct-93	30-Sep-94				
	FY 95 PROGRAM MANAGEMENT	N/A	\$0	N/A	N/A				
6.4.1	1070: DP FACILITIES S&M (FY 91)	100.0%	\$19	1-Oct-90	30-Sep-91			1-Oct-90	1-Sep-92
6.4.2	1050-B: NON-DP FACILITIES S&D (FY 91)	N/A	\$0	1-Oct-90	30-Sep-91			1-Oct-90	30-Sep-91
6.4.3	2138: DP FACILITIES S&M (FY94+)								
	FY 94 S&M	0.0%	\$1,554	1-Oct-93	30-Sep-94				
	FY 95 S&M	0.0%	\$1,633	3-Oct-94	29-Sep-95				
	FY 96 S&M	0.0%	\$1,719	1-Oct-95	30-Sep-96				
	FY 97 S&M	0.0%	\$1,809	1-Oct-96	30-Sep-97				
	FY 98 S&M	0.0%	\$1,904	1-Oct-97	30-Sep-98				
	FY 99 S&M	0.0%	\$2,003	1-Oct-98	30-Sep-99				
	FY 00 S&M	0.0%	\$2,108	1-Oct-99	29-Sep-00				
	FY 01 S&M	0.0%	\$2,218	2-Oct-00	28-Sep-01				
	FY 02 S&M	0.0%	\$2,334	1-Oct-01	30-Sep-02				
	FY 03 S&M	0.0%	\$2,456	1-Oct-02	30-Sep-03				
FY 04 S&M	0.0%	\$2,584	1-Oct-03	30-Sep-04					
6.7.4	2137: D&D PROGRAM TECHNICAL SUPPORT								
	FY 94 TECHNICAL SUPPORT	0.0%	\$919	1-Oct-93	30-Sep-94				
	FY 95 TECHNICAL SUPPORT	0.0%	\$525	2-Oct-94	29-Sep-95				
	FY 96 TECHNICAL SUPPORT	0.0%	\$554	2-Oct-95	30-Sep-96				
	FY 97 TECHNICAL SUPPORT	0.0%	\$584	1-Oct-96	30-Sep-97				
	FY 98 TECHNICAL SUPPORT	0.0%	\$615	1-Oct-97	30-Sep-98				

\$233,436

NOTE:

All Elements are planned and estimated through the entire project lifecycle except for the following :  
 6.3.1 DP Facilities, 6.3.2 Non-DP Facilities, & 6.7.4 Technical Support.

# **SECTION 1**

# **EXECUTIVE SUMMARY**

**LOS ALAMOS NATIONAL LABORATORY  
ENVIRONMENTAL MANAGEMENT DIVISION  
ENVIRONMENTAL RESTORATION PROGRAM  
EXECUTIVE SUMMARY  
FOR PERIOD ENDING JUNE 30, 1993**

**PROGRAM ACCOMPLISHMENTS:**

- The monthly Department of Energy Headquarters (DOE-HQ), Albuquerque (AL), and Los Alamos Area Office (LAAO) meeting was held on June 23, 1993.
- The DOE monthly meeting with the New Mexico Environment Department (NMED) and the Environmental Protection Agency (EPA) was held on June 24, 1993.
- Los Alamos Environmental Restoration (ER) personnel attended the AL Project Control System workshop held June 15-16, 1993.
- The Los Alamos ER Management Information System (MIS) Section began transition from a contractor based system to a University of California operated system.

**TECHNICAL STATUS:**

- Three operable unit (OU) work plans (1130, 1132, and 1098) were completed and sent to the EPA, Region 6, for review.
- DOE review comments were received on two OU work plans (1111 and 1140).
- Field work started on two OUs (1071 and 1079), field work was ongoing in one other OU (1147).
- Preparations were being made for field site characterization work in OUs 1106, 1122, 1129, and 1144. The site characterization work expected to start in July and August, will not start until satisfactory completion of ER Program readiness reviews for each OU.
- OU 1078 (the current town site area) had some field work in progress during June and more field work scheduled during the sampling season.
- The Mixed Waste Disposal Facility (MWDF) work in June included continuation of Title I Design for surface facilities and pits and continuation of design work on the monitoring and alarm system. The environmental survey for Goshawk habitats was completed in June. Seismic study trenching was started at the end of June.

**COST STATUS:**

The ER Program experienced a favorable cost variance of \$82K for this reporting period, to bring the cumulative to \$1,667K.

**SCHEDULE STATUS:**

- The unfavorable schedule variance increased this period by \$948K, to bring the cumulative to \$-10,010K or approximately nine (9) weeks behind schedule.

**HQ MILESTONES:****Milestones Completed**

- ADS 1129: Closure Report/Certification Complete
- ADS 2107: 2nd Quarter Report submitted to EPA
- ADS 2107: March EPA Report submitted

**Milestone Slippages:**

- ADS 1066: The project completion date has been delayed. Early geological studies suggest the potential for a fault passing near or through the site chosen for the MWDF pits which necessitates more detailed evaluation and, possibly, a shift in location.
- ADS 1067: Completion of all milestones, including Project Complete for the MWDF has been delayed because the start of Title I Design did not occur as soon as planned and because there is no decision yet by DOE whether an environmental assessment (EA) is acceptable, rather than an environmental impact statement (EIS).
- ADS 1078: Due to slower than anticipated lab analytical turnaround times, phase reports have slipped.
- ADS 1079: Due to extensive EPA/NMED comments, the sample plan for TA-10 must be rewritten, which will delay the RCRA Facility Investigation (RFI) Work Plan complete date. A month delay in drilling and sampling at TA-45 has caused a delay in beginning to develop the RFI.
- ADS 1082: RFI Draft Work Plan reviews are following the staggered schedule submitted in the Hazardous and Solid Waste Amendments (HSWA) permit modification. These schedules are not yet reflected in the FY93 baseline.
- ADS 1086: RFI Draft Work Plan reviews are following the staggered schedule submitted in the HSWA permit modification. These schedules are not yet reflected in the FY93 baseline. The deadline for submitting the RFI work plan was changed and approved by the EPA causing the start date of the RFI to be pushed out until March 1994.
- ADS 1093: RFI Draft Work Plan reviews are following the staggered schedule submitted in the HSWA permit modification. These schedules are not yet reflected in the FY93 baseline.

- ADS 1106: Due to slower than anticipated lab analytical turnaround times, phase reports have been modified. Sample Plan/Work Plan modifications for Chapter 18 completion have been delayed due to a delay in Decontamination and Decommissioning (D&D) activities.
- ADS 1111: RFI Draft Work Plan reviews are following the staggered schedule submitted in the HSWA permit modification. These schedules are not yet reflected in the FY93 baseline.
- ADS 1114: RFI Draft Work Plan reviews are following the staggered schedule submitted in the HSWA permit modification. These schedules are not yet reflected in the FY93 baseline.
- ADS 1122: Completion of the RFI Work Plan has slipped awaiting EPA/NMED comments.
- ADS 1127: Schedule does not currently reflect activities in process at TA-35. Schedule reflects one surface impoundment being closed but there are two within TA-35 to be closed. A Baseline Change Proposal (BCP) has been submitted to accurately describe activities.
- ADS 1129: Completion of the RFI Work Plan slipped awaiting EPA comments. EPA comments have been received and are being addressed in the Notice of Deficiency (NOD) response.
- ADS 1130: RFI Draft Work Plan reviews are following the staggered schedule submitted in the HSWA permit modification. These schedules are not yet reflected in the FY93 baseline.
- ADS 1132: RFI Draft Work Plan reviews are following the staggered schedule submitted in the HSWA permit modification. These schedules are not yet reflected in the FY93 baseline.
- ADS 1135: Completion of this closure and all corresponding milestones has been delayed due to the detection of contamination at four different locations and the late arrival of the categorical exclusion determination by DOE. The final closure date will be renegotiated with the State of New Mexico.
- ADS 1140: RFI Draft Work Plan reviews are following the staggered schedule submitted in the HSWA permit modification. These schedules are not yet reflected in the FY93 baseline.
- ADS 1144: EPA approval of the Draft RFI Work Plan was not as fast as scheduled. A BCP has been written to accurately reflect current activities scheduled for FY93. The current baseline shows treatability studies, which will not be conducted this FY.
- ADS 1147: Completion of the RFI Work Plan slipped awaiting EPA comments. EPA comments have been received and are being addressed in the NOD response.

- ADS 1148: Completion of the RFI Work Plan has slipped awaiting EPA comments. The field work activities, which require drilling and sampling, are delayed due to programmatic issues (i.e., Readiness Review and ER Program Drilling/Procurement Process).
- ADS 1157: RFI Draft Work Plan reviews are following the staggered schedule submitted in the HSWA permit modification. These schedules are not yet reflected in the FY93 baseline.

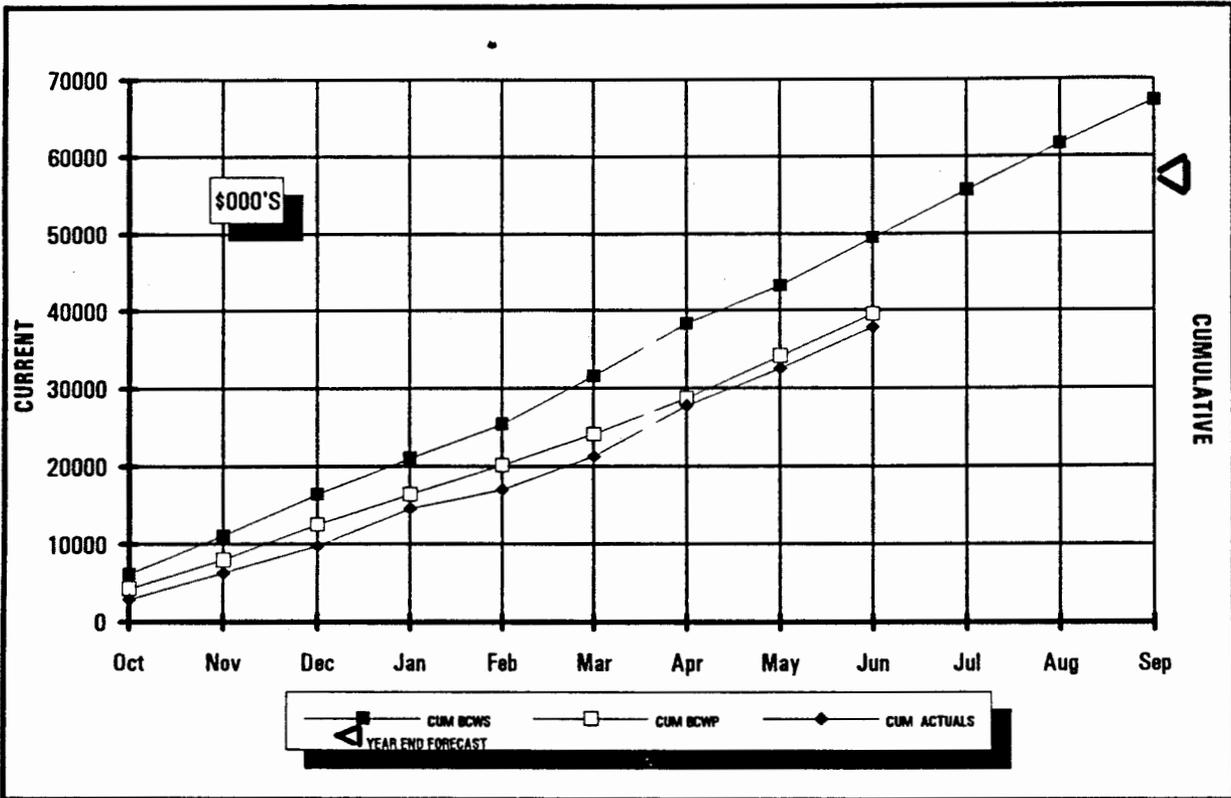
LOS ALAMOS NATIONAL LABORATORY  
 ENVIRONMENTAL MANAGEMENT DIVISION  
 FY 1993 COST PLAN (\$K)

PROGRAM: ENVIRONMENTAL RESTORATION PROGRAM				SUBMITTED BY: R. Vocke				PERIOD ENDING: JUN 30, 1993	
DATE: JULY 15, 1993				REPORTING LEVEL: ADS					
ADS NO.	ADS TITLE	PROG CODE	FY-93 BASELINE BUDGET	FY-93 FIN PLAN ALLOC	FY-93 YTD ACTUALS	% BASELINE SPENT	FY-93 PROJECTED COSTS	PROJECTED (OVER) UNDER RUN	COMMENTS
1049	Canyons Assessment	M71*	170.0	155.3	96.6	57%	166.6	3.4	
1066	NEPA Documentation	M73*	94.0	86.0	78.9	84%	82.9	11.1	
1067	RCRA MWSDF	M96*	3,227.0	2,766.1	1,038.9	32%	1,623.9	1,603.1	
1071	TA-0, 19, 26, 73, 74 Assess	M74*	2,600.0	2,255.7	1,149.5	44%	2,449.5	150.5	
1078	TA-1 Assessment	M75*	3,047.0	2,622.2	1,189.0	39%	1,796.0	1,251.0	
1079	TA-10, 31, 32, 45 Assess	M76*	1,678.0	1,485.0	569.2	34%	864.2	813.8	
1082	TA-11,13,16,24,25,28,37	M77*	1,703.0	1,447.6	1,167.1	69%	1,723.1	(20.1)	
1085	TA-12,14,67 Assessment	M16*	603.0	511.0	281.5	47%	467.5	135.5	
1086	TA-15 Assessment	M78*	844.0	761.3	634.4	75%	901.4	(57.4)	
1093	TA-18, 27, 65 Assessment	M79*	1,075.0	917.9	586.5	55%	1,124.5	(49.5)	
1098	TA-2, 41 Assessment	M80*	782.0	705.3	530.0	68%	710.0	72.0	
1100	TA-20, 53, 72 Assessment	M17*	1,070.0	908.0	642.0	60%	892.0	178.0	
1106	TA-21, Assessment	M81*	4,745.0	4,123.9	2,272.6	48%	3,132.6	1,612.4	
1111	TA-6, 7, 22,40, 58, 62 Assess	M82*	1,320.0	1,146.7	821.4	62%	1,170.4	149.6	
1114	TA-3,30,59,60,61,64 Assess	M83*	912.0	823.7	699.3	77%	1,024.3	(112.3)	
1122	TA-33, 70 Assessment	M84*	2,602.0	2,209.5	934.2	36%	1,836.2	765.8	
1127	TA-35, Wet Oil Pits Chr	M99*	87.0	86.5	22.9	26%	22.9	64.1	
1129	TA-4,5,35,42,48,52,55,63,66	M85*	2,625.0	2,226.9	1,239.7	47%	2,187.7	437.3	
1130	TA-36,68,71 Assessment	M86*	922.0	795.4	496.8	54%	988.8	(66.8)	
1132	TA-39 Assessment	M87*	1,044.0	1,127.9	710.0	68%	1,433.0	(389.0)	
1135	TA-40, Scrap Decon. Site Cla	M94*	254.0	243.8	38.0	15%	38.0	216.0	
1136	TA-43 Assessment	M18*	270.0	229.0	85.8	32%	148.8	121.2	
1140	TA-46, Assessment	M88*	908.0	773.5	595.8	66%	732.8	175.2	
1144	TA-49, Assessment	M89*	1,244.0	1,058.8	274.0	22%	383.0	861.0	
1147	TA-50, Assessment	M90*	1,319.0	1,119.0	258.5	20%	1,022.5	296.5	
1148	TA-51, 54, Assess, MDAL	M91*	3,670.0	3,118.9	1,327.9	36%	2,339.9	1,330.1	
1154	TA-57 Assessment	M19*	368.0	312.0	91.7	25%	183.7	184.3	
1157	TA-8, 9, 23, 69 Assessment	M92*	706.0	930.7	892.0	126%	952.0	(246.0)	
2105	Tech Support -- Assessment	M70*	9,906.0	8,664.3	5,506.9	56%	7,750.9	2,155.1	
2107	Assessment Management	M98*	14,425.0	11,573.5	11,374.7	79%	15,081.7	(656.7)	
2110	Analytical Chem. Bld Studies	M95*	3,055.0	2,622.0	2,254.7	74%	2,369.7	685.3	
TOTAL			67,275.0	57,807.4	37,860.5	56%	55,600.5	11,674.5	Projected underrun in committed and/or approved work scope
FY-93 BA			61,453.0						
FY-92 CARRYOVER FUNDS			5,901.0						
*FY-93 TOTAL ANTICIPATED BO/BA			67,354.0						
*INCLUDE \$ 170K FOR CRADA (87,254 - 78 - 89,153)									
FILENAME: ER93C3T									

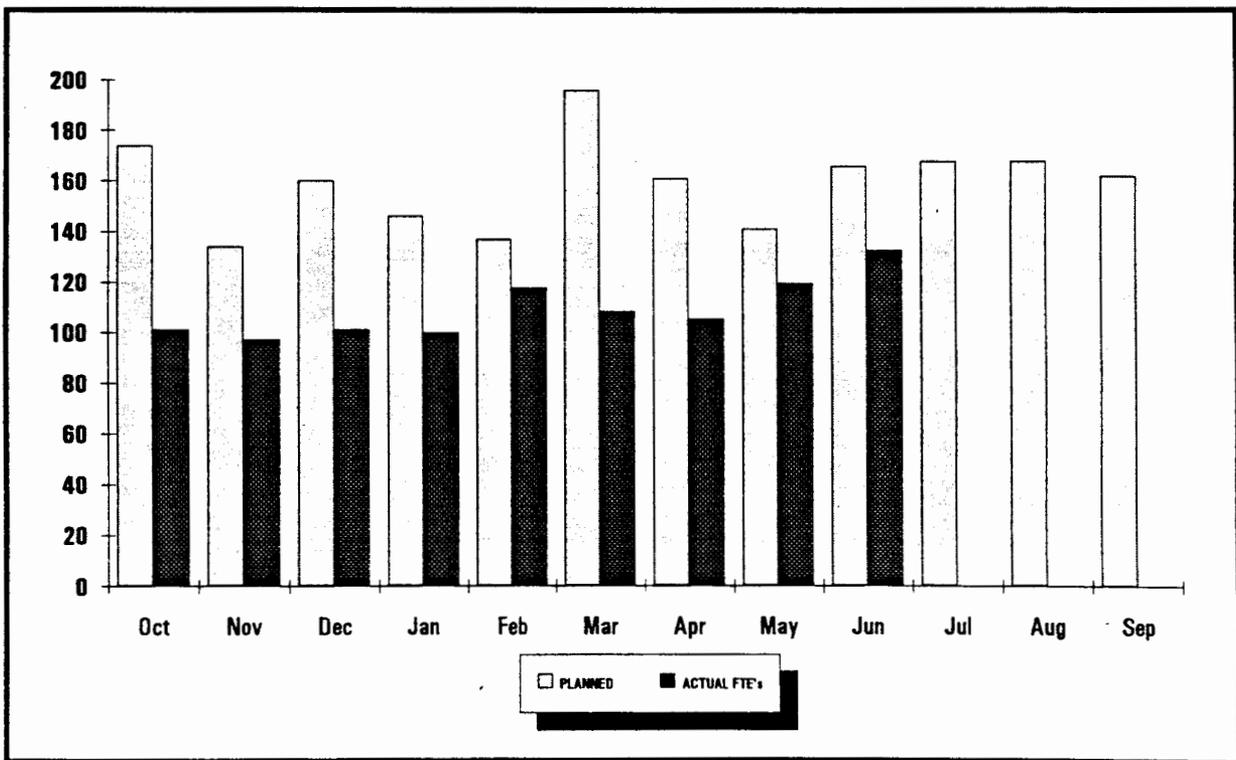
NOTE:  
 AS OF THE APRIL 1993 REPORT THE CALCULATIONS FOR THE % BASELINE SPENT AND THE PROJECTED (OVER) UNDER RUN  
 COLUMNS ARE NOW BASED ON THE BASELINE BUDGET COLUMN RATHER THAN ON THE FIN PLAN ALLOCATION COLUMN

LOS ALAMOS NATIONAL LABORATORY  
 ENVIRONMENTAL MANAGEMENT DIVISION  
 ENVIRONMENTAL RESTORATION PROGRAM  
 FOR PERIOD ENDING JUNE 30, 1993

**BUDGET STATUS**



**FTE STATUS**



# Installation Summary Report

## Installation: LOS ALAMOS NATIONAL LABORATORY

### Month Ending: JUNE 30, 1993

The unfavorable schedule variance increased this period by \$948K, to bring the cumulative to -\$10,010K or approximately nine (9) weeks behind schedule. There are impacts forecast to DOE HQ Controlled Milestones.

**Table A**

Risk Factors			
ARE ADDITIONAL FUNDS REQUIRED?	YES	NO	X
WILL DOE-HQ CONTROLLED MILESTONES BE LATE?	YES	X	NO
WILL REGULATORY MILESTONES BE LATE?	YES	X	NO
WILL SCOPE OF WORK CHANGE?	YES	X	NO
IF YES, EXPLAIN.			
Several ADSs will have scope changes. This is the result of revised planning of field work being delayed due to drilling and changes requested from EPA for Notices of Deficiencies (NOD).			

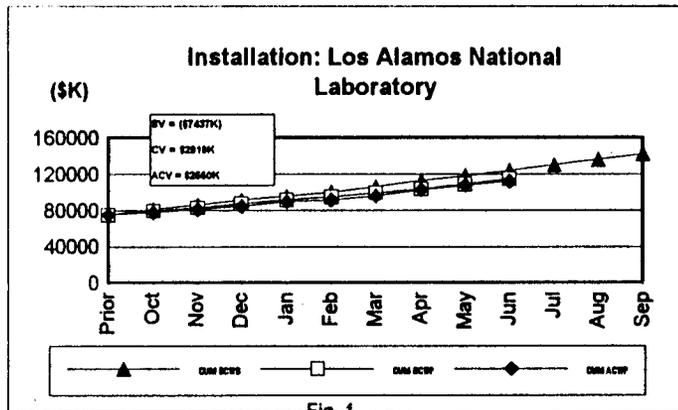


Figure 1: Performance Curves

The favorable cost variance increased this period by \$82K, to bring the cumulative to \$1,667K. This favorable cost variance reflects lessons learned and good productivity resulting in fewer resources being utilized to accomplish activities.

The favorable at complete variance remained at -\$800K. The program will reevaluate this variance as appropriate for the July report.

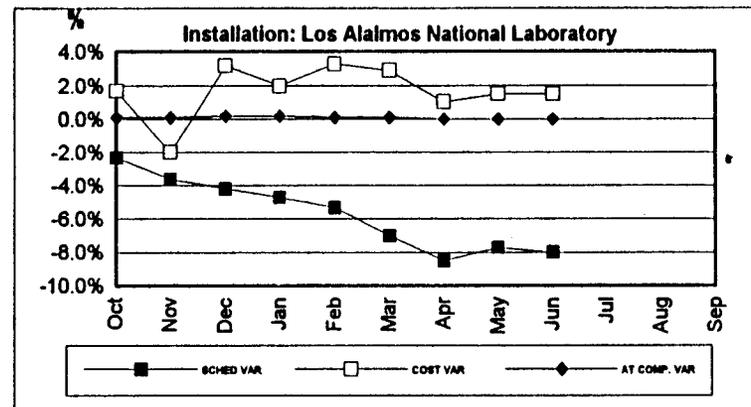


Figure 2: Schedule / Cost Variance

Figure 2 depicts the percent cost, schedule, and at-complete variance trends. The main contributors are quantified and described in Table B.

The causal factors associated with the WBS shown on the above graphs are described in the following table (Table B), which summarizes the cause, impact and corrective action planned and/or underway as contained in the detail on the VARs.

**Table B  
Variance Analysis**

ADS # DESC*	WEEKS		VARIANCES			CAUSE DESCRIPTION	IMPACT DISCUSSION	CORRECTIVE ACTION DESCRIPTION
	+(-) CYP	PROJ	SCHED	COST	AT- COMP.			
ADS 1066*	-31	-30	-57.7	-46.3	-100.0	The start dates for the above mentioned activities were delayed until completion of the ARCH/BIO Surveys. The specific location of the MWDF has a direct bearing on the scope of the Routine Impact Analysis.	The Technical Support Document for OU 1067 may be delayed due to the expansion of the potential area for the MWDF and for additional ARCH/BIO surveys.	This project will be rebaselined to incorporate additional NEPA documentation required due in part to expansion of the MWDF area. Additional resources will be contracted to make up some of the schedule variances, but the project will remain behind schedule through this fiscal year.
ADS 1067*	-20	-41	-1578.7	24.3	-200.0	The activities listed above did not begin when scheduled because Design Criteria and the Conceptual Design Report needed approval by DOE before Title I Design could begin. Other activities were unrealistically scheduled and need a BCP.	Schedule slippage of approximately 41 weeks. The project schedule has slipped requiring that the project be rebaselined to more accurate reflect the scope of work that will be performed this fiscal year.	Title I Design process has begun which will be accelerated to make up some of the schedule. The schedule logic will also be revised to incorporate comments received which will also accelerate the schedule. A BCP will be submitted to reflect the revised schedule and activities that can be completed in FY93.
ADS 1071	+2	0	436.4	587.6	0.0	The two activities listed above are the cause of both cost and schedule variance. These activities have progressed at a faster rate than planned while their associated costs have not been commensurately higher. This has resulted in better than planned performance.	Schedule: No impact on major milestones. RFI Field activities have been aggressively scheduled and no adverse impact is expected.	LANL intends to submit a BCP to account for these activities in July.
ADS 1078	-19	0	-1099.1	151.5	0.0	Data assessment and the Phase I Report are both behind schedule because LANL has yet to receive results on Phase I sampling which date back to FY92. In addition, validation procedures for laboratory analysis have not been formally approved; until this happens, all data assessment activities can not be completed. Finally, the agencies required a complete redesign of the Phase I Sampling Plan as submitted on March 15, 1993. The RFI WP proposed Phase II sampling for Mesa-top which was superceded by agency imposed subsurface field work and Phase I Sampling requirement. This has significantly impacted FY93 laboratory analysis activities.	Data assessment will not be completed until the end of August, 1993. Phase I Report has a delayed start. Completion of access agreements are delayed pending approval of sampling plan. Delayed sample collection field work. Delayed start of sample analysis.	Phase I sample analysis to be completed in mid-August. Data validation will proceed using draft procedures. LANL will submit revised sampling plan for D Building Stratum 1 and Western Sanitary Sewer System in July. NFA proposals will reduce the required investigation and the number of access agreements required.

**Table B  
Variance Analysis**

ADS # DESC*	WEEKS		VARIANCES			CAUSE DESCRIPTION	IMPACT DISCUSSION	CORRECTIVE ACTION DESCRIPTION
	+(-) CYP	PROJ	SCHED	COST	AT- COMP.			
ADS 1079	-13	0	-710.3	103.3	0.0	Problems with the TA-10 subsurface sampling plan has delayed the Issue Final RFI Work Plan activity. The present schedule logic has this activity preceding all field work. However, the TA-45 portion of the RFI Work Plan was approved by the EPA in April and preparatory field work began in May. The variance is a result of this erroneous logic linkage. The TA-45 sampling is in fact very close to being on schedule and will be complete by the end of July.	None. Will be on schedule by end of July.	None.
ADS 1085	-14	0	-88.7	45.9	0.0	Schedule: The ARCH/BIO survey and report have not begun, which is four months after the baselined schedule dates. This delay is caused by constrained resources.	Schedule: The schedule variance will continue until this work is performed. This delay does not impact work plan progress as completion is not required until the final issue of the work plan.	Need for a BCP will be evaluated if this effort cannot be completed this fiscal year.
ADS 1093	-12	0	-288.6	-336.9	-100.0	Cost: Costs of resources required to respond to RFI Work Plan reviews (which were significantly greater in number than expected), to get personnel trained for field work, and to accomplish readiness review activities were not adequately estimated in the approved baseline. Schedule: VCA Treatability Studies have not progressed as planned. The start for VCA Treatability Studies to measure significant stream flow is about 11 weeks later than originally baselined last summer.	No major milestone completion dates will be impacted.	Cost: The PL will monitor the program to determine where work can be done more efficiently than scheduled in the baseline to compensate for the overrun in the RFI Work Plan activities. Schedule: VCA Treatability Studies will commence with summer stream flow for measurement.
ADS 1098	-27	0	-216.9	-144.7	-200.0	Schedule: Completion of the RFI Work Plan had to occur before start of Preliminary Recon Field Studies. These will be postponed to FY94, after approval of the RFI Work Plan by EPA. Cost: Additional costs were incurred due to increased labor required to complete the RFI Work Plan.	Schedule: None, activity doesn't affect any regulatory milestones. Work Plan was submitted on schedule. Cost: None, funds will be redirected within ADS from VCA and Bench Pilot Studies which will not be conducted this FY.	Schedule: The Preliminary Recon Field Studies will be deleted from the FY93 baseline via BCP. Cost: Miscoded effort reports will be corrected.
ADS 1100	-13	0	-217.5	-40.1	0.0	Schedule: The OU is behind schedule because the ARCH/BIO surveys have not started due to lack of availability of resources to perform this activity. OU 1100 does not have any scheduled RFI Field Work for this year, so the surveys have received a lower priority for completion.	The NEPA documentation will not be completed until next year. No major milestones will be affected.	None required.

**Table B  
Variance Analysis**

ADS # DESC*	WEEKS +(-)		VARIANCES			CAUSE DESCRIPTION	IMPACT DISCUSSION	CORRECTIVE ACTION DESCRIPTION
	CYP	PROJ	SCHED	COST	AT- COMP.			
ADS 1106	-10	0	-554.0	1058	0.0	Sample analyses earlier in FY93 and FY92 were much slower than anticipated (slower by six months or more, in some cases) due to national capacity limitations. Although most of these analyses now are in hand, the delay caused slippage in data validation and assessment activities. Some delay also has been incurred due to unanticipated problems with data validation.	Due to slow turnaround of analytics, the scheduled June 1993 RFI Phase Report to EPA had to be split into two parts. Report IA was submitted on schedule and reported only those results not dependent upon laboratory analytics. Report IB will be submitted in December 1993 and will report the assessment of the outstanding analytical data.	The ER program is adding additional analytical contracts to deal with slow turnaround. Contracts have been directed to provide timely status reports. Data validation procedures are being formalized program-wide. A formal BCP has been submitted to LANL ER program office to make the approved baseline more closely reflect the current and planned activities. More concentrated effort is being directed towards validating and assessing the data to meet requirements for the December '93 phase report.
ADS 1122	-3	0	-284.8	481.6	0.0	The two activities listed above were stasured incorrectly. Earned value was reported for "submitting" samples rather than when analysis is completed, causing the cost variance.	No milestone impacts are anticipated.	The activities listed above will be reevaluated and stasured correctly in July.
ADS 1129	-8	0	-507.4	-69.7	0.0	EPA is taking longer to complete the review than originally planned. Lack of manpower resources is causing a delay in completion of Baseline Environmental Survey.	The milestone for completion of the RFI Work Plan, which is a regulatory agreement, will slip by six months. The completion of the milestone for Baseline Environmental Survey will slip by two months.	Schedule: Field work will be started on schedule without an approval work plan and completed Environmental Report, if necessary.
ADS 1130	-5	0	-43.9	-111.3	0.0	RFI Work Plan activities cost more than anticipated. Additional resources were required for all the responses to reviews.	No milestones will be affected.	Better estimate of costs associated with scheduled activities will be incorporated in the next baseline.
ADS 1132	-8	0	-68.3	-456.9	-400.0	The costs for staff effort to respond to extensive RFI work plan reviews was greater than estimated in the baseline developed last summer.	No major milestones impacted.	Activities in the OU will be monitored to determine if efficiencies in parts of the work other than RFI work plan activities can be instituted to compensate for the cost overrun. Manpower loading has been adjusted to help get the work done efficiently.

**Table B  
Variance Analysis**

ADS # DESC*	WEEKS		VARIANCES			CAUSE DESCRIPTION	IMPACT DISCUSSION	CORRECTIVE ACTION DESCRIPTION
	+(-) CYP	PROJ	SCHED	COST	AT- COMP.			
ADS 1135	-38	-30	-212.4	4.2	0.0	Contamination was detected at four different locations. Therefore, in accordance with the Closure Plan, an amendment to the Closure Plan was written and submitted to the State in February. Other factors that contributed to the schedule slippage were: 1. This closure was started over 100 days late awaiting the categorical exclusion determination to be made by DOE. 2. Late arrival of the first set of analytical results.	Start of the next round of analytical work will be delayed until the amendment to the Closure Plan is approved. Start of field work was anticipated for June 1993.	Final closure date will be renegotiated with the State. A BCP is in progress and will be submitted in October, 1993.
ADS 1136	-17	0	-83.4	38.3	0.0	Schedule: The ARCH/BIO Survey and Report will be performed in October, which is 7 months after the baselined scheduled dates. This delay is caused by constrained resources.	Schedule: This schedule variance will continue until this work is performed or the activity is removed from the FY93 baseline. The delay does not impact work plan progress as completion is not required until the final issue of the work plan.	A BCP will be considered for removal of this activity from the FY93 baseline. It will be rebaselined in FY94 as appropriate.
ADS 1144	-28	0	-756.3	103.7	0.0	VCA treatability studies were originally scheduled for this ADS in FY93. A VCA was not identified, however a pilot study (subsurface survey of TA-49 using the high performance ground penetrating radar) is to be performed instead. ANLS Soil Lab Area 2 collection of the samples was delayed due to inclement weather. Contractors now in place for drilling, however we are writing the drilling plan for submission to EPA for final approval before drilling starts.	No impact to the schedule is expected because of the replacement of the VCA treatability study by a proposed pilot study via BCP. Currently, no impact to the schedule is anticipated. More work in August/September will accelerate the scheduled activities.	The field activities will require the drilling contractors to be let (drilling technology team) and an accelerated program implemented to make up delays.
ADS 1147	+4	0	283.0	578.4	0.0	Cost: Man-hours for RFI have taken less to date than estimated. Schedule: Additional labor resources were utilized to complete the MDA C surface soil sampling ahead of schedule therefore the schedule is progressing at a rate greater than planned costs and accumulated sooner than planned.	Any ahead schedule position in sampling activities maybe offset by a known backlog in the analysis activities.	None required.

**Table B  
Variance Analysis**

ADS # DESC*	WEEKS +(-)		VARIANCES			CAUSE DESCRIPTION	IMPACT DISCUSSION	CORRECTIVE ACTION DESCRIPTION
	CYP	PROJ	SCHED	COST	AT- COMP.			
ADS 1148	-14	0	-1544.2	-215.2	0.0	Field Activity 260131250 was delayed due to programmatic issues i.e., Readiness Review and ER Program Drilling/Procurement process. Delay of EPA to respond to the RFI Work Plan. Requirement that we stop work to prepare a response to DOE when EPA did respond. Requirement that a new VCA be written.	No impact to the RFI Field Work milestone is expected at this time. Requirement to place contracts through drilling team delayed activities, but is no longer delaying activities.	Once drilling contractors are hired, they will be placed on an accelerated schedule to make up schedule slippage. We will make up schedule so that objectives will be accomplished within the planned field season.
ADS 1154	-18	0	-170.3	14.7	0.0	Due to higher priority tasks, the OUPL did not begin work on this ADS until January 1993.	No impact is anticipated, OUPL will recover schedule slippage without additional resources.	Level of work on this ADS has increased significantly and will continue to increase through September. Due to anticipated low contamination levels at the site, the sampling and analysis plans, and therefore the work plan can take a concentrated level of effort over less amount of time. The OU Technical Team will concentrate on this OU throughout the summer. The schedule slippage is expected to recover by July or August. The ARCH/BIO is expected to be conducted in July. The report will follow the survey.
ADS 1157	-10	0	-67.3	-314.0	-300.0	Low quantity estimates were used for this ADS, resulting in insufficient BCWS.	Cost trending of this ADS indicated an overrun for FY93. Funds have been identified to cover the overrun.	Overrun will continue, funds have been identified from other ADS activities expected to underrun.
ADS 2110*	-26	0	-1327.5	-641.4	0.0	The start of mobile lab design was delayed 12 weeks while personnel resources were used for higher priority activities.	The second mobile radiological analytical laboratory is being constructed. The anticipated mobile laboratory deployment schedule is as follows: Mobile Radiological Analytical Lab II: 8/6/93 Mobile Chemical Analytical Lab II: 8/31/93 Mobile Radiological Analytical Lab III: 8/31/93 Mobile Radiological Analytical Lab IV: 9/30/93	A BCP will be submitted to modify the WBS to change historical parts that no longer are valid.
<b>TOTAL</b>	<b>-9</b>	<b>0</b>	<b>-9157.9</b>	<b>815.6</b>	<b>-1300.0</b>			

\* Assessment complete (Project Complete for those ADS's which do not have an Assessment Phase).  
Note: Format for weeks +(-) modified as discussed with LAAO.

**SECTION 11**  
**ADS MILESTONE LIST**

**ENVIRONMENTAL RESTORATION PROJECT OFFICE  
MILESTONE REPORT**

**STATUS AS OF JUNE**

WBSM	OU / MILESTONE	% COMP.	TARGET START	EARLY FINISH	CURRENT START	EARLY FINISH	ACTUAL START	ACTUAL FINISH
6101012	1049: EPA/NMED DRAFT OF RFI WORK PLAN COMPLE	0.0		5/5/95		5/3/95		
6101012	1049: RFI WORK PLAN COMPLETE	14.1		8/21/95		8/17/95		
6101012	1049: START RFI WORK PLAN	100.0	10/2/89		10/2/89		10/2/89	
6101013	1049: RFI FIELD WORK COMPLETE	0.0		7/22/99		7/22/99		
6101013	1049: START RFI	0.0	10/25/95		10/23/95			
6101014	1049: EPA/NMED DRAFT OF PH1 RPT COMPLETE	0.0		2/12/98		2/12/98		
6101014	1049: EPA/NMED DRAFT; COMPLETION OF RFI	0.0		8/23/00		8/23/00		
6101014	1049: REVISED RFI REPORT COMPLETE	0.0		11/28/00		11/28/00		
6101014	1049: START DEVELOPING RFI REPORT	0.0	7/28/97		7/28/97			
6101015	1049: EPA APPROVED CMS PLAN	0.0		7/19/01		7/19/01		
6101015	1049: EPA/NMED DRAFT OF CMS PLAN COMPLETE	0.0		3/28/01		3/28/01		
6101015	1049: START DEVELOPMENT OF CMS PLAN	0.0	8/24/00		8/24/00			
6101016	1049: CMS FIELD STUDY COMPLETE	0.0		9/28/01		9/28/01		
6101016	1049: START BENCH / PILOT STUDIES	0.0	10/1/93		10/1/93			
6101016	1049: START CMS FIELD STUDY	0.0	7/20/01		7/20/01			
6101017	1049: ASSESSMENT COMPLETE	0.0		7/30/02		7/30/02		
6101017	1049: EPA/NMED DRAFT; COMPLETION OF CMS	0.0		4/29/02		4/29/02		
6101017	1049: REVISED CMS REPORT COMPLETE	0.0		7/30/02		7/30/02		
6101017	1049: START DEVELOPMENT OF CMS REPORT	0.0	10/1/01		10/1/01			
6101023	1049: CORRECTIVE MEASURES IMPLEMENTATION C	0.0		9/28/07		9/28/07		
6101023	1049: START CORRECTIVE MEASURES IMPLEMENTA	0.0	10/1/04		10/1/04			
6101028	1049: PROJECT COMPLETE	0.0		9/29/15		9/29/15		
6101028	1049: START VCA SOILS REMEDIATION	0.0	3/1/04		3/1/04			
6101028	1049: VCA SOILS REMEDIATION COMPLETE	0.0		9/29/15		9/29/15		
6104012	1071: EPA/NMED DRAFT OF RFI WORK PLAN COMPLE	100.0		5/22/92		5/22/92		5/22/92
6104012	1071: RFI WORK PLAN COMPLETE	100.0		11/24/92		1/22/93		1/22/93
6104012	1071: START RFI WORK PLAN	100.0	10/19/90		10/19/90		10/19/90	
6104013	1071: RFI FIELD WORK COMPLETE	5.0		6/20/97		6/20/97		
6104013	1071: START RFI	100.0	5/18/92		5/18/92		5/18/92	
6104014	1071: EPA/NMED DRAFT OF PH1 RPT COMPLETE	0.0		10/24/96		10/24/96		
6104014	1071: EPA/NMED DRAFT; COMPLETION OF RFI	0.0		2/8/99		2/8/99		
6104014	1071: REVISED RFI REPORT COMPLETE	0.0		5/10/99		5/10/99		
6104014	1071: START DEVELOPING RFI REPORT	0.0	1/26/94		12/29/93			
6104015	1071: EPA APPROVED CMS PLAN	0.0		12/8/99		12/8/99		
6104015	1071: EPA/NMED DRAFT OF CMS PLAN COMPLETE	0.0		8/12/99		8/12/99		
6104015	1071: START DEVELOPMENT OF CMS PLAN	0.0	2/9/99		2/9/99			
6104016	1071: CMS FIELD STUDY COMPLETE	0.0		12/1/00		12/1/00		
6104016	1071: START BENCH /PILOT STUDIES	0.0	2/9/99		2/9/99			

**ENVIRONMENTAL RESTORATION PROJECT OFFICE  
MILESTONE REPORT**

**STATUS AS OF JUNE**

WBSM	OU / MILESTONE	% COMP.	TARGET START	EARLY FINISH	CURRENT START	EARLY FINISH	ACTUAL START	ACTUAL FINISH
6104016	1071: START CMS FIELD STUDY	0.0	12/9/99		12/9/99			
6104017	1071: ASSESSMENT COMPLETE	0.0		7/27/01		7/27/01		
6104017	1071: EPA/NMED DRAFT; COMPLETION OF CMS	0.0		4/26/01		4/26/01		
6104017	1071: REVISED CMS REPORT COMPLETE	0.0		7/27/01		7/27/01		
6104017	1071: START DEVELOPMENT OF CMS REPORT	0.0	12/9/99		12/9/99			
6104023	1071: CORRECTIVE MEASURES IMPLEMENTATION C	0.0		9/30/03		9/30/03		
6104023	1071: PROJECT COMPLETE	0.0		9/30/03		9/30/03		
6104023	1071: START CORRECTIVE MEASURES IMPLEMENTA	0.0	10/1/02		10/1/02			
6104028	1071: START VCA SOILS REMEDIATION	0.0	10/1/98		10/1/98			
6104028	1071: VCA SOILS REMEDIATION COMPLETE	0.0		9/28/01		9/28/01		
6105012	1078: EPA/NMED DRAFT OF RFI WORK PLAN COMPLE	100.0		5/22/92		5/22/92		5/22/92
6105012	1078: RFI WORK PLAN COMPLETE	100.0		2/16/93		9/16/93		1/9/93
6105012	1078: START RFI WORK PLAN	100.0	2/1/90		2/1/90		2/1/90	
6105013	1078: RFI FIELD WORK COMPLETE	32.9		3/15/95		3/15/95		
6105013	1078: START RFI	100.0	6/1/92		6/1/92		6/1/92	
6105014	1078: EPA/NMED DRAFT OF PH1 RPT COMPLETE	0.0		10/12/93		4/20/94		
6105014	1078: EPA/NMED DRAFT; COMPLETION OF RFI	0.0		4/16/96		4/16/96		
6105014	1078: REVISED RFI REPORT COMPLETE	0.0		7/17/96		7/17/96		
6105014	1078: START DEVELOPING RFI REPORT	0.0	4/1/93		10/1/93			
6105015	1078: EPA APPROVED CMS PLAN	0.0		3/12/97		3/12/97		
6105015	1078: EPA/NMED DRAFT OF CMS PLAN COMPLETE	0.0		11/12/96		11/12/96		
6105015	1078: START DEVELOPMENT OF CMS PLAN	0.0	4/17/96		4/17/96			
6105016	1078: CMS FIELD STUDY COMPLETE	0.0		3/12/98		3/12/98		
6105016	1078: START BENCH / PILOT STUDIES	100.0	10/1/92		10/1/92		10/1/92	
6105016	1078: START CMS FIELD STUDY	0.0	3/13/97		3/13/97			
6105017	1078: ASSESSMENT COMPLETE	0.0		1/8/99		1/8/99		
6105017	1078: EPA/NMED DRAFT; COMPLETION OF CMS	0.0		10/1/98		10/1/98		
6105017	1078: REVISED CMS REPORT COMPLETE	0.0		1/8/99		1/8/99		
6105017	1078: START DEVELOPMENT OF CMS REPORT	0.0	3/13/98		3/13/98			
6105023	1078: CORRECTIVE MEASURES IMPLEMENTATION C	0.0		8/16/99		8/16/99		
6105023	1078: PROJECT COMPLETE	0.0		8/16/99		8/16/99		
6105023	1078: START CORRECTIVE MEASURES IMPLEMENTA	0.0	1/11/99		1/11/99			
6105028	1078: START VCA SOILS REMEDIATION	0.0	3/3/97		3/3/97			
6105028	1078: VCA SOILS REMEDIATION COMPLETE	0.0		9/30/98		9/30/98		
6106012	1079: EPA/NMED DRAFT OF RFI WORK PLAN COMPLE	100.0		5/27/92		5/27/92		5/27/92
6106012	1079: RFI WORK PLAN COMPLETE	99.8		12/1/92		7/16/93		
6106012	1079: START RFI WORK PLAN	100.0	4/2/90		4/2/90		4/2/90	
6106012	1082: START RFI WORK PLAN	100.0			10/1/91		10/1/91	

**ENVIRONMENTAL RESTORATION PROJECT OFFICE  
MILESTONE REPORT**

**STATUS AS OF JUNE**

WBSM	OU / MILESTONE	% COMP.	TARGET START	EARLY FINISH	CURRENT START	EARLY FINISH	ACTUAL START	ACTUAL FINISH
6106013	1079: RFI FIELD WORK COMPLETE	10.1		2/1/96		2/1/96		
6106013	1079: START RFI	100.0	5/1/92		5/1/92		5/1/92	
6106014	1079: EPA/NMED DRAFT OF PH1 RPT COMPLETE	0.0		3/6/95		3/30/95		
6106014	1079: EPA/NMED DRAFT; COMPLETION OF RFI	0.0		3/6/97		3/6/97		
6106014	1079: REVISED RFI REPORT COMPLETE	0.0		6/5/97		6/5/97		
6106014	1079: START DEVELOPING RFI REPORT	0.0	7/21/93		10/19/93			
6106015	1079: EPA APPROVED CMS PLAN	0.0		1/29/98		1/29/98		
6106015	1079: EPA/NMED DRAFT OF CMS PLAN COMPLETE	0.0		9/30/97		9/30/97		
6106015	1079: START DEVELOPMENT OF CMS PLAN	0.0	3/7/97		3/7/97			
6106016	1079: CMS FIELD STUDY COMPLETE	0.0		1/29/99		1/29/99		
6106016	1079: START BENCH / PILOT STUDIES	100.0	10/1/92		10/1/92		10/1/92	
6106016	1079: START CMS FIELD STUDY	0.0	1/30/98		1/30/98			
6106017	1079: ASSESSMENT COMPLETE	0.0		11/23/99		11/23/99		
6106017	1079: EPA/NMED DRAFT; COMPLETION OF CMS	0.0		8/20/99		8/20/99		
6106017	1079: REVISED CMS REPORT COMPLETE	0.0		11/23/99		11/23/99		
6106017	1079: START DEVELOPMENT OF CMS REPORT	0.0	2/1/99		2/1/99			
6106023	1079: CORRECTIVE MEASURES IMPLEMENTATION C	0.0		11/22/00		11/22/00		
6106023	1079: START CORRECTIVE MEASURES IMPLEMENTA	0.0	11/24/99		11/24/99			
6106028	1079: PROJECT COMPLETE	0.0		9/30/04		9/30/04		
6106028	1079: START VCA SOILS REMEDIATION	0.0	3/3/98		3/3/98			
6106028	1079: VCA SOILS REMEDIATION COMPLETE	0.0		9/30/04		9/30/04		
6107012	1082: EPA/NMED DRAFT COMPLETE 1ST RFI WP	0.0		5/25/93		6/30/93		
6107012	1082: EPA/NMED DRAFT COMPLETE 2ND RFI WP	0.0		7/7/94		8/1/94		
6107012	1082: EPA/NMED DRAFT COMPLETE 3RD RFI WP	0.0		7/7/95		7/28/95		
6107012	1082: RFI WORK PLAN COMPLETE 1ST RFI WP	0.0		9/30/93		11/23/93		
6107012	1082: RFI WORK PLAN COMPLETE 2ND RFI WP	0.0		12/15/94		1/12/95		
6107012	1082: RFI WORK PLAN COMPLETE 3RD RFI WP	35.7		12/15/95		1/10/96		
6107013	1082: RFI FIELD WORK COMPLETE	0.0		10/16/98		10/16/98		
6107013	1082: START RFI	0.0	10/1/93		11/24/93			
6107014	1082: EPA/NMED DRAFT OF PH1 RPT COMPLETE	0.0		3/27/98		3/27/98		
6107014	1082: EPA/NMED DRAFT; COMPLETION OF RFI	0.0		11/19/99		11/19/99		
6107014	1082: REVISED RFI REPORT COMPLETE	0.0		2/28/00		2/28/00		
6107014	1082: START DEVELOPING RFI REPORT	0.0	9/4/96		9/5/96			
6107015	1082: EPA APPROVED CMS PLAN	0.0		10/13/00		10/13/00		
6107015	1082: EPA/NMED DRAFT OF CMS PLAN COMPLETE	0.0		6/21/00		6/21/00		
6107015	1082: START DEVELOPMENT OF CMS PLAN	0.0	11/22/99		11/22/99			
6107016	1082: CMS FIELD STUDY COMPLETE	0.0		8/28/01		8/28/01		
6107016	1082: START BENCH / PILOT STUDIES	100.0	10/1/92		10/1/92		10/1/92	

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WBSM	OU / MILESTONE	% COMP.	TARGET START	EARLY FINISH	CURRENT START	EARLY FINISH	ACTUAL START	ACTUAL FINISH
6107016	1082: START CMS FIELD STUDY	0.0	10/16/00		10/16/00			
6107017	1082: ASSESSMENT COMPLETE	0.0		6/27/02		6/27/02		
6107017	1082: EPA/NMED DRAFT; COMPLETION OF CMS	0.0		3/28/02		3/28/02		
6107017	1082: REVISED CMS REPORT COMPLETE	0.0		6/27/02		6/27/02		
6107017	1082: START DEVELOPMENT OF CMS REPORT	0.0	8/29/01		8/29/01			
6107023	1082: CORRECTIVE MEASURES IMPLEMENTATION C	0.0		9/30/10		9/30/10		
6107023	1082: START CORRECTIVE MEASURES IMPLEMENTA	0.0	10/3/05		10/3/05			
6107028	1082: PROJECT COMPLETE	0.0		9/28/18		9/28/18		
6107028	1082: START VCA SOILS REMEDIATION	0.0	3/1/00		3/1/00			
6107028	1082: VCA SOILS REMEDIATION COMPLETE	0.0		9/28/18		9/28/18		
6108012	1085: EPA/NMED DRAFT COMPLETE 1ST RFI WP	0.0		5/23/94		5/27/94		
6108012	1085: EPA/NMED DRAFT COMPLETE 2ND RFI WP	0.0		2/28/95		2/28/95		
6108012	1085: RFI WORK PLAN COMPLETE 1ST RFI WP	0.0		9/7/94		9/13/94		
6108012	1085: RFI WORK PLAN COMPLETE 2ND RFI WP	25.0		6/13/95		6/13/95		
6108012	1085: START RFI WORK PLAN	100.0	10/1/92		10/1/92		10/1/92	
6108013	1085: RFI FIELD WORK COMPLETE	0.0		1/23/97		1/23/97		
6108013	1085: START RFI	0.0	9/8/94		9/14/94			
6108014	1085: EPA/NMED DRAFT OF PH1 RPT COMPLETE	0.0		7/16/96		7/16/96		
6108014	1085: EPA/NMED DRAFT; COMPLETION OF RFI	0.0		2/26/98		2/26/98		
6108014	1085: REVISED RFI REPORT COMPLETE	0.0		6/4/98		6/4/98		
6108014	1085: START DEVELOPING RFI REPORT	0.0	1/4/96		1/4/96			
6108016	1085: START BENCH / PILOT STUDIES	100.0	10/1/92		10/1/92		10/1/92	
6108017	1085: ASSESSMENT COMPLETE	0.0		6/4/98		6/4/98		
6108028	1085: PROJECT COMPLETE	0.0		9/30/99		9/30/99		
6108028	1085: START VCA SOILS REMEDIATION	0.0	3/1/99		3/1/99			
6108028	1085: VCA SOILS REMEDIATION COMPLETE	0.0		9/30/99		9/30/99		
6109012	1086: START RFI WORK PLAN	100.0	10/1/91		10/1/91		10/1/91	
6109012	1086: EPA/NMED DRAFT OF RFI WORK PLAN COMPLE	0.0		5/28/93		6/30/93		
6109012	1086: RFI WORK PLAN COMPLETE	90.7		9/14/93		11/29/93		
6109013	1086: REVISED RFI REPORT COMPLETE	0.0		1/27/00		1/27/00		
6109013	1086: RFI FIELD WORK COMPLETE	0.0		10/27/98		10/27/98		
6109013	1086: START RFI	0.0	9/15/93		3/1/94			
6109014	1086: EPA/NMED DRAFT OF PH1 RPT COMPLETE	0.0		1/27/97		1/27/97		
6109014	1086: EPA/NMED DRAFT; COMPLETION OF RFI	0.0		10/20/99		10/20/99		
6109014	1086: START DEVELOPING RFI REPORT	0.0	5/31/96		5/31/96			
6109015	1086: EPA APPROVED CMS PLAN	0.0		9/13/00		9/13/00		
6109015	1086: EPA/NMED DRAFT OF CMS PLAN COMPLETE	0.0		5/22/00		5/22/00		
6109015	1086: START DEVELOPMENT OF CMS PLAN	0.0	10/21/99		10/21/99			

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6109016	1086: CMS FIELD STUDY COMPLETE	0.0		9/13/01		9/13/01		
6109016	1086: START BENCH / PILOT STUDIES	100.0	10/1/92				10/1/92	
6109016	1086: START CMS FIELD STUDY	0.0	9/14/00		9/14/00			
6109017	1086: ASSESSMENT COMPLETE	0.0		7/15/02		7/15/02		
6109017	1086: EPA/NMED DRAFT; COMPLETION OF CMS	0.0		4/12/02		4/12/02		
6109017	1086: REVISED CMS REPORT COMPLETE	0.0		7/15/02		7/15/02		
6109017	1086: START DEVELOPMENT OF CMS REPORT	0.0	9/14/01		9/14/01			
6109023	1086: CORRECTIVE MEASURES IMPLEMENTATION C	0.0		9/30/03		9/30/03		
6109023	1086: PROJECT COMPLETE	0.0		9/30/03		9/30/03		
6109023	1086: START CORRECTIVE MEASURES IMPLEMENTA	0.0	10/1/02		10/1/02			
6109028	1086: START VCA SOILS REMEDIATION	0.0	10/1/99		10/1/99			
6109028	1086: VCA SOILS REMEDIATION COMPLETE	0.0		9/28/01		9/28/01		
6110012	1093: START RFI WORK PLAN	100.0	10/1/91		10/1/91		10/1/91	
6110012	1093: EPA/NMED DRAFT OF RFI WORK PLAN COMPLE	100.0		2/18/93		5/3/93		5/3/93
6110012	1093: RFI WORK PLAN COMPLETE	93.8		5/26/93		10/1/93		
6110013	1093: RFI FIELD WORK COMPLETE	0.0		2/1/96		7/18/96		
6110013	1093: START RFI	0.0	5/27/93		10/4/93			
6110014	1093: EPA/NMED DRAFT OF PH1 RPT COMPLETE	0.0		3/30/95		12/13/95		
6110014	1093: EPA/NMED DRAFT; COMPLETION OF RFI	0.0		3/6/97		8/20/97		
6110014	1093: REVISED RFI REPORT COMPLETE	0.0		6/5/97		11/21/97		
6110014	1093: START DEVELOPING RFI REPORT	0.0	8/31/94		5/19/95			
6110016	1093: START BENCH / PILOT STUDIES	100.0	10/1/92		10/1/92		10/1/92	
6110017	1093: ASSESSMENT COMPLETE	0.0		6/5/97		11/21/97		
6110028	1093: PROJECT COMPLETE	0.0		9/30/98		9/30/98		
6110028	1093: START VCA SOILS REMEDIATION	0.0	3/3/97		3/3/97			
6110028	1093: VCA SOILS REMEDIATION COMPLETE	0.0		9/30/98		9/30/98		
6111012	1098: START RFI WORK PLAN	100.0	10/1/91		10/1/91		10/1/91	
6111012	1098: EPA/NMED DRAFT OF RFI WORK PLAN COMPLE	100.0		4/26/93		5/28/93		5/28/93
6111012	1098: RFI WORK PLAN COMPLETE	69.6		8/10/93		10/15/93		
6111013	1098: RFI FIELD WORK COMPLETE	0.0		12/15/95		12/15/95		
6111013	1098: START RFI	0.0	8/20/93		10/18/93			
6111014	1098: EPA/NMED DRAFT OF PH1 RPT COMPLETE	0.0		3/30/95		3/30/95		
6111014	1098: EPA/NMED DRAFT; COMPLETION OF RFI	0.0		1/22/97		1/22/97		
6111014	1098: REVISED RFI REPORT COMPLETE	0.0		4/23/97		4/23/97		
6111014	1098: START DEVELOPING RFI REPORT	0.0	9/12/94		9/12/94			
6111015	1098: EPA APPROVED CMS PLAN	0.0		12/12/97		12/12/97		
6111015	1098: EPA/NMED DRAFT OF CMS PLAN COMPLETE	0.0		8/18/97		8/18/97		
6111015	1098: START DEVELOPMENT OF CMS PLAN	0.0	1/23/97		1/23/97			

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6111016	1098: CMS FIELD STUDY COMPLETE	0.0		12/11/98		12/11/98		
6111016	1098: START BENCH / PILOT STUDIES	100.0	10/1/92		10/1/92		10/1/92	
6111016	1098: START CMS FIELD STUDY	0.0	12/15/97		12/15/97			
6111017	1098: ASSESSMENT COMPLETE	0.0		10/7/99		10/7/99		
6111017	1098: EPA/NMED DRAFT; COMPLETION OF CMS	0.0		7/8/99		7/8/99		
6111017	1098: REVISED CMS REPORT COMPLETE	0.0		10/7/99		10/7/99		
6111017	1098: START DEVELOPMENT OF CMS REPORT	0.0	12/14/98		12/14/98			
6111023	1098: CORRECTIVE MEASURES IMPLEMENTATION C	0.0		9/30/04		9/30/04		
6111023	1098: PROJECT COMPLETE	0.0		9/30/04		9/30/04		
6111023	1098: START CORRECTIVE MEASURES IMPLEMENTA	0.0	10/2/00		10/2/00			
6111028	1098: START VCA SOILS REMEDIATION	0.0	4/24/97		4/24/97			
6111028	1098: VCA SOILS REMEDIATION COMPLETE	0.0		9/16/97		9/16/97		
6112012	1100: EPA/NMED DRAFT OF RFI WORK PLAN COMPLE	0.0		5/23/94		6/13/94		
6112012	1100: RFI WORK PLAN COMPLETE	39.3		9/7/94		9/27/94		
6112012	1100: START RFI WORK PLAN	100.0	10/1/92		10/1/92		10/1/92	
6112013	1100: RFI FIELD WORK COMPLETE	0.0		1/23/97		1/23/97		
6112013	1100: START RFI	0.0	9/8/94		9/28/94			
6112014	1100: EPA/NMED DRAFT OF PH1 RPT COMPLETE	0.0		7/16/96		7/16/96		
6112014	1100: EPA/NMED DRAFT; COMPLETION OF RFI	0.0		2/26/98		2/26/98		
6112014	1100: PROJECT COMPLETE	0.0		8/18/04		8/18/04		
6112014	1100: REVISED RFI REPORT COMPLETE	0.0		5/28/98		5/28/98		
6112014	1100: START DEVELOPING RFI REPORT	0.0	1/4/96		1/4/96			
6112015	1100: EPA APPROVED CMS PLAN	0.0		1/21/99		1/21/99		
6112015	1100: EPA/NMED DRAFT OF CMS PLAN COMPLETE	0.0		9/22/98		9/22/98		
6112015	1100: START DEVELOPMENT OF CMS PLAN	0.0	2/27/98		2/27/98			
6112016	1100: CMS FIELD STUDY COMPLETE	0.0		1/21/00		1/21/00		
6112016	1100: START BENCH / PILOT STUDIES	100.0	10/1/92		10/1/92		10/1/92	
6112016	1100: START CMS FIELD STUDY	0.0	1/22/99		1/22/99			
6112017	1100: ASSESSMENT COMPLETE	0.0		11/14/00		11/14/00		
6112017	1100: EPA/NMED DRAFT; COMPLETION OF CMS	0.0		8/11/00		8/11/00		
6112017	1100: REVISED CMS REPORT COMPLETE	0.0		11/14/00		11/14/00		
6112017	1100: START DEVELOPMENT OF CMS REPORT	0.0	1/24/00		1/24/00			
6112023	1100: CLOSURE IMPLEMENTATION COMPLETE	0.0		6/18/03		6/18/03		
6112023	1100: CORRECTIVE MEASURES IMPLEMENTATION C	0.0		11/14/01		11/14/01		
6112023	1100: START CLOSURE IMPLEMENTATION	0.0	10/1/97		10/1/97			
6112023	1100: START CORRECTIVE MEASURES IMPLEMENTA	0.0	11/15/00		11/15/00			
6112024	1100: CLOSURE REPORT/CERTIFICATION COMPLETE	0.0		8/18/04		8/18/04		
6112024	1100: START CLOSURE REPORT/CERTIFICATION	0.0	6/19/03		6/19/03			

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6112028	1100: START VCA SOILS REMEDIATION	0.0	3/2/98		3/2/98			
6112028	1100: VCA SOILS REMEDIATION COMPLETE	0.0		9/30/98		9/30/98		
6113012	1106: START RFI WORK PLAN	100.0	10/2/89		10/2/89		10/2/89	
6113012	1106: RFI WORK PLAN COMPLETE	100.0		9/30/91		9/30/91		9/30/91
6113013	1106: START RFI	100.0	10/1/91		10/1/91		10/1/91	
6113014	1106: EPA/NMED DRAFT COMPLETE SQ10 PH2 RPT	0.0		12/15/98		12/15/98		
6113014	1106: EPA/NMED DRAFT COMPLETE SQ2 PH1 RPT	0.0		11/14/94		6/29/94		
6113014	1106: EPA/NMED DRAFT COMPLETE SQ3 PH1 RPT	0.0		10/27/95		10/27/95		
6113014	1106: EPA/NMED DRAFT COMPLETE SQ4 PH1 RPT	0.0		8/20/96		8/20/96		
6113014	1106: EPA/NMED DRAFT COMPLETE SQ5 PH2 RPT	0.0		9/29/97		9/29/97		
6113014	1106: EPA/NMED DRAFT COMPLETE SQ6 PH1 RPT	0.0		1/17/96		1/17/96		
6113014	1106: EPA/NMED DRAFT COMPLETE SQ7 PH1 RPT	0.0		11/15/96		11/15/96		
6113014	1106: EPA/NMED DRAFT COMPLETE SQ8 PH1 RPT	0.0		11/20/96		11/20/96		
6113014	1106: EPA/NMED DRAFT COMPLETE SQ9 PH2 RPT	0.0		2/6/98		2/6/98		
6113014	1106: EPA/NMED DRAFT SMP PLN/WP MOD CH18 CO	0.0		5/5/93		6/1/94		
6113014	1106: EPA/NMED DRAFT; COMPLETION OF RFI	0.0		7/21/99		7/21/99		
6113014	1106: REVISED RFI REPORT COMPLETE	0.0		10/21/99		10/21/99		
6113014	1106: START DEVELOPING RFI REPORT	100.0	10/1/92		12/1/92		12/1/92	
6113015	1106: EPA APPROVED CMS PLAN	0.0		8/17/00		8/17/00		
6113015	1106: EPA/NMED DRAFT OF CMS PLAN COMPLETE	0.0		4/26/00		4/26/00		
6113015	1106: START DEVELOPMENT OF CMS PLAN	0.0	7/22/99		7/22/99			
6113016	1106: CMS FIELD STUDY COMPLETE	0.0		8/13/01		8/13/01		
6113016	1106: START BENCH / PILOT STUDIES	100.0	10/1/92		10/1/92		10/1/92	
6113016	1106: START CMS FIELD STUDY	0.0	8/18/00		8/18/00			
6113017	1106: ASSESSMENT COMPLETE	0.0		7/25/02		7/25/02		
6113017	1106: EPA/NMED DRAFT; COMPLETION OF CMS	0.0		4/24/02		4/24/02		
6113017	1106: REVISED CMS REPORT COMPLETE	0.0		7/25/02		7/25/02		
6113017	1106: START DEVELOPMENT OF CMS REPORT	0.0	8/14/01		8/14/01			
6113023	1106: CORRECTIVE MEASURES IMPLEMENTATION C	0.0		9/30/08		9/30/08		
6113023	1106: START CORRECTIVE MEASURES IMPLEMENTA	0.0	10/1/03		10/1/03			
6113028	1106: PROJECT COMPLETE	0.0		9/30/11		9/30/11		
6113028	1106: START VCA SOILS REMEDIATION	0.0	3/1/00		3/1/00			
6113028	1106: VCA SOILS REMEDIATION COMPLETE	0.0		9/30/11		9/30/11		
6114012	1111: EPA/NMED DRAFT OF RFI WORK PLAN COMPLE	0.0		5/12/93		8/5/93		
6114012	1111: RFI WORK PLAN COMPLETE	93.1		10/21/93		12/9/93		
6114012	1111: START RFI WORK PLAN	100.0	10/1/92		10/1/90		10/1/90	
6114013	1111: RFI FIELD WORK COMPLETE	2.8		9/1/95		9/1/95		
6114013	1111: START RFI	0.0	11/30/93		1/19/94			

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6114014	1111: EPA/NMED DRAFT OF PH1 RPT COMPLETE	0.0		2/28/95		4/14/95		
6114014	1111: EPA/NMED DRAFT; COMPLETION OF RFI	0.0		10/4/96		10/4/96		
6114014	1111: REVISED RFI REPORT COMPLETE	0.0		1/14/97		1/14/97		
6114014	1111: START DEVELOPING RFI REPORT	0.0	8/10/94		9/27/94			
6114015	1111: EPA APPROVED CMS PLAN	0.0		9/5/97		9/5/97		
6114015	1111: EPA/NMED DRAFT OF CMS PLAN COMPLETE	0.0		5/8/97		5/8/97		
6114015	1111: START DEVELOPMENT OF CMS PLAN	0.0	10/7/96		10/7/96			
6114016	1111: CMS FIELD STUDY COMPLETE	0.0		9/30/98		9/30/98		
6114016	1111: START BENCH / PILOT STUDIES	100.0	10/1/92		10/1/92		10/1/92	
6114016	1111: START CMS FIELD STUDY	0.0	10/1/97		10/1/97			
6114017	1111: ASSESSMENT COMPLETE	0.0		7/30/99		7/30/99		
6114017	1111: EPA/NMED DRAFT; COMPLETION OF CMS	0.0		4/29/99		4/29/99		
6114017	1111: REVISED CMS REPORT COMPLETE	0.0		7/30/99		7/30/99		
6114017	1111: START DEVELOPMENT OF CMS REPORT	0.0	10/1/98		10/1/98			
6114023	1111: CORRECTIVE MEASURES IMPLEMENTATION C	0.0		9/28/01		9/28/01		
6114023	1111: PROJECT COMPLETE	0.0		9/28/01		9/28/01		
6114023	1111: START CORRECTIVE MEASURES IMPLEMENTA	0.0	10/1/99		10/1/99			
6114028	1111: START VCA SOILS REMEDIATION	0.0	3/3/97		3/3/97			
6114028	1111: VCA SOILS REMEDIATION COMPLETE	0.0		9/29/98		9/29/98		
6115012	1114: START RFI WORK PLAN	100.0	10/1/91		10/1/91		10/1/91	
6115012	1114: EPA/NMED DRAFT COMPLETE 1ST RFI WP	100.0		4/20/93		6/25/93		6/25/93
6115012	1114: EPA/NMED DRAFT COMPLETE 2ND RFI WP	0.0		7/13/95		7/13/95		
6115012	1114: EPA/NMED DRAFT COMPLETE 3RD RFI WP	0.0		7/12/96		7/12/96		
6115012	1114: RFI WORK PLAN COMPLETE 1ST RFI WP	0.0		9/30/93		12/15/93		
6115012	1114: RFI WORK PLAN COMPLETED 2ND RFI WP	0.0		12/21/95		12/21/95		
6115012	1114: RFI WORK PLAN COMPLETED 3RD RFI WP	26.9		12/20/96		12/20/96		
6115013	1114: RFI FIELD WORK COMPLETE	0.0		7/25/00		7/25/00		
6115013	1114: START RFI	0.0	10/1/93		12/16/93			
6115014	1114: ASSESSMENT COMPLETE	0.0		11/30/01		11/30/01		
6115014	1114: EPA/NMED DRAFT OF PH1 RPT COMPLETE	0.0		1/14/00		1/14/00		
6115014	1114: EPA/NMED DRAFT; COMPLETION OF RFI	0.0		8/27/01		8/27/01		
6115014	1114: REVISED RFI REPORT COMPLETE	0.0		11/30/01		11/30/01		
6115014	1114: START DEVELOPING RFI REPORT	0.0	1/7/98		1/30/98			
6115016	1114: START BENCH / PILOT STUDIES	100.0	10/1/92		10/1/92		10/1/92	
6115028	1114: PROJECT COMPLETE	0.0		9/28/12		9/28/12		
6115028	1114: START VCA SOILS REMEDIATION	0.0	3/1/01		3/1/01			
6115028	1114: VCA SOILS REMEDIATION COMPLETE	0.0		9/28/12		9/28/12		
6116012	1122: START RFI WORK PLAN	100.0	4/2/90		4/2/90		4/2/90	

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WBSM	OU / MILESTONE	% COMP.	TARGET START	EARLY FINISH	CURRENT START	EARLY FINISH	ACTUAL START	ACTUAL FINISH
6116012	1122: RFI WORK PLAN COMPLETE	100.0		1/14/93		8/27/93		
6116012	1122: EPA/NMED DRAFT OF RFI WORK PLAN COMPLE	100.0		5/22/92		5/22/92		5/22/92
6116013	1122: RFI FIELD WORK COMPLETE	25.3		9/20/96		9/20/96		
6116013	1122: START RFI	100.0	10/1/92		10/1/92		10/1/92	
6116014	1122: EPA/NMED DRAFT OF PH1 RPT COMPLETE	0.0		4/20/95		4/20/95		
6116014	1122: EPA/NMED DRAFT; COMPLETION OF RFI	0.0		10/24/97		10/24/97		
6116014	1122: REVISED RFI REPORT COMPLETE	0.0		2/2/98		2/2/98		
6116014	1122: START DEVELOPING RFI REPORT	0.0	11/15/93		2/25/94			
6116015	1122: EPA APPROVED CMS PLAN	0.0		9/18/98		9/18/98		
6116015	1122: EPA/NMED DRAFT OF CMS PLAN COMPLETE	0.0		5/28/98		5/28/98		
6116015	1122: START DEVELOPMENT OF CMS PLAN	0.0	10/27/97		10/27/97			
6116016	1122: CMS FIELD STUDY COMPLETE	0.0		9/30/99		9/30/99		
6116016	1122: START BENCH / PILOT STUDIES	100.0	10/1/92		10/1/92		10/1/92	
6116016	1122: START CMS FIELD STUDY	0.0	10/1/98		10/1/98			
6116017	1122: ASSESSMENT COMPLETE	0.0		7/31/00		7/31/00		
6116017	1122: EPA/NMED DRAFT; COMPLETION OF CMS	0.0		4/28/00		4/28/00		
6116017	1122: REVISED CMS REPORT COMPLETE	0.0		7/31/00		7/31/00		
6116017	1122: START DEVELOPMENT OF CMS REPORT	0.0	10/1/99		10/1/99			
6116023	1122: CORRECTIVE MEASURES IMPLEMENTATION C	0.0		9/30/03		9/30/03		
6116023	1122: PROJECT COMPLETE	0.0		9/30/03		9/30/03		
6116023	1122: START CORRECTIVE MEASURES IMPLEMENTA	0.0	10/1/01		10/1/01			
6116028	1122: VCA SOILS REMEDIATION	0.0	3/2/98		3/2/98			
6116028	1122: VCA SOILS REMEDIATION COMPLETE	0.0		9/30/99		9/30/99		
6117014	1127: CLOSURE REPORT/CERTIFICATION COMPLETE	100.0		3/26/93		4/30/93		4/30/93
6117014	1127: PROJECT COMPLETE	0.0		3/26/93		12/2/93		
6118012	1129: START RFI WORK PLAN	100.0	11/1/90		11/1/90		11/1/90	
6118012	1129: EPA/NMED DRAFT OF RFI WORK PLAN COMPLE	100.0		5/22/92		5/22/92		5/22/92
6118012	1129: RFI WORK PLAN COMPLETE	96.3		4/23/93		1/12/94		
6118013	1129: FIELD IMPLEMENTATION PLAN RFI PH1 MOB	100.0	5/20/93		5/20/93		5/20/93	
6118013	1129: RFI FIELD WORK COMPLETE	5.8		7/30/97		4/17/98		
6118013	1129: START RFI	100.0	10/1/92		10/1/92		10/1/92	
6118013	1129: SUBCONTR CONTRACT IN PLACE RFI PH1 CO	100.0	4/22/93		5/17/93		5/17/93	
6118013	1129: SUBMIT SOW TO MAT-7 RFI PH1 CON	100.0	3/2/93		4/23/93		4/23/93	
6118014	1129: EPA/NMED DRAFT OF PH1 RPT COMPLETE	0.0		5/8/97		12/15/97		
6118014	1129: EPA/NMED DRAFT; COMPLETION OF RFI	0.0		9/1/98		5/20/99		
6118014	1129: REVISED RFI REPORT COMPLETE	0.0		12/7/98		8/20/99		
6118014	1129: START DEVELOPING RFI REPORT	0.0	11/17/93		9/20/94			
6118015	1129: EPA APPROVED CMS PLAN	0.0		7/28/99		4/14/00		

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6118015	1129: EPA/NMED DRAFT OF CMS PLAN COMPLETE	0.0		4/6/99		12/20/99		
6118015	1129: START DEVELOPMENT OF CMS PLAN	0.0	9/2/98		5/21/99			
6118016	1129: CMS FIELD STUDY COMPLETE	0.0		7/27/00		4/16/01		
6118016	1129: START BENCH / PILOT STUDIES	0.0	10/1/92		10/1/93			
6118016	1129: START CMS FIELD STUDY	0.0	7/29/99		4/17/00			
6118017	1129: ASSESSMENT COMPLETE	0.0		6/11/01		2/28/02		
6118017	1129: EPA/NMED DRAFT; COMPLETION OF CMS	0.0		2/26/01		11/6/01		
6118017	1129: REVISED CMS REPORT COMPLETE	0.0		6/11/01		2/28/02		
6118017	1129: START DEVELOPMENT OF CMS REPORT	0.0	7/28/00		4/17/01			
6118023	1129: CORRECTIVE MEASURES IMPLEMENTATION C	0.0		9/30/04		9/30/04		
6118023	1129: START CORRECTIVE MEASURES IMPLEMENTA	0.0	10/1/02		10/1/02			
6118028	1129: PROJECT COMPLETE	0.0		9/30/13		9/30/13		
6118028	1129: START VCA SOILS REMEDIATION	0.0	10/1/01		10/1/01			
6118028	1129: VCA SOILS REMEDIATION COMPLETE	0.0		9/30/13		9/30/13		
6119012	1130: START RFI WORK PLAN	100.0	10/1/91		10/1/91		10/1/91	
6119012	1130: EPA/NMED DRAFT OF RFI WORK PLAN COMPLE	100.0		4/15/93		5/21/93		5/21/93
6119012	1130: RFI WORK PLAN COMPLETE	93.4		7/30/93		10/5/93		
6119013	1130: RFI FIELD WORK COMPLETE	0.0		6/27/95		5/28/96		
6119013	1130: START RFI	0.0	5/27/93		7/6/93			
6119014	1130: EPA/NMED DRAFT OF PH1 RPT COMPLETE	0.0		1/9/95		3/6/95		
6119014	1130: EPA/NMED DRAFT; COMPLETION OF RFI	0.0		7/30/96		6/30/97		
6119014	1130: REVISED RFI REPORT COMPLETE	0.0		10/30/96		9/30/97		
6119014	1130: START DEVELOPING RFI REPORT	0.0	1/6/94		7/8/94			
6119015	1130: EPA APPROVED CMS PLAN	0.0		6/24/97		5/26/98		
6119015	1130: EPA/NMED DRAFT OF CMS PLAN COMPLETE	0.0		3/4/97		2/2/98		
6119015	1130: START DEVELOPMENT OF CMS PLAN	0.0	7/31/96		7/1/97			
6119016	1130: CMS FIELD STUDY COMPLETE	0.0		9/30/98		5/25/99		
6119016	1130: START BENCH / PILOT STUDIES	100.0	10/1/92		10/1/92		10/1/92	
6119016	1130: START CMS FIELD STUDY	0.0	10/1/97		10/1/97			
6119017	1130: ASSESSMENT COMPLETE	0.0		7/30/99		3/24/00		
6119017	1130: EPA/NMED DRAFT; COMPLETION OF CMS	0.0		4/29/99		12/20/99		
6119017	1130: REVISED CMS REPORT COMPLETE	0.0		7/30/99		3/24/00		
6119017	1130: START DEVELOPMENT OF CMS REPORT	0.0	10/1/98		5/26/99			
6119023	1130: CORRECTIVE MEASURES IMPLEMENTATION C	0.0		9/28/01		9/28/01		
6119023	1130: PROJECT COMPLETE	0.0		9/28/01		9/28/01		
6119023	1130: START CORRECTIVE MEASURES IMPLEMENTA	0.0	10/2/00		10/2/00			
6119028	1130: START VCA SOILS REMEDIATION	0.0	10/1/97		10/1/97			
6119028	1130: VCA SOILS REMEDIATION COMPLETE	0.0		9/29/99		3/24/00		

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6120012	1132: START RFI WORK PLAN	100.0	10/1/91		10/1/91		10/1/91	
6120012	1132: EPA/NMED DRAFT OF RFI WORK PLAN COMPLE	0.0		3/18/93		6/30/93		
6120012	1132: RFI WORK PLAN COMPLETE	93.4		7/1/93		10/15/93		
6120013	1132: RFI FIELD WORK COMPLETE	0.0		1/18/96		7/11/96		
6120013	1132: START RFI	0.0	7/2/93		10/18/93			
6120014	1132: EPA/NMED DRAFT OF PH1 RPT COMPLETE	0.0		5/2/95		12/11/95		
6120014	1132: EPA/NMED DRAFT; COMPLETION OF RFI	0.0		2/20/97		8/13/97		
6120014	1132: REVISED RFI REPORT COMPLETE	0.0		5/21/97		11/14/97		
6120014	1132: START DEVELOPING RFI REPORT	0.0	10/14/94		5/26/95			
6120015	1132: EPA APPROVED CMS PLAN	0.0		1/14/98		7/9/98		
6120015	1132: EPA/NMED DRAFT OF CMS PLAN COMPLETE	0.0		9/16/97		3/18/98		
6120015	1132: START DEVELOPMENT OF CMS PLAN	0.0	2/21/97		8/14/97			
6120016	1132: CMS FIELD STUDY COMPLETE	0.0		9/30/99		11/2/99		
6120016	1132: START BENCH / PILOT STUDIES	100.0	10/1/92		10/1/92		10/1/92	
6120016	1132: START CMS FIELD STUDY	0.0	10/1/98		11/3/98			
6120017	1132: ASSESSMENT COMPLETE	0.0		7/31/00		8/30/00		
6120017	1132: EPA/NMED DRAFT; COMPLETION OF CMS	0.0		4/28/00		5/31/00		
6120017	1132: REVISED CMS REPORT COMPLETE	0.0		7/31/00		8/30/00		
6120017	1132: START DEVELOPMENT OF CMS REPORT	0.0	10/1/99		11/3/99			
6120023	1132: CORRECTIVE MEASURES IMPLEMENTATION C	0.0		9/30/02		9/30/02		
6120023	1132: START CORRECTIVE MEASURES IMPLEMENTA	0.0	8/1/00		8/31/00			
6120028	1132: PROJECT COMPLETE	0.0		9/29/06		3/6/07		
6120028	1132: START VCA SOILS REMEDIATION	0.0	3/1/99		3/1/99			
6120028	1132: VCA SOILS REMEDIATION COMPLETE	0.0		9/29/06		3/6/07		
6121013	1135: CLOSURE IMPLEMENTATION COMPLETED	60.8		12/9/92		9/3/93		
6121014	1135: CLOSURE REPORT/CERTIFICATION COMPLETE	0.0		2/3/93		10/27/93		
6121014	1135: PROJECT COMPLETE	0.0		2/3/93		10/27/93		
6121014	1135: START CLOSURE REPORT	100.0	10/13/92		10/21/92		10/21/92	
6122012	1136: EPA/NMED DRAFT OF RFI WORK PLAN COMPLE	0.0		5/23/94		5/27/94		
6122012	1136: RFI WORK PLAN COMPLETE	39.1		9/7/94		9/13/94		
6122012	1136: START RFI WORK PLAN	100.0	10/1/92		10/1/92		10/1/92	
6122013	1136: RFI FIELD WORK COMPLETE	0.0		1/23/97		1/23/97		
6122013	1136: START RFI	0.0	9/8/94		9/14/94			
6122014	1136: EPA/NMED DRAFT OF PH1 RPT COMPLETE	0.0		7/16/96		7/16/96		
6122014	1136: EPA/NMED DRAFT; COMPLETION OF RFI	0.0		2/26/98		2/26/98		
6122014	1136: REVISED RFI REPORT COMPLETE	0.0		5/28/98		5/28/98		
6122014	1136: START DEVELOPING RFI REPORT	0.0	1/4/96		1/4/96			
6122016	1136: START BENCH / PILOT STUDIES	100.0	10/1/92		10/1/92		10/1/92	

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6122017	1136: ASSESSMENT COMPLETE	0.0		5/28/98		5/28/98		
6122028	1136: PROJECT COMPLETE	0.0		9/30/99		9/30/99		
6122028	1136: START VCA SOILS REMEDIATION	0.0	3/1/99		3/1/99			
6122028	1136: VCA SOILS REMEDIATION COMPLETE	0.0		9/30/99		9/30/99		
6123012	1140: START RFI WORK PLAN	100.0	10/2/91		10/2/91		10/2/91	
6123012	1140: EPA/NMED DRAFT OF RFI WORK PLAN COMPLE	0.0		5/17/93		7/23/93		
6123012	1140: RFI WORK PLAN COMPLETE	88.2		9/21/93		12/1/93		
6123013	1140: RFI FIELD WORK COMPLETE	0.0		1/26/96		2/5/96		
6123013	1140: START RFI	0.0	9/22/93		12/2/93			
6123014	1140: EPA/NMED DRAFT OF PH1 RPT COMPLETE	0.0		7/19/95		7/27/95		
6123014	1140: EPA/NMED DRAFT; COMPLETION OF RFI	0.0		2/28/97		3/10/97		
6123014	1140: REVISED RFI REPORT COMPLETE	0.0		5/30/97		6/9/97		
6123014	1140: START DEVELOPING RFI REPORT	0.0	12/27/94		1/5/95			
6123016	1140: START BENCH / PILOT STUDIES	0.0	10/1/93		10/1/93			
6123017	1140: ASSESSMENT COMPLETE	0.0		5/30/97		6/9/97		
6123028	1140: PROJECT COMPLETE	0.0		9/30/98		9/30/98		
6123028	1140: START VCA SOILS REMEDIATION	0.0	3/2/98		3/2/98			
6123028	1140: VCA SOILS REMEDIATION COMPLETE	0.0		9/30/98		9/30/98		
6124012	1144: START RFI WORK PLAN	100.0	7/2/90		7/2/90		7/2/90	
6124012	1144: EPA/NMED DRAFT OF RFI WORK PLAN COMPLE	100.0		5/22/92		5/22/92		5/22/92
6124012	1144: RFI WORK PLAN COMPLETE	100.0		1/8/93		7/15/93		
6124013	1144: RFI FIELD WORK COMPLETE	3.5		4/29/97		5/30/97		
6124014	1144: EPA/NMED DRAFT OF PH1 REPORT COMPLETE	0.0		1/2/96		2/2/96		
6124014	1144: EPA/NMED DRAFT; COMPLETION OF RFI	0.0		12/11/98		1/15/99		
6124014	1144: REVISED RFI REPORT COMPLETE	0.0		3/18/99		4/19/99		
6124014	1144: START DEVELOPING RFI REPORT	0.0	9/1/95		10/4/95			
6124015	1144: EPA APPROVED CMS PLAN	0.0		10/13/99		11/15/99		
6124015	1144: EPA/NMED DRAFT OF CMS PLAN COMPLETE	0.0		6/21/99		7/22/99		
6124015	1144: START DEVELOPMENT OF CMS PLAN	0.0	12/14/98		1/19/99			
6124016	1144: CMS FIELD STUDY COMPLETE	0.0		10/13/00		11/15/00		
6124016	1144: START BENCH / PILOT STUDIES	0.0	12/14/98		1/19/99			
6124016	1144: START CMS FIELD STUDY	0.0	10/14/99		11/16/99			
6124017	1144: ASSESSMENT COMPLETE	0.0		8/22/01		9/24/01		
6124017	1144: EPA/NMED DRAFT; COMPLETION OF CMS	0.0		5/22/01		6/22/01		
6124017	1144: REVISED CMS REPORT COMPLETE	0.0		8/22/01		9/24/01		
6124017	1144: START DEVELOPMENT OF CMS REPORT	0.0	10/16/00		11/16/00			
6124023	1144: CORRECTIVE MEASURES IMPLEMENTATION C	0.0		9/30/03		9/30/03		
6124023	1144: PROJECT COMPLETE	0.0		9/30/03		9/30/03		

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6124023	1144: START CORRECTIVE MEASURES IMPLEMENTA	0.0	10/1/02		10/1/02			
6124028	1144: START VCA SOILS REMEDIATION	0.0	3/1/01		3/1/01			
6124028	1144: VCA SOILS REMEDIATION COMPLETE	0.0		9/30/02		9/30/02		
6125012	1147: START RFI WORK PLAN	100.0	4/6/90		4/6/90		4/6/90	
6125012	1147: EPA/NMED DRAFT OF RFI WORK PLAN COMPLE	100.0		5/22/92		5/22/92		5/22/92
6125012	1147: RFI WORK PLAN COMPLETE	99.8		12/15/92		7/21/93		
6125013	1144: START RFI	100.0	5/22/92		5/22/92		5/22/92	
6125013	1147: RFI FIELD WORK COMPLETE	7.0		10/16/95		10/16/95		
6125013	1147: START RFI	100.0	12/16/92		2/15/93		2/15/93	
6125014	1147: EPA/NMED DRAFT OF PH1 RPT COMPLETE	0.0		6/5/95		6/5/95		
6125014	1147: EPA/NMED DRAFT; COMPLETION OF RFI	0.0		11/18/96		11/18/96		
6125014	1147: REVISED RFI REPORT COMPLETE	0.0		2/25/97		2/25/97		
6125014	1147: START DEVELOPING RFI REPORT	0.0	3/25/94		5/26/94			
6125015	1147: EPA APPROVED CMS PLAN	0.0		10/10/97		10/10/97		
6125015	1147: EPA/NMED DRAFT OF CMS PLAN COMPLETE	0.0		6/19/97		6/19/97		
6125015	1147: START DEVELOPMENT OF CMS PLAN	0.0	11/19/96		11/19/96			
6125016	1147: CMS FIELD STUDY COMPLETE	0.0		9/30/98		9/30/98		
6125016	1147: START BENCH / PILOT STUDIES	100.0	10/1/92		10/1/92		10/1/92	
6125016	1147: START CMS FIELD STUDY	0.0	10/14/97		10/14/97			
6125017	1147: ASSESSMENT COMPLETE	0.0		7/30/99		7/30/99		
6125017	1147: EPA/NMED DRAFT; COMPLETION OF CMS	0.0		4/29/99		4/29/99		
6125017	1147: REVISED CMS REPORT COMPLETE	0.0		7/30/99		7/30/99		
6125017	1147: START DEVELOPMENT OF CMS REPORT	0.0	10/1/98		10/1/98			
6125023	1147: CORRECTIVE MEASURES IMPLEMENTATION C	0.0		9/30/05		9/30/05		
6125023	1147: PROJECT COMPLETE	0.0		9/30/05		9/30/05		
6125023	1147: START CORRECTIVE MEASURES IMPLEMENTA	0.0	8/2/99		8/2/99			
6125028	1147: START VCA SOILS REMEDIATION	0.0	3/3/97		3/3/97			
6125028	1147: VCA SOILS REMEDIATION COMPLETE	0.0		9/29/00		9/29/00		
6126012	1148: START RFI WORK PLAN	100.0			10/2/89		10/2/89	
6126012	1148: EPA/NMED DRAFT OF RFI WORK PLAN COMPLE	100.0		5/22/92		5/22/92		5/22/92
6126012	1148: RFI WORK PLAN COMPLETE	100.0		1/14/93		9/9/93		
6126013	1148: RFI FIELD WORK COMPLETE	3.7		4/11/96		4/11/96		
6126013	1148: START RFI	100.0	10/1/92		11/15/92		11/15/92	
6126014	1148: EPA/NMED DRAFT OF PH1 REPORT COMPLETE	0.0		4/8/96		4/8/96		
6126014	1148: EPA/NMED DRAFT; COMPLETION OF RFI	0.0		10/20/97		10/20/97		
6126014	1148: REVISED RFI REPORT COMPLETE	0.0		1/27/98		1/27/98		
6126014	1148: START DEVELOPING RFI REPORT	0.0	11/7/95		11/7/95			
6126015	1148: EPA APPROVED CMS PLAN	0.0		10/27/98		10/27/98		

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WBSM	OU / MILESTONE	% COMP.	TARGET START	EARLY FINISH	CURRENT START	EARLY FINISH	ACTUAL START	ACTUAL FINISH
6126015	1148: EPA/NMED DRAFT OF CMS PLAN COMPLETE	0.0		7/6/98		7/6/98		
6126015	1148: START DEVELOPMENT OF CMS PLAN	0.0	10/21/97		10/21/97			
6126016	1148: CMS FIELD STUDY COMPLETE	0.0		10/27/99		10/27/99		
6126016	1148: START BENCH / PILOT STUDIES	100.0	10/1/92		10/1/92		10/1/92	
6126016	1148: START CMS FIELD STUDY	0.0	10/28/98		10/28/98			
6126017	1148: ASSESSMENT COMPLETE	0.0		9/5/00		9/5/00		
6126017	1148: EPA/NMED DRAFT; COMPLETION OF CMS	0.0		6/5/00		6/5/00		
6126017	1148: REVISED CMS REPORT COMPLETE	0.0		9/5/00		9/5/00		
6126017	1148: START DEVELOPMENT OF CMS REPORT	0.0	10/28/99		10/28/99			
6126018	1148: START INSTALLATION HCA VAPOR EXTRACT S	0.0	10/6/97		4/28/98			
6126018	1148: START INSTALLATION LCA VAPOR EXTRACT SY	0.0	2/2/96		8/16/96			
6126018	1148: START OPERATION HCA PILOT SYSTEM	0.0	1/4/96		7/19/96			
6126018	1148: START OPERATION LCA VAPOR EXTRACTION S	0.0	2/4/97		8/19/97			
6126018	1148: START OPERATION OF LCA PILOT SYSTEM	0.0	5/5/94		11/21/94			
6126023	1148: CORRECTIVE MEASURES IMPLEMENTATION C	0.0		9/29/06		9/29/06		
6126023	1148: PROJECT COMPLETE	0.0		9/29/06		9/29/06		
6126023	1148: START CORRECTIVE MEASURES IMPLEMENTA	0.0	10/1/01		10/1/01			
6126028	1148: START OPERATION HCA VAPOR EXTRACTION	0.0	10/6/98		4/28/99			
6126028	1148: START VCA SOILS REMEDIATION	0.0	3/1/99		3/1/99			
6126028	1148: VCA SOILS REMEDIATION COMPLETE	0.0		9/30/04		9/30/04		
6127012	1154: EPA/NMED DRAFT OF RFI WORK PLAN COMPLE	0.0		5/23/94		10/19/94		
6127012	1154: RFI WORK PLAN COMPLETE	12.1		9/7/94		2/9/95		
6127012	1154: START RFI WORK PLAN	100.0	10/1/92		1/4/93		1/4/93	
6127013	1154: RFI FIELD WORK COMPLETE	0.0		7/21/95		10/4/95		
6127013	1154: START RFI	0.0	9/8/94		2/10/95			
6127014	1154: ASSESSMENT COMPLETE	0.0		11/25/96		2/13/97		
6127014	1154: EPA/NMED DRAFT; COMPLETION OF RFI	0.0		8/22/96		11/6/96		
6127014	1154: REVISED RFI REPORT COMPLETE	0.0		11/25/96		2/13/97		
6127014	1154: START DEVELOPING RFI REPORT	0.0	7/24/95		10/5/95			
6127016	1154: START BENCH / PILOT STUDIES	0.0	10/1/93		10/1/93			
6127028	1154: PROJECT COMPLETE	0.0		9/30/98		9/30/98		
6127028	1154: START VCA SOILS REMEDIATION	0.0	3/3/97		3/3/97			
6127028	1154: VCA SOILS REMEDIATION COMPLETE	0.0		9/30/97		9/30/97		
6128012	1157: START RFI WORK PLAN	100.0	12/2/91		12/2/91		12/2/91	
6128012	1157: EPA/NMED DRAFT OF RFI WORK PLAN COMPLE	0.0		5/17/93		7/16/93		
6128012	1157: RFI WORK PLAN COMPLETE	96.4		8/31/93		11/2/93		
6128013	1157: RFI FIELD WORK COMPLETE	0.0		6/24/96		6/24/96		
6128013	1157: START RFI	0.0	3/18/93		7/1/93			

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6128014	1157: EPA/NMED DRAFT OF PH1 RPT COMPLETE	0.0		3/13/95		3/13/95		
6128014	1157: EPA/NMED DRAFT; COMPLETION OF RFI	0.0		7/28/97		7/28/97		
6128014	1157: REVISED RFI REPORT COMPLETE	0.0		10/28/97		10/28/97		
6128014	1157: START DEVELOPING RFI REPORT	0.0	6/9/94		6/9/94			
6128015	1157: EPA APPROVED CMS PLAN	0.0		6/22/98		6/22/98		
6128015	1157: EPA/NMED DRAFT OF CMS PLAN COMPLETE	0.0		3/2/98		3/2/98		
6128015	1157: START DEVELOPMENT OF CMS PLAN	0.0	7/29/97		7/29/97			
6128016	1157: CMS FIELD STUDY COMPLETE	0.0		9/30/99		9/30/99		
6128016	1157: START BENCH / PILOT STUDIES	100.0	10/1/92		10/1/92		10/1/92	
6128016	1157: START CMS FIELD STUDY	0.0	10/1/98		10/1/98			
6128017	1157: ASSESSMENT COMPLETE	0.0		7/31/00		7/31/00		
6128017	1157: EPA/NMED DRAFT; COMPLETION OF CMS	0.0		4/28/00		4/28/00		
6128017	1157: REVISED CMS REPORT COMPLETE	0.0		7/31/00		7/31/00		
6128017	1157: START DEVELOPMENT OF CMS REPORT	0.0	10/1/99		10/1/99			
6128023	1157: CORRECTIVE MEASURES IMPLEMENTATION C	0.0		9/30/08		9/30/08		
6128023	1157: PROJECT COMPLETE	0.0		9/30/08		9/30/08		
6128023	1157: START CORRECTIVE MEASURES IMPLEMENTA	0.0	10/1/04		10/1/04			
6128028	1157: START VCA SOILS REMEDIATION	0.0	3/1/99		3/1/99			
6128028	1157: VCA SOILS REMEDIATION COMPLETE	0.0		9/30/99		9/30/99		
6303019	2107: 1ST QUARTER REPORT SUBMITTED TO EPA	100.0		1/15/93		3/31/93		3/31/93
6303019	2107: 1ST QUARTER REPORT SUBMITTED TO EPA	0.0		1/18/94		1/18/94		
6303019	2107: 1ST QUARTER REPORT SUBMITTED TO EPA	0.0		1/16/95		1/16/95		
6303019	2107: 1ST QUARTER REPORT SUBMITTED TO EPA	0.0		1/16/96		1/16/96		
6303019	2107: 1ST QUARTER REPORT SUBMITTED TO EPA	0.0		1/15/97		1/15/97		
6303019	2107: 1ST QUARTER REPORT SUBMITTED TO EPA	0.0		1/15/98		1/15/98		
6303019	2107: 1ST QUARTER REPORT SUBMITTED TO EPA	0.0		1/15/99		1/15/99		
6303019	2107: 1ST QUARTER REPORT SUBMITTED TO EPA	0.0		1/18/00		1/18/00		
6303019	2107: 1ST QUARTER REPORT SUBMITTED TO EPA	0.0		1/16/01		1/16/01		
6303019	2107: 1ST QUARTER REPORT SUBMITTED TO EPA	0.0		1/15/02		1/15/02		
6303019	2107: 1ST QUARTER REPORT SUBMITTED TO EPA	0.0		1/15/03		1/15/03		
6303019	2107: 1ST QUARTER REPORT SUBMITTED TO EPA	0.0		1/15/04		1/15/04		
6303019	2107: 1ST QUARTER REPORT SUBMITTED TO EPA	0.0		1/18/05		1/18/05		
6303019	2107: 1ST QUARTER REPORT SUBMITTED TO EPA	0.0		1/17/06		1/17/06		
6303019	2107: 1ST QUARTER REPORT SUBMITTED TO EPA	0.0		1/16/07		1/16/07		
6303019	2107: 1ST QUARTER REPORT SUBMITTED TO EPA	0.0		1/15/08		1/15/08		
6303019	2107: 1ST QUARTER REPORT SUBMITTED TO EPA	0.0		1/15/09		1/15/09		
6303019	2107: 1ST QUARTER REPORT SUBMITTED TO EPA	0.0		1/15/10		1/15/10		
6303019	2107: 1ST QUARTER REPORT SUBMITTED TO EPA	0.0		1/18/11		1/18/11		

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6303019	2107: 1ST QUARTER REPORT SUBMITTED TO EPA	0.0		1/17/12		1/17/12		
6303019	2107: 1ST QUARTER REPORT SUBMITTED TO EPA	0.0		1/15/13		1/15/13		
6303019	2107: 1ST QUARTER REPORT SUBMITTED TO EPA	0.0		1/15/14		1/15/14		
6303019	2107: 1ST QUARTER REPORT SUBMITTED TO EPA	0.0		1/15/15		1/15/15		
6303019	2107: 1ST QUARTER REPORT SUBMITTED TO EPA	0.0		1/15/16		1/15/16		
6303019	2107: 1ST QUARTER REPORT SUBMITTED TO EPA	0.0		1/17/17		1/17/17		
6303019	2107: 1ST QUARTER REPORT SUBMITTED TO EPA	0.0		1/16/18		1/16/18		
6303019	2107: 2ND QUARTER REPORT SUBMITTED TO EPA	100.0		4/15/93		4/15/93		4/15/93
6303019	2107: 2ND QUARTER REPORT SUBMITTED TO EPA	0.0		4/15/94		4/15/94		
6303019	2107: 2ND QUARTER REPORT SUBMITTED TO EPA	0.0		4/17/95		4/17/95		
6303019	2107: 2ND QUARTER REPORT SUBMITTED TO EPA	0.0		4/15/96		4/15/96		
6303019	2107: 2ND QUARTER REPORT SUBMITTED TO EPA	0.0		4/15/97		4/15/97		
6303019	2107: 2ND QUARTER REPORT SUBMITTED TO EPA	0.0		4/15/98		4/15/98		
6303019	2107: 2ND QUARTER REPORT SUBMITTED TO EPA	0.0		4/15/99		4/15/99		
6303019	2107: 2ND QUARTER REPORT SUBMITTED TO EPA	0.0		4/17/00		4/17/00		
6303019	2107: 2ND QUARTER REPORT SUBMITTED TO EPA	0.0		4/16/01		4/16/01		
6303019	2107: 2ND QUARTER REPORT SUBMITTED TO EPA	0.0		4/15/02		4/15/02		
6303019	2107: 2ND QUARTER REPORT SUBMITTED TO EPA	0.0		4/15/03		4/15/03		
6303019	2107: 2ND QUARTER REPORT SUBMITTED TO EPA	0.0		4/15/04		4/15/04		
6303019	2107: 2ND QUARTER REPORT SUBMITTED TO EPA	0.0		4/15/05		4/15/05		
6303019	2107: 2ND QUARTER REPORT SUBMITTED TO EPA	0.0		4/17/06		4/17/06		
6303019	2107: 2ND QUARTER REPORT SUBMITTED TO EPA	0.0		4/16/07		4/16/07		
6303019	2107: 2ND QUARTER REPORT SUBMITTED TO EPA	0.0		4/15/08		4/15/08		
6303019	2107: 2ND QUARTER REPORT SUBMITTED TO EPA	0.0		4/15/09		4/15/09		
6303019	2107: 2ND QUARTER REPORT SUBMITTED TO EPA	0.0		4/15/10		4/15/10		
6303019	2107: 2ND QUARTER REPORT SUBMITTED TO EPA	0.0		4/15/11		4/15/11		
6303019	2107: 2ND QUARTER REPORT SUBMITTED TO EPA	0.0		4/16/12		4/16/12		
6303019	2107: 2ND QUARTER REPORT SUBMITTED TO EPA	0.0		4/15/13		4/15/13		
6303019	2107: 2ND QUARTER REPORT SUBMITTED TO EPA	0.0		4/15/14		4/15/14		
6303019	2107: 2ND QUARTER REPORT SUBMITTED TO EPA	0.0		4/15/15		4/15/15		
6303019	2107: 2ND QUARTER REPORT SUBMITTED TO EPA	0.0		4/15/16		4/15/16		
6303019	2107: 2ND QUARTER REPORT SUBMITTED TO EPA	0.0		4/17/17		4/17/17		
6303019	2107: 2ND QUARTER REPORT SUBMITTED TO EPA	0.0		4/16/18		4/16/18		
6303019	2107: 3RD QUARTER REPORT SUBMITTED TO EPA	0.0		7/15/93		7/15/93		
6303019	2107: 3RD QUARTER REPORT SUBMITTED TO EPA	0.0		7/15/94		7/15/94		
6303019	2107: 3RD QUARTER REPORT SUBMITTED TO EPA	0.0		7/17/95		7/17/95		
6303019	2107: 3RD QUARTER REPORT SUBMITTED TO EPA	0.0		7/15/96		7/15/96		
6303019	2107: 3RD QUARTER REPORT SUBMITTED TO EPA	0.0		7/15/97		7/15/97		

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6303019	2107: 3RD QUARTER REPORT SUBMITTED TO EPA	0.0		7/15/98		7/15/98		
6303019	2107: 3RD QUARTER REPORT SUBMITTED TO EPA	0.0		7/15/99		7/15/99		
6303019	2107: 3RD QUARTER REPORT SUBMITTED TO EPA	0.0		7/17/00		7/17/00		
6303019	2107: 3RD QUARTER REPORT SUBMITTED TO EPA	0.0		7/16/01		7/16/01		
6303019	2107: 3RD QUARTER REPORT SUBMITTED TO EPA	0.0		7/15/02		7/15/02		
6303019	2107: 3RD QUARTER REPORT SUBMITTED TO EPA	0.0		7/15/03		7/15/03		
6303019	2107: 3RD QUARTER REPORT SUBMITTED TO EPA	0.0		7/15/04		7/15/04		
6303019	2107: 3RD QUARTER REPORT SUBMITTED TO EPA	0.0		7/15/05		7/15/05		
6303019	2107: 3RD QUARTER REPORT SUBMITTED TO EPA	0.0		7/17/06		7/17/06		
6303019	2107: 3RD QUARTER REPORT SUBMITTED TO EPA	0.0		7/16/07		7/16/07		
6303019	2107: 3RD QUARTER REPORT SUBMITTED TO EPA	0.0		7/15/08		7/15/08		
6303019	2107: 3RD QUARTER REPORT SUBMITTED TO EPA	0.0		7/15/09		7/15/09		
6303019	2107: 3RD QUARTER REPORT SUBMITTED TO EPA	0.0		7/15/10		7/15/10		
6303019	2107: 3RD QUARTER REPORT SUBMITTED TO EPA	0.0		7/15/11		7/15/11		
6303019	2107: 3RD QUARTER REPORT SUBMITTED TO EPA	0.0		7/16/12		7/16/12		
6303019	2107: 3RD QUARTER REPORT SUBMITTED TO EPA	0.0		7/15/13		7/15/13		
6303019	2107: 3RD QUARTER REPORT SUBMITTED TO EPA	0.0		7/15/14		7/15/14		
6303019	2107: 3RD QUARTER REPORT SUBMITTED TO EPA	0.0		7/15/15		7/15/15		
6303019	2107: 3RD QUARTER REPORT SUBMITTED TO EPA	0.0		7/15/16		7/15/16		
6303019	2107: 3RD QUARTER REPORT SUBMITTED TO EPA	0.0		7/17/17		7/17/17		
6303019	2107: 3RD QUARTER REPORT SUBMITTED TO EPA	0.0		7/16/18		7/16/18		
6303019	2107: 4TH QUARTER REPORT SUBMITTED TO EPA	100.0		10/15/92		2/26/93		2/26/93
6303019	2107: 4TH QUARTER REPORT SUBMITTED TO EPA	0.0		10/15/93		10/15/93		
6303019	2107: 4TH QUARTER REPORT SUBMITTED TO EPA	0.0		10/17/94		10/17/94		
6303019	2107: 4TH QUARTER REPORT SUBMITTED TO EPA	0.0		10/16/95		10/16/95		
6303019	2107: 4TH QUARTER REPORT SUBMITTED TO EPA	0.0		10/15/96		10/15/96		
6303019	2107: 4TH QUARTER REPORT SUBMITTED TO EPA	0.0		10/15/97		10/15/97		
6303019	2107: 4TH QUARTER REPORT SUBMITTED TO EPA	0.0		10/15/98		10/15/98		
6303019	2107: 4TH QUARTER REPORT SUBMITTED TO EPA	0.0		10/15/99		10/15/99		
6303019	2107: 4TH QUARTER REPORT SUBMITTED TO EPA	0.0		10/16/00		10/16/00		
6303019	2107: 4TH QUARTER REPORT SUBMITTED TO EPA	0.0		10/15/01		10/15/01		
6303019	2107: 4TH QUARTER REPORT SUBMITTED TO EPA	0.0		10/15/02		10/15/02		
6303019	2107: 4TH QUARTER REPORT SUBMITTED TO EPA	0.0		10/15/03		10/15/03		
6303019	2107: 4TH QUARTER REPORT SUBMITTED TO EPA	0.0		10/15/04		10/15/04		
6303019	2107: 4TH QUARTER REPORT SUBMITTED TO EPA	0.0		10/17/05		10/17/05		
6303019	2107: 4TH QUARTER REPORT SUBMITTED TO EPA	0.0		10/16/06		10/16/06		
6303019	2107: 4TH QUARTER REPORT SUBMITTED TO EPA	0.0		10/15/07		10/15/07		
6303019	2107: 4TH QUARTER REPORT SUBMITTED TO EPA	0.0		10/15/08		10/15/08		

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6303019	2107: 4TH QUARTER REPORT SUBMITTED TO EPA	0.0		10/15/09		10/15/09		
6303019	2107: 4TH QUARTER REPORT SUBMITTED TO EPA	0.0		10/15/10		10/15/10		
6303019	2107: 4TH QUARTER REPORT SUBMITTED TO EPA	0.0		10/17/11		10/17/11		
6303019	2107: 4TH QUARTER REPORT SUBMITTED TO EPA	0.0		10/15/12		10/15/12		
6303019	2107: 4TH QUARTER REPORT SUBMITTED TO EPA	0.0		10/15/13		10/15/13		
6303019	2107: 4TH QUARTER REPORT SUBMITTED TO EPA	0.0		10/15/14		10/15/14		
6303019	2107: 4TH QUARTER REPORT SUBMITTED TO EPA	0.0		10/15/15		10/15/15		
6303019	2107: 4TH QUARTER REPORT SUBMITTED TO EPA	0.0		10/17/16		10/17/16		
6303019	2107: 4TH QUARTER REPORT SUBMITTED TO EPA	0.0		10/16/17		10/16/17		
6303019	2107: APR EPA REPORT SUBMITTED FY00	0.0		5/30/00		5/30/00		
6303019	2107: APR EPA REPORT SUBMITTED FY01	0.0		5/29/01		5/29/01		
6303019	2107: APR EPA REPORT SUBMITTED FY02	0.0		5/28/02		5/28/02		
6303019	2107: APR EPA REPORT SUBMITTED FY03	0.0		5/27/03		5/27/03		
6303019	2107: APR EPA REPORT SUBMITTED FY04	0.0		5/27/04		5/27/04		
6303019	2107: APR EPA REPORT SUBMITTED FY05	0.0		5/27/05		5/27/05		
6303019	2107: APR EPA REPORT SUBMITTED FY06	0.0		5/30/06		5/30/06		
6303019	2107: APR EPA REPORT SUBMITTED FY07	0.0		5/29/07		5/29/07		
6303019	2107: APR EPA REPORT SUBMITTED FY08	0.0		5/27/08		5/27/08		
6303019	2107: APR EPA REPORT SUBMITTED FY09	0.0		5/27/09		5/27/09		
6303019	2107: APR EPA REPORT SUBMITTED FY10	0.0		5/27/10		5/27/10		
6303019	2107: APR EPA REPORT SUBMITTED FY11	0.0		5/27/11		5/27/11		
6303019	2107: APR EPA REPORT SUBMITTED FY12	0.0		5/29/12		5/29/12		
6303019	2107: APR EPA REPORT SUBMITTED FY13	0.0		5/28/13		5/28/13		
6303019	2107: APR EPA REPORT SUBMITTED FY14	0.0		5/27/14		5/27/14		
6303019	2107: APR EPA REPORT SUBMITTED FY15	0.0		5/27/15		5/27/15		
6303019	2107: APR EPA REPORT SUBMITTED FY16	0.0		5/27/16		5/27/16		
6303019	2107: APR EPA REPORT SUBMITTED FY17	0.0		5/30/17		5/30/17		
6303019	2107: APR EPA REPORT SUBMITTED FY18	0.0		5/29/18		5/29/18		
6303019	2107: APR EPA REPORT SUBMITTED FY93	100.0		5/27/93		5/27/93		5/27/93
6303019	2107: APR EPA REPORT SUBMITTED FY94	0.0		5/27/94		5/27/94		
6303019	2107: APR EPA REPORT SUBMITTED FY95	0.0		5/30/95		5/30/95		
6303019	2107: APR EPA REPORT SUBMITTED FY96	0.0		5/28/96		5/28/96		
6303019	2107: APR EPA REPORT SUBMITTED FY97	0.0		5/27/97		5/27/97		
6303019	2107: APR EPA REPORT SUBMITTED FY98	0.0		5/27/98		5/27/98		
6303019	2107: APR EPA REPORT SUBMITTED FY99	0.0		5/27/99		5/27/99		
6303019	2107: AUG EPA REPORT SUBMITTED FY00	0.0		9/27/00		9/27/00		
6303019	2107: AUG EPA REPORT SUBMITTED FY01	0.0		9/27/01		9/27/01		
6303019	2107: AUG EPA REPORT SUBMITTED FY02	0.0		9/27/02		9/27/02		

**ENVIRONMENTAL RESTORATION PROJECT OFFICE  
MILESTONE REPORT**

**STATUS AS OF JUNE**

WBSM	OU / MILESTONE	% COMP.	TARGET START	EARLY FINISH	CURRENT START	EARLY FINISH	ACTUAL START	ACTUAL FINISH
6303019	2107: AUG EPA REPORT SUBMITTED FY03	0.0		9/29/03		9/29/03		
6303019	2107: AUG EPA REPORT SUBMITTED FY04	0.0		9/27/04		9/27/04		
6303019	2107: AUG EPA REPORT SUBMITTED FY05	0.0		9/27/05		9/27/05		
6303019	2107: AUG EPA REPORT SUBMITTED FY06	0.0		9/27/06		9/27/06		
6303019	2107: AUG EPA REPORT SUBMITTED FY07	0.0		9/27/07		9/27/07		
6303019	2107: AUG EPA REPORT SUBMITTED FY08	0.0		9/29/08		9/29/08		
6303019	2107: AUG EPA REPORT SUBMITTED FY09	0.0		9/28/09		9/28/09		
6303019	2107: AUG EPA REPORT SUBMITTED FY10	0.0		9/27/10		9/27/10		
6303019	2107: AUG EPA REPORT SUBMITTED FY11	0.0		9/27/11		9/27/11		
6303019	2107: AUG EPA REPORT SUBMITTED FY12	0.0		9/27/12		9/27/12		
6303019	2107: AUG EPA REPORT SUBMITTED FY13	0.0		9/27/13		9/27/13		
6303019	2107: AUG EPA REPORT SUBMITTED FY14	0.0		9/29/14		9/29/14		
6303019	2107: AUG EPA REPORT SUBMITTED FY15	0.0		9/28/15		9/28/15		
6303019	2107: AUG EPA REPORT SUBMITTED FY16	0.0		9/27/16		9/27/16		
6303019	2107: AUG EPA REPORT SUBMITTED FY17	0.0		9/27/17		9/27/17		
6303019	2107: AUG EPA REPORT SUBMITTED FY18	0.0		9/27/18		9/27/18		
6303019	2107: AUG EPA REPORT SUBMITTED FY93	0.0		9/27/93		9/27/93		
6303019	2107: AUG EPA REPORT SUBMITTED FY94	0.0		9/27/94		9/27/94		
6303019	2107: AUG EPA REPORT SUBMITTED FY95	0.0		9/27/95		9/27/95		
6303019	2107: AUG EPA REPORT SUBMITTED FY96	0.0		9/27/96		9/27/96		
6303019	2107: AUG EPA REPORT SUBMITTED FY97	0.0		9/29/97		9/29/97		
6303019	2107: AUG EPA REPORT SUBMITTED FY98	0.0		9/28/98		9/28/98		
6303019	2107: AUG EPA REPORT SUBMITTED FY99	0.0		9/27/99		9/27/99		
6303019	2107: DEC EPA REPORT SUBMITTED FY00	0.0		1/27/00		1/27/00		
6303019	2107: DEC EPA REPORT SUBMITTED FY01	0.0		1/29/01		1/29/01		
6303019	2107: DEC EPA REPORT SUBMITTED FY02	0.0		1/28/02		1/28/02		
6303019	2107: DEC EPA REPORT SUBMITTED FY03	0.0		1/27/03		1/27/03		
6303019	2107: DEC EPA REPORT SUBMITTED FY04	0.0		1/27/04		1/27/04		
6303019	2107: DEC EPA REPORT SUBMITTED FY05	0.0		1/27/05		1/27/05		
6303019	2107: DEC EPA REPORT SUBMITTED FY06	0.0		1/27/06		1/27/06		
6303019	2107: DEC EPA REPORT SUBMITTED FY07	0.0		1/29/07		1/29/07		
6303019	2107: DEC EPA REPORT SUBMITTED FY08	0.0		1/28/08		1/28/08		
6303019	2107: DEC EPA REPORT SUBMITTED FY09	0.0		1/27/09		1/27/09		
6303019	2107: DEC EPA REPORT SUBMITTED FY10	0.0		1/27/10		1/27/10		
6303019	2107: DEC EPA REPORT SUBMITTED FY11	0.0		1/27/11		1/27/11		
6303019	2107: DEC EPA REPORT SUBMITTED FY12	0.0		1/27/12		1/27/12		
6303019	2107: DEC EPA REPORT SUBMITTED FY13	0.0		1/28/13		1/28/13		
6303019	2107: DEC EPA REPORT SUBMITTED FY14	0.0		1/27/14		1/27/14		

**ENVIRONMENTAL RESTORATION PROJECT OFFICE  
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**STATUS AS OF JUNE**

WBSM	OU / MILESTONE	% COMP.	TARGET START	EARLY FINISH	CURRENT START	EARLY FINISH	ACTUAL START	ACTUAL FINISH
6303019	2107: DEC EPA REPORT SUBMITTED FY15	0.0		1/27/15		1/27/15		
6303019	2107: DEC EPA REPORT SUBMITTED FY16	0.0		1/27/16		1/27/16		
6303019	2107: DEC EPA REPORT SUBMITTED FY17	0.0		1/27/17		1/27/17		
6303019	2107: DEC EPA REPORT SUBMITTED FY18	0.0		1/29/18		1/29/18		
6303019	2107: DEC EPA REPORT SUBMITTED FY93	100.0		1/27/93		1/22/93		1/22/93
6303019	2107: DEC EPA REPORT SUBMITTED FY94	0.0		1/27/94		1/27/94		
6303019	2107: DEC EPA REPORT SUBMITTED FY95	0.0		1/27/95		1/27/95		
6303019	2107: DEC EPA REPORT SUBMITTED FY96	0.0		1/29/96		1/29/96		
6303019	2107: DEC EPA REPORT SUBMITTED FY97	0.0		1/27/97		1/27/97		
6303019	2107: DEC EPA REPORT SUBMITTED FY98	0.0		1/27/98		1/27/98		
6303019	2107: DEC EPA REPORT SUBMITTED FY99	0.0		1/27/99		1/27/99		
6303019	2107: FEB EPA REPORT SUBMITTED FY00	0.0		3/27/00		3/27/00		
6303019	2107: FEB EPA REPORT SUBMITTED FY01	0.0		3/27/01		3/27/01		
6303019	2107: FEB EPA REPORT SUBMITTED FY02	0.0		3/27/02		3/27/02		
6303019	2107: FEB EPA REPORT SUBMITTED FY03	0.0		3/27/03		3/27/03		
6303019	2107: FEB EPA REPORT SUBMITTED FY04	0.0		3/29/04		3/29/04		
6303019	2107: FEB EPA REPORT SUBMITTED FY05	0.0		3/28/05		3/28/05		
6303019	2107: FEB EPA REPORT SUBMITTED FY06	0.0		3/27/06		3/27/06		
6303019	2107: FEB EPA REPORT SUBMITTED FY07	0.0		3/27/07		3/27/07		
6303019	2107: FEB EPA REPORT SUBMITTED FY08	0.0		3/27/08		3/27/08		
6303019	2107: FEB EPA REPORT SUBMITTED FY09	0.0		3/27/09		3/27/09		
6303019	2107: FEB EPA REPORT SUBMITTED FY10	0.0		3/29/10		3/29/10		
6303019	2107: FEB EPA REPORT SUBMITTED FY11	0.0		3/28/11		3/28/11		
6303019	2107: FEB EPA REPORT SUBMITTED FY12	0.0		3/27/12		3/27/12		
6303019	2107: FEB EPA REPORT SUBMITTED FY13	0.0		3/27/13		3/27/13		
6303019	2107: FEB EPA REPORT SUBMITTED FY14	0.0		3/27/14		3/27/14		
6303019	2107: FEB EPA REPORT SUBMITTED FY15	0.0		3/27/15		3/27/15		
6303019	2107: FEB EPA REPORT SUBMITTED FY16	0.0		3/28/16		3/28/16		
6303019	2107: FEB EPA REPORT SUBMITTED FY17	0.0		3/27/17		3/27/17		
6303019	2107: FEB EPA REPORT SUBMITTED FY18	0.0		3/27/18		3/27/18		
6303019	2107: FEB EPA REPORT SUBMITTED FY93	100.0		3/29/93		3/29/93		3/29/93
6303019	2107: FEB EPA REPORT SUBMITTED FY94	0.0		3/28/94		3/28/94		
6303019	2107: FEB EPA REPORT SUBMITTED FY95	0.0		3/27/95		3/27/95		
6303019	2107: FEB EPA REPORT SUBMITTED FY96	0.0		3/27/96		3/27/96		
6303019	2107: FEB EPA REPORT SUBMITTED FY97	0.0		3/27/97		3/27/97		
6303019	2107: FEB EPA REPORT SUBMITTED FY98	0.0		3/27/98		3/27/98		
6303019	2107: FEB EPA REPORT SUBMITTED FY99	0.0		3/29/99		3/29/99		
6303019	2107: JAN EPA REPORT SUBMITTED FY00	0.0		2/28/00		2/28/00		

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WBSM	OU / MILESTONE	% COMP.	TARGET START	EARLY FINISH	CURRENT START	EARLY FINISH	ACTUAL START	ACTUAL FINISH
6303019	2107: JAN EPA REPORT SUBMITTED FY01	0.0		2/27/01		2/27/01		
6303019	2107: JAN EPA REPORT SUBMITTED FY02	0.0		2/27/02		2/27/02		
6303019	2107: JAN EPA REPORT SUBMITTED FY03	0.0		2/27/03		2/27/03		
6303019	2107: JAN EPA REPORT SUBMITTED FY04	0.0		2/27/04		2/27/04		
6303019	2107: JAN EPA REPORT SUBMITTED FY05	0.0		2/28/05		2/28/05		
6303019	2107: JAN EPA REPORT SUBMITTED FY06	0.0		2/27/06		2/27/06		
6303019	2107: JAN EPA REPORT SUBMITTED FY07	0.0		2/27/07		2/27/07		
6303019	2107: JAN EPA REPORT SUBMITTED FY08	0.0		2/27/08		2/27/08		
6303019	2107: JAN EPA REPORT SUBMITTED FY09	0.0		2/27/09		2/27/09		
6303019	2107: JAN EPA REPORT SUBMITTED FY10	0.0		2/26/10		2/26/10		
6303019	2107: JAN EPA REPORT SUBMITTED FY11	0.0		2/28/11		2/28/11		
6303019	2107: JAN EPA REPORT SUBMITTED FY12	0.0		2/27/12		2/27/12		
6303019	2107: JAN EPA REPORT SUBMITTED FY13	0.0		2/27/13		2/27/13		
6303019	2107: JAN EPA REPORT SUBMITTED FY14	0.0		2/27/14		2/27/14		
6303019	2107: JAN EPA REPORT SUBMITTED FY15	0.0		2/27/15		2/27/15		
6303019	2107: JAN EPA REPORT SUBMITTED FY16	0.0		2/29/16		2/29/16		
6303019	2107: JAN EPA REPORT SUBMITTED FY17	0.0		2/27/17		2/27/17		
6303019	2107: JAN EPA REPORT SUBMITTED FY18	0.0		2/27/18		2/27/18		
6303019	2107: JAN EPA REPORT SUBMITTED FY93	100.0		2/26/93		2/22/93		2/22/93
6303019	2107: JAN EPA REPORT SUBMITTED FY94	0.0		2/28/94		2/28/94		
6303019	2107: JAN EPA REPORT SUBMITTED FY95	0.0		2/27/95		2/27/95		
6303019	2107: JAN EPA REPORT SUBMITTED FY96	0.0		2/27/96		2/27/96		
6303019	2107: JAN EPA REPORT SUBMITTED FY97	0.0		2/27/97		2/27/97		
6303019	2107: JAN EPA REPORT SUBMITTED FY98	0.0		2/27/98		2/27/98		
6303019	2107: JAN EPA REPORT SUBMITTED FY99	0.0		2/26/99		2/26/99		
6303019	2107: JUL EPA REPORT SUBMITTED FY00	0.0		8/28/00		8/28/00		
6303019	2107: JUL EPA REPORT SUBMITTED FY01	0.0		8/27/01		8/27/01		
6303019	2107: JUL EPA REPORT SUBMITTED FY02	0.0		8/27/02		8/27/02		
6303019	2107: JUL EPA REPORT SUBMITTED FY03	0.0		8/27/03		8/27/03		
6303019	2107: JUL EPA REPORT SUBMITTED FY04	0.0		8/27/04		8/27/04		
6303019	2107: JUL EPA REPORT SUBMITTED FY05	0.0		8/29/05		8/29/05		
6303019	2107: JUL EPA REPORT SUBMITTED FY06	0.0		8/28/06		8/28/06		
6303019	2107: JUL EPA REPORT SUBMITTED FY07	0.0		8/27/07		8/27/07		
6303019	2107: JUL EPA REPORT SUBMITTED FY08	0.0		8/27/08		8/27/08		
6303019	2107: JUL EPA REPORT SUBMITTED FY09	0.0		8/27/09		8/27/09		
6303019	2107: JUL EPA REPORT SUBMITTED FY10	0.0		8/27/10		8/27/10		
6303019	2107: JUL EPA REPORT SUBMITTED FY11	0.0		8/29/11		8/29/11		
6303019	2107: JUL EPA REPORT SUBMITTED FY12	0.0		8/27/12		8/27/12		

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**STATUS AS OF JUNE**

WBSM	OU / MILESTONE	% COMP.	TARGET START	EARLY FINISH	CURRENT START	EARLY FINISH	ACTUAL START	ACTUAL FINISH
6303019	2107: JUL EPA REPORT SUBMITTED FY13	0.0		8/27/13		8/27/13		
6303019	2107: JUL EPA REPORT SUBMITTED FY14	0.0		8/27/14		8/27/14		
6303019	2107: JUL EPA REPORT SUBMITTED FY15	0.0		8/27/15		8/27/15		
6303019	2107: JUL EPA REPORT SUBMITTED FY16	0.0		8/29/16		8/29/16		
6303019	2107: JUL EPA REPORT SUBMITTED FY17	0.0		8/28/17		8/28/17		
6303019	2107: JUL EPA REPORT SUBMITTED FY18	0.0		8/27/18		8/27/18		
6303019	2107: JUL EPA REPORT SUBMITTED FY93	0.0		8/27/93		8/27/93		
6303019	2107: JUL EPA REPORT SUBMITTED FY94	0.0		8/29/94		8/29/94		
6303019	2107: JUL EPA REPORT SUBMITTED FY95	0.0		8/28/95		8/28/95		
6303019	2107: JUL EPA REPORT SUBMITTED FY96	0.0		8/27/96		8/27/96		
6303019	2107: JUL EPA REPORT SUBMITTED FY97	0.0		8/27/97		8/27/97		
6303019	2107: JUL EPA REPORT SUBMITTED FY98	0.0		8/27/98		8/27/98		
6303019	2107: JUL EPA REPORT SUBMITTED FY99	0.0		8/27/99		8/27/99		
6303019	2107: JUN EPA REPORT SUBMITTED FY00	0.0		7/27/00		7/27/00		
6303019	2107: JUN EPA REPORT SUBMITTED FY01	0.0		7/27/01		7/27/01		
6303019	2107: JUN EPA REPORT SUBMITTED FY02	0.0		7/29/02		7/29/02		
6303019	2107: JUN EPA REPORT SUBMITTED FY03	0.0		7/28/03		7/28/03		
6303019	2107: JUN EPA REPORT SUBMITTED FY04	0.0		7/27/04		7/27/04		
6303019	2107: JUN EPA REPORT SUBMITTED FY05	0.0		7/27/05		7/27/05		
6303019	2107: JUN EPA REPORT SUBMITTED FY06	0.0		7/27/06		7/27/06		
6303019	2107: JUN EPA REPORT SUBMITTED FY07	0.0		7/27/07		7/27/07		
6303019	2107: JUN EPA REPORT SUBMITTED FY08	0.0		7/28/08		7/28/08		
6303019	2107: JUN EPA REPORT SUBMITTED FY09	0.0		7/27/09		7/27/09		
6303019	2107: JUN EPA REPORT SUBMITTED FY10	0.0		7/27/10		7/27/10		
6303019	2107: JUN EPA REPORT SUBMITTED FY11	0.0		7/27/11		7/27/11		
6303019	2107: JUN EPA REPORT SUBMITTED FY12	0.0		7/27/12		7/27/12		
6303019	2107: JUN EPA REPORT SUBMITTED FY13	0.0		7/29/13		7/29/13		
6303019	2107: JUN EPA REPORT SUBMITTED FY14	0.0		7/28/14		7/28/14		
6303019	2107: JUN EPA REPORT SUBMITTED FY15	0.0		7/27/15		7/27/15		
6303019	2107: JUN EPA REPORT SUBMITTED FY16	0.0		7/27/16		7/27/16		
6303019	2107: JUN EPA REPORT SUBMITTED FY17	0.0		7/27/17		7/27/17		
6303019	2107: JUN EPA REPORT SUBMITTED FY18	0.0		7/27/18		7/27/18		
6303019	2107: JUN EPA REPORT SUBMITTED FY93	0.0		7/27/93		7/27/93		
6303019	2107: JUN EPA REPORT SUBMITTED FY94	0.0		7/27/94		7/27/94		
6303019	2107: JUN EPA REPORT SUBMITTED FY95	0.0		7/27/95		7/27/95		
6303019	2107: JUN EPA REPORT SUBMITTED FY96	0.0		7/29/96		7/29/96		
6303019	2107: JUN EPA REPORT SUBMITTED FY97	0.0		7/28/97		7/28/97		
6303019	2107: JUN EPA REPORT SUBMITTED FY98	0.0		7/27/98		7/27/98		

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**STATUS AS OF JUNE**

WBSM	OU / MILESTONE	% COMP.	TARGET START	EARLY FINISH	CURRENT START	EARLY FINISH	ACTUAL START	ACTUAL FINISH
6303019	2107: JUN EPA REPORT SUBMITTED FY99	0.0		7/27/99		7/27/99		
6303019	2107: MAR EPA REPORT SUBMITTED FY00	0.0		4/27/00		4/27/00		
6303019	2107: MAR EPA REPORT SUBMITTED FY01	0.0		4/27/01		4/27/01		
6303019	2107: MAR EPA REPORT SUBMITTED FY02	0.0		4/29/02		4/29/02		
6303019	2107: MAR EPA REPORT SUBMITTED FY03	0.0		4/28/03		4/28/03		
6303019	2107: MAR EPA REPORT SUBMITTED FY04	0.0		4/27/04		4/27/04		
6303019	2107: MAR EPA REPORT SUBMITTED FY05	0.0		4/27/05		4/27/05		
6303019	2107: MAR EPA REPORT SUBMITTED FY06	0.0		4/27/06		4/27/06		
6303019	2107: MAR EPA REPORT SUBMITTED FY07	0.0		4/27/07		4/27/07		
6303019	2107: MAR EPA REPORT SUBMITTED FY08	0.0		4/28/08		4/28/08		
6303019	2107: MAR EPA REPORT SUBMITTED FY09	0.0		4/27/09		4/27/09		
6303019	2107: MAR EPA REPORT SUBMITTED FY10	0.0		4/27/10		4/27/10		
6303019	2107: MAR EPA REPORT SUBMITTED FY11	0.0		4/27/11		4/27/11		
6303019	2107: MAR EPA REPORT SUBMITTED FY12	0.0		4/27/12		4/27/12		
6303019	2107: MAR EPA REPORT SUBMITTED FY13	0.0		4/29/13		4/29/13		
6303019	2107: MAR EPA REPORT SUBMITTED FY14	0.0		4/28/14		4/28/14		
6303019	2107: MAR EPA REPORT SUBMITTED FY15	0.0		4/27/15		4/27/15		
6303019	2107: MAR EPA REPORT SUBMITTED FY16	0.0		4/27/16		4/27/16		
6303019	2107: MAR EPA REPORT SUBMITTED FY17	0.0		4/27/17		4/27/17		
6303019	2107: MAR EPA REPORT SUBMITTED FY18	0.0		4/27/18		4/27/18		
6303019	2107: MAR EPA REPORT SUBMITTED FY93	100.0		4/27/93		4/30/93		4/30/93
6303019	2107: MAR EPA REPORT SUBMITTED FY94	0.0		4/27/94		4/27/94		
6303019	2107: MAR EPA REPORT SUBMITTED FY95	0.0		4/27/95		4/27/95		
6303019	2107: MAR EPA REPORT SUBMITTED FY96	0.0		4/29/96		4/29/96		
6303019	2107: MAR EPA REPORT SUBMITTED FY97	0.0		4/28/97		4/28/97		
6303019	2107: MAR EPA REPORT SUBMITTED FY98	0.0		4/27/98		4/27/98		
6303019	2107: MAR EPA REPORT SUBMITTED FY99	0.0		4/27/99		4/27/99		
6303019	2107: MAY EPA REPORT SUBMITTED FY00	0.0		6/27/00		6/27/00		
6303019	2107: MAY EPA REPORT SUBMITTED FY01	0.0		6/27/01		6/27/01		
6303019	2107: MAY EPA REPORT SUBMITTED FY02	0.0		6/27/02		6/27/02		
6303019	2107: MAY EPA REPORT SUBMITTED FY03	0.0		6/27/03		6/27/03		
6303019	2107: MAY EPA REPORT SUBMITTED FY04	0.0		6/28/04		6/28/04		
6303019	2107: MAY EPA REPORT SUBMITTED FY05	0.0		6/27/05		6/27/05		
6303019	2107: MAY EPA REPORT SUBMITTED FY06	0.0		6/27/06		6/27/06		
6303019	2107: MAY EPA REPORT SUBMITTED FY07	0.0		6/27/07		6/27/07		
6303019	2107: MAY EPA REPORT SUBMITTED FY08	0.0		6/27/08		6/27/08		
6303019	2107: MAY EPA REPORT SUBMITTED FY09	0.0		6/29/09		6/29/09		
6303019	2107: MAY EPA REPORT SUBMITTED FY10	0.0		6/28/10		6/28/10		

**ENVIRONMENTAL RESTORATION PROJECT OFFICE  
MILESTONE REPORT**

**STATUS AS OF JUNE**

WBSM	OU / MILESTONE	% COMP.	TARGET START	EARLY FINISH	CURRENT START	EARLY FINISH	ACTUAL START	ACTUAL FINISH
6303019	2107: MAY EPA REPORT SUBMITTED FY11	0.0		6/27/11		6/27/11		
6303019	2107: MAY EPA REPORT SUBMITTED FY12	0.0		6/27/12		6/27/12		
6303019	2107: MAY EPA REPORT SUBMITTED FY13	0.0		6/27/13		6/27/13		
6303019	2107: MAY EPA REPORT SUBMITTED FY14	0.0		6/27/14		6/27/14		
6303019	2107: MAY EPA REPORT SUBMITTED FY15	0.0		6/29/15		6/29/15		
6303019	2107: MAY EPA REPORT SUBMITTED FY16	0.0		6/27/16		6/27/16		
6303019	2107: MAY EPA REPORT SUBMITTED FY17	0.0		6/27/17		6/27/17		
6303019	2107: MAY EPA REPORT SUBMITTED FY18	0.0		6/27/18		6/27/18		
6303019	2107: MAY EPA REPORT SUBMITTED FY93	0.0		6/28/93		6/30/93		
6303019	2107: MAY EPA REPORT SUBMITTED FY94	0.0		6/27/94		6/27/94		
6303019	2107: MAY EPA REPORT SUBMITTED FY95	0.0		6/27/95		6/27/95		
6303019	2107: MAY EPA REPORT SUBMITTED FY96	0.0		6/27/96		6/27/96		
6303019	2107: MAY EPA REPORT SUBMITTED FY97	0.0		6/27/97		6/27/97		
6303019	2107: MAY EPA REPORT SUBMITTED FY98	0.0		6/29/98		6/29/98		
6303019	2107: MAY EPA REPORT SUBMITTED FY99	0.0		6/28/99		6/28/99		
6303019	2107: NOV EPA REPORT SUBMITTED FY00	0.0		12/28/99		12/28/99		
6303019	2107: NOV EPA REPORT SUBMITTED FY01	0.0		12/27/00		12/27/00		
6303019	2107: NOV EPA REPORT SUBMITTED FY02	0.0		12/27/01		12/27/01		
6303019	2107: NOV EPA REPORT SUBMITTED FY03	0.0		12/27/02		12/27/02		
6303019	2107: NOV EPA REPORT SUBMITTED FY04	0.0		12/29/03		12/29/03		
6303019	2107: NOV EPA REPORT SUBMITTED FY05	0.0		12/28/04		12/28/04		
6303019	2107: NOV EPA REPORT SUBMITTED FY06	0.0		12/27/05		12/27/05		
6303019	2107: NOV EPA REPORT SUBMITTED FY07	0.0		12/27/06		12/27/06		
6303019	2107: NOV EPA REPORT SUBMITTED FY08	0.0		12/27/07		12/27/07		
6303019	2107: NOV EPA REPORT SUBMITTED FY09	0.0		12/29/08		12/29/08		
6303019	2107: NOV EPA REPORT SUBMITTED FY10	0.0		12/29/09		12/29/09		
6303019	2107: NOV EPA REPORT SUBMITTED FY11	0.0		12/28/10		12/28/10		
6303019	2107: NOV EPA REPORT SUBMITTED FY12	0.0		12/27/11		12/27/11		
6303019	2107: NOV EPA REPORT SUBMITTED FY13	0.0		12/27/12		12/27/12		
6303019	2107: NOV EPA REPORT SUBMITTED FY14	0.0		12/27/13		12/27/13		
6303019	2107: NOV EPA REPORT SUBMITTED FY15	0.0		12/29/14		12/29/14		
6303019	2107: NOV EPA REPORT SUBMITTED FY16	0.0		12/28/15		12/28/15		
6303019	2107: NOV EPA REPORT SUBMITTED FY17	0.0		12/27/16		12/27/16		
6303019	2107: NOV EPA REPORT SUBMITTED FY18	0.0		12/27/17		12/27/17		
6303019	2107: NOV EPA REPORT SUBMITTED FY93	100.0		12/29/92		12/22/92		12/22/92
6303019	2107: NOV EPA REPORT SUBMITTED FY94	0.0		12/28/93		12/28/93		
6303019	2107: NOV EPA REPORT SUBMITTED FY95	0.0		12/27/94		12/27/94		
6303019	2107: NOV EPA REPORT SUBMITTED FY96	0.0		12/27/95		12/27/95		

**ENVIRONMENTAL RESTORATION PROJECT OFFICE  
MILESTONE REPORT**

**STATUS AS OF JUNE**

WBSM	OU / MILESTONE	% COMP.	TARGET START	EARLY FINISH	CURRENT START	EARLY FINISH	ACTUAL START	ACTUAL FINISH
6303019	2107: NOV EPA REPORT SUBMITTED FY97	0.0		12/27/96		12/27/96		
6303019	2107: NOV EPA REPORT SUBMITTED FY98	0.0		12/29/97		12/29/97		
6303019	2107: NOV EPA REPORT SUBMITTED FY99	0.0		12/29/98		12/29/98		
6303019	2107: OCT EPA REPORT SUBMITTED FY00	0.0		11/29/99		11/29/99		
6303019	2107: OCT EPA REPORT SUBMITTED FY01	0.0		11/27/00		11/27/00		
6303019	2107: OCT EPA REPORT SUBMITTED FY02	0.0		11/27/01		11/27/01		
6303019	2107: OCT EPA REPORT SUBMITTED FY03	0.0		11/27/02		11/27/02		
6303019	2107: OCT EPA REPORT SUBMITTED FY04	0.0		11/27/03		11/27/03		
6303019	2107: OCT EPA REPORT SUBMITTED FY05	0.0		11/29/04		11/29/04		
6303019	2107: OCT EPA REPORT SUBMITTED FY06	0.0		11/28/05		11/28/05		
6303019	2107: OCT EPA REPORT SUBMITTED FY07	0.0		11/27/06		11/27/06		
6303019	2107: OCT EPA REPORT SUBMITTED FY08	0.0		11/27/07		11/27/07		
6303019	2107: OCT EPA REPORT SUBMITTED FY09	0.0		12/1/08		12/1/08		
6303019	2107: OCT EPA REPORT SUBMITTED FY10	0.0		11/30/09		11/30/09		
6303019	2107: OCT EPA REPORT SUBMITTED FY11	0.0		11/29/10		11/29/10		
6303019	2107: OCT EPA REPORT SUBMITTED FY12	0.0		11/28/11		11/28/11		
6303019	2107: OCT EPA REPORT SUBMITTED FY13	0.0		11/27/12		11/27/12		
6303019	2107: OCT EPA REPORT SUBMITTED FY14	0.0		11/27/13		11/27/13		
6303019	2107: OCT EPA REPORT SUBMITTED FY15	0.0		11/27/14		11/27/14		
6303019	2107: OCT EPA REPORT SUBMITTED FY16	0.0		11/27/15		11/27/15		
6303019	2107: OCT EPA REPORT SUBMITTED FY17	0.0		11/28/16		11/28/16		
6303019	2107: OCT EPA REPORT SUBMITTED FY18	0.0		11/27/17		11/27/17		
6303019	2107: OCT EPA REPORT SUBMITTED FY93	100.0		11/30/92		11/20/92		11/20/92
6303019	2107: OCT EPA REPORT SUBMITTED FY94	0.0		11/29/93		11/29/93		
6303019	2107: OCT EPA REPORT SUBMITTED FY95	0.0		11/28/94		11/28/94		
6303019	2107: OCT EPA REPORT SUBMITTED FY96	0.0		11/27/95		11/27/95		
6303019	2107: OCT EPA REPORT SUBMITTED FY97	0.0		11/27/96		11/27/96		
6303019	2107: OCT EPA REPORT SUBMITTED FY98	0.0		12/1/97		12/1/97		
6303019	2107: OCT EPA REPORT SUBMITTED FY99	0.0		11/30/98		11/30/98		
6303019	2107: PROJECT COMPLETE	0.0		9/28/18		9/24/18		
6303019	2107: SEP EPA REPORT SUBMITTED FY00	0.0		10/27/00		10/27/00		
6303019	2107: SEP EPA REPORT SUBMITTED FY01	0.0		10/29/01		10/29/01		
6303019	2107: SEP EPA REPORT SUBMITTED FY02	0.0		10/28/02		10/28/02		
6303019	2107: SEP EPA REPORT SUBMITTED FY03	0.0		10/27/03		10/27/03		
6303019	2107: SEP EPA REPORT SUBMITTED FY04	0.0		10/27/04		10/27/04		
6303019	2107: SEP EPA REPORT SUBMITTED FY05	0.0		10/27/05		10/27/05		
6303019	2107: SEP EPA REPORT SUBMITTED FY06	0.0		10/27/06		10/27/06		
6303019	2107: SEP EPA REPORT SUBMITTED FY07	0.0		10/29/07		10/29/07		

**ENVIRONMENTAL RESTORATION PROJECT OFFICE  
MILESTONE REPORT**

**STATUS AS OF JUNE**

WBSM	OU / MILESTONE	% COMP.	TARGET START	EARLY FINISH	CURRENT START	EARLY FINISH	ACTUAL START	ACTUAL FINISH
6303019	2107: SEP EPA REPORT SUBMITTED FY08	0.0		10/27/08		10/27/08		
6303019	2107: SEP EPA REPORT SUBMITTED FY09	0.0		10/27/09		10/27/09		
6303019	2107: SEP EPA REPORT SUBMITTED FY10	0.0		10/27/10		10/27/10		
6303019	2107: SEP EPA REPORT SUBMITTED FY11	0.0		10/27/11		10/27/11		
6303019	2107: SEP EPA REPORT SUBMITTED FY12	0.0		10/29/12		10/29/12		
6303019	2107: SEP EPA REPORT SUBMITTED FY13	0.0		10/28/13		10/28/13		
6303019	2107: SEP EPA REPORT SUBMITTED FY14	0.0		10/27/14		10/27/14		
6303019	2107: SEP EPA REPORT SUBMITTED FY15	0.0		10/27/15		10/27/15		
6303019	2107: SEP EPA REPORT SUBMITTED FY16	0.0		10/27/16		10/27/16		
6303019	2107: SEP EPA REPORT SUBMITTED FY17	0.0		10/27/17		10/27/17		
6303019	2107: SEP EPA REPORT SUBMITTED FY92	100.0		10/27/92		10/20/92		10/20/92
6303019	2107: SEP EPA REPORT SUBMITTED FY93	0.0		10/27/93		10/27/93		
6303019	2107: SEP EPA REPORT SUBMITTED FY94	0.0		10/27/94		10/27/94		
6303019	2107: SEP EPA REPORT SUBMITTED FY95	0.0		10/27/95		10/27/95		
6303019	2107: SEP EPA REPORT SUBMITTED FY96	0.0		10/28/96		10/28/96		
6303019	2107: SEP EPA REPORT SUBMITTED FY97	0.0		10/27/97		10/27/97		
6303019	2107: SEP EPA REPORT SUBMITTED FY98	0.0		10/27/98		10/27/98		
6303019	2107: SEP EPA REPORT SUBMITTED FY99	0.0		10/27/99		10/27/99		
6304139	2105: PROJECT COMPLETE	0.0		9/13/19		9/13/19		
6304169	2105: FY00 IWP SUBMITTED TO EPA	0.0		11/17/00		11/17/00		
6304169	2105: FY01 IWP SUBMITTED TO EPA	0.0		11/19/01		11/19/01		
6304169	2105: FY92 IWP SUBMITTED TO EPA	100.0		11/19/92		11/19/92		11/19/92
6304169	2105: FY93 IWP SUBMITTED TO EPA	0.0		11/19/93		12/7/93		
6304169	2105: FY94 IWP SUBMITTED TO EPA	0.0		11/18/94		11/18/94		
6304169	2105: FY95 IWP SUBMITTED TO EPA	0.0		11/17/95		11/17/95		
6304169	2105: FY96 IWP SUBMITTED TO EPA	0.0		11/19/96		11/19/96		
6304169	2105: FY97 IWP SUBMITTED TO EPA	0.0		11/19/97		11/19/97		
6304169	2105: FY98 IWP SUBMITTED TO EPA	0.0		11/19/98		11/19/98		
6304169	2105: FY99 IWP SUBMITTED TO EPA	0.0		11/19/99		11/19/99		
6305069	2110: PROJECT COMPLETE	0.0		9/28/18		9/28/18		
6306019	1066: PROJECT COMPLETE	0.0		3/16/95		11/17/95		
6601029	1067: ENGINEERING STUDY REPORT	100.0		10/30/92		10/30/92		10/30/92
6601029	1067: MWSDF DESIGN CRITERIA DOCUMENT	100.0		10/30/92		10/30/92		10/30/92
6601049	1067: PROJECT COMPLETE	0.0		9/27/96		6/30/93		
6601079	1067: RECEIPT OF RCRA PERMIT	0.0		6/13/96		6/30/93		

# **SECTION 1**

# **EXECUTIVE SUMMARY**

**LOS ALAMOS NATIONAL LABORATORY  
ENVIRONMENTAL MANAGEMENT DIVISION  
DECONTAMINATION AND DECOMMISSIONING PROGRAM  
EXECUTIVE SUMMARY FOR PERIOD ENDING JUNE 30, 1993**

**PROGRAM ACCOMPLISHMENTS:**

- Two new Project Leaders on board for D&D

**TECHNICAL STATUS:**

- Waiting for response to NESHAP approval package for TA-21 remediation.

**COST STATUS: FY93 ETC for all active ADS's.**

- ADS 1051: Is under budget by approximately \$355K.
- ADS 1051B: Is under budget by approximately \$263K.
- ADS 1054: Is over budget by approximately \$21K.
- ADS 1055: Is over budget by approximately \$280K.

**SCHEDULE STATUS:**

- ADS's 1051/1051B: Are on schedule.
- ADS 1054: Has a eight month schedule slip because resources early in the year were shifted to facility transition and a new project leader was coming up to speed up the project.
- ADS 1055: Has a eighteen month schedule slip in starting remediation at TA-21 three and four South due to NESHAP permit application. The final NESHAP approval package is submitted to EPA, and no response has been received by LANL.

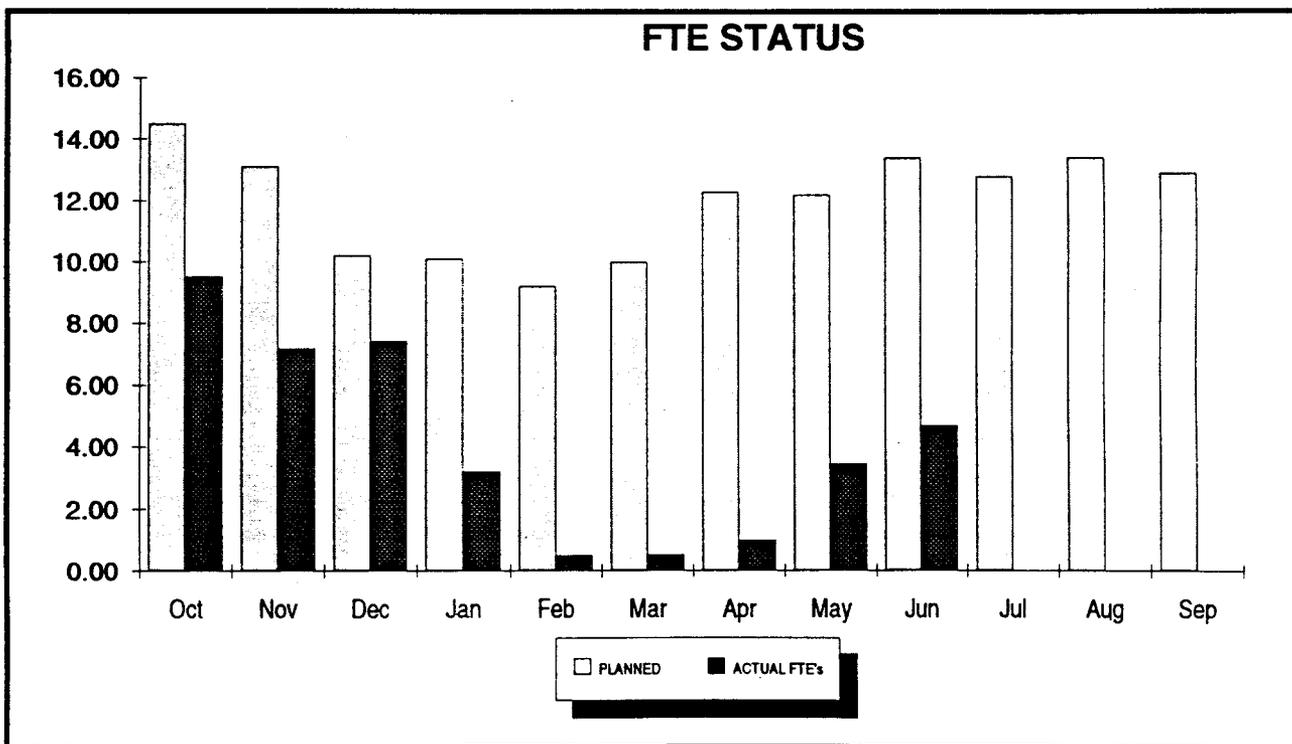
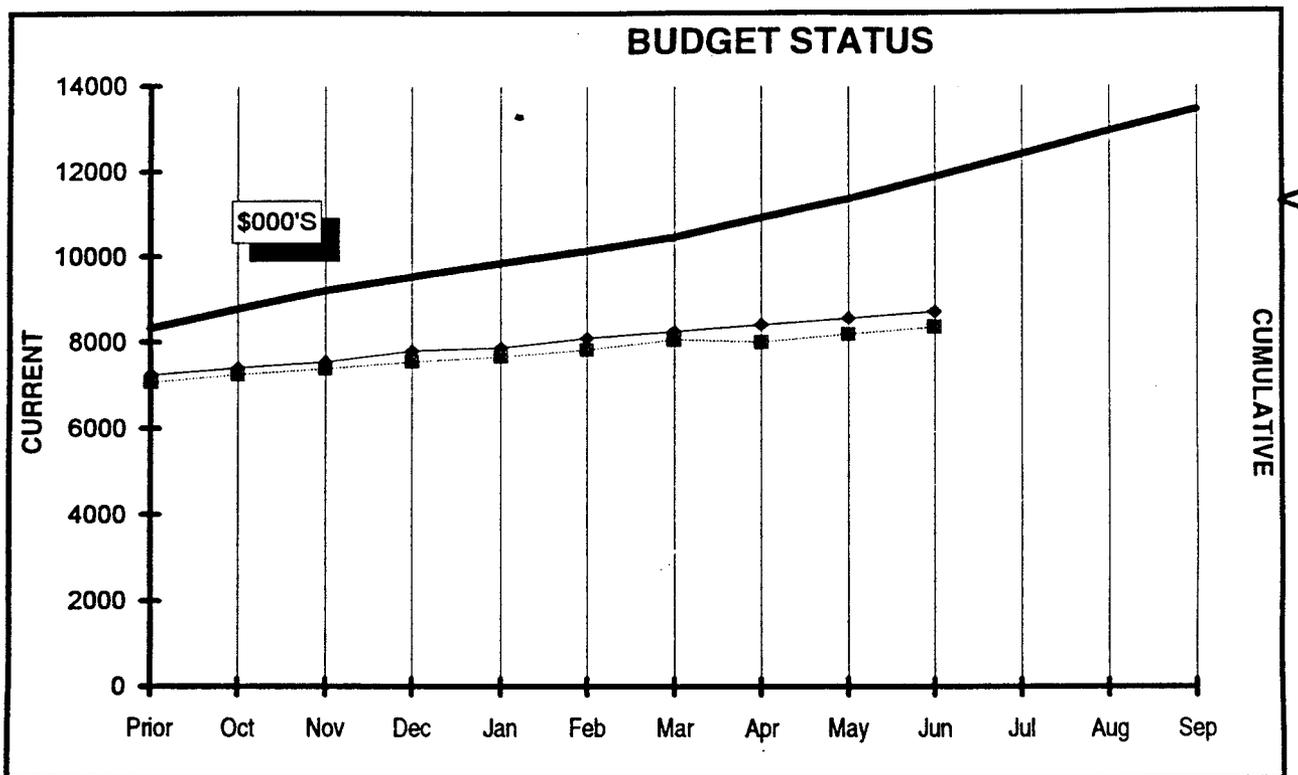
**HQ MILESTONES:**

- ADS 1051/1051B: Are on schedule.
- ADS 1054: The start of remediation has slipped eight months.
- ADS 1055: Finish Assessment/Start Remediation originally planned to occur March 18, 1992. The new estimated date is August 16, 1993. This slip in the planned date is due to a change in technical requirements primarily due to the need to get NESHAP approval from EPA.

**AREAS OF CONCERN:**

- Only \$809.6K of the expected \$1248K carryover is allocated to LANL.
- Creating BCP for fiscal year 1994.

LOS ALAMOS NATIONAL LABORATORY  
 DECONTAMINATION AND DECOMMISSIONING PROGRAM



\* October and November actual FTE's revised to reconcile with actuals for that time period.

LOS ALAMOS NATIONAL LABORATORY  
FISCAL YEAR 1993 COST PLAN (\$K)

Project Name: Decontamination and Decommissioning Program			Submitted By: Robert Vocke						
Date: July 20, 1993			Reporting Level: ADS					Current Period: Period Ending 30 June 93	
ADS NO.	ADS TITLE	Program Codes	FY-93 Baseline Budget	FY-93 Fin Plan Alloc	FY-93 YTD Actuals	% BASELINE SPENT	FY-93 Projected Costs	Projected (Over) / Under Run	Comments
1051	DP Facilities Management	M252	1,345.0	1,100.5	757.4	56%	990.0	355.0	Baseline differs from allocation due to \$308K OMB holdback.
1051B	Non-DP Management	M253	390.0	390.0	26.5	7%	126.9	263.1	Projected underrun is committed and approved work scope. It is work scope apportioned with ADS 1054.
1053A	LAPRE II	M250			4.6		4.6	-4.6	FIN Plan allocation is in ADS 1055 instead of 1053A
1054	Phase Separator Pit	M249/M256	1,741.0	1,821.7	182.3	10%	1,761.8	-20.8	
1055	TA-21 DP West Entire Site	M254/M255	1,608.0	2,581.4	277.9	17%	1,328.0	280.0	Projected underrun is committed and approved work scope.
			5,084.0	5,893.6	1,248.6	25%	4,211.3	872.7	

FY-93 BO/BA	5,893.6
FY-93 Holdback Funds	443.0
FY-93 Total Projected BO/BA	6,336.6

**SECTION 8  
ADS MILESTONE LIST**

ALBUQUERQUE OPERATIONS OFFICE  
 ENVIRONMENTAL RESTORATION PROJECT OFFICE  
 MILESTONE REPORT

DATE: 20 July 1993

REPORTING PERIOD: 01 June 93 thru 30 June 93

INSTALLATION NAME: Los Alamos National Laboratory Decontamination & Decommissioning Program

WBS #	OU/ADS/MILESTONE	%COMP.	BAC	PLAN		ESTIMATE		ACTUAL	
		BCWP/BAC	X \$1000	START	STOP	START	STOP	START	STOP
6.2.0	PRE-FY92 D&D PROJECTS								
	FY87-FY90 NON-DP FUNDED D&D PROJECTS	100.0%	\$5,589	1-Oct-86	30-Sep-90			1-Oct-86	1-Oct-92
	FY91 NON-DP FUNDED D&D PROJECTS	100.0%	\$20	25-Sep-87	1-Oct-91			1-Oct-90	1-Jun-92
	FY91 DP FUNDED PROJECTS	100.0%	\$53	25-Sep-87	1-Oct-91			1-Oct-90	1-Jul-92
6.2.1	LAPRE II REACTOR D&D								
	1053: ASSESSMENT (NOT USED)	N/A	\$0	N/A	N/A	N/A	N/A	N/A	N/A
	1053-A: ASSESSMENT	100.0%	\$137	1-Oct-87	30-Oct-91			1-Oct-87	1-Oct-92
	2120: REMEDIATION	100.0%	\$68	1-Feb-91	28-Feb-92			1-Feb-91	1-Oct-92
6.2.2	1054: TA-35 PHASE SEPARATOR PIT D&D								
	ASSESSMENT	29.6%	\$545	3-Sep-92	1-Oct-93		24-Jan-94	3-Sep-92	
	REMEDICATION	0.0%	\$5,550	9-Apr-93	30-Sep-94	25-Jan-94	19-Jul-95		
6.2.3	1055: DP WEST SITE D&D								
	TA-21 BUILDINGS 3&4 SOUTH D&D								
	ASSESSMENT	99.7%	\$300	25-Sep-87	1-Apr-93		16-Aug-93	26-Jul-89	
	REMEDICATION	0.4%	\$6,939	18-Mar-92	10-Apr-95		19-Sep-96		
	TA-21 ALL OTHER BUILDINGS D&D								
	ASSESSMENT	0.0%	\$25,561	1-Oct-93	30-Sep-04				
	REMEDICATION	0.0%	\$111,363	1-Oct-93	30-Sep-04				
6.2.4	CMR BUILDING WING ONE D&D (CANCELLED)								
	2111: ASSESSMENT	N/A	\$0	N/A	N/A	N/A	N/A	N/A	N/A
	2124: REMEDIATION	N/A	\$0	N/A	N/A	N/A	N/A	N/A	N/A
6.2.5	CMR BUILDING WING TWO D&D (CANCELLED)								
	2112: ASSESSMENT	N/A	\$0	N/A	N/A	N/A	N/A	N/A	N/A
	2125: REMEDIATION	N/A	\$0	N/A	N/A	N/A	N/A	N/A	N/A
6.2.6	CMR BUILDING WING FOUR D&D (CANCELLED)								
	2113: ASSESSMENT	N/A	\$0	N/A	N/A	N/A	N/A	N/A	N/A
	2126: REMEDIATION	N/A	\$0	N/A	N/A	N/A	N/A	N/A	N/A

ALBUQUERQUE OPERATIONS OFFICE  
 ENVIRONMENTAL RESTORATION PROJECT OFFICE  
 MILESTONE REPORT

DATE: 20 July 1993

REPORTING PERIOD: 01 June 93 thru 30 June 93

INSTALLATION NAME: Los Alamos National Laboratory Decontamination & Decommissioning Program

WBS #	OU/ADS/MILESTONE	%COMP.	BAC	PLAN		ESTIMATE		ACTUAL	
		BCWP/BAC	X \$1000	START	STOP	START	STOP	START	STOP
6.2.7	CMR BUILDING WING NINE D&D (CANCELLED) 1050: ASSESSMENT 2123: REMEDIATION	N/A N/A	\$0 \$0	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A
6.2.8	2136 : TA-16 HE CONTAMINATED SITE D&D ASSESSMENT REMEDICATION	0.0% 0.0%	\$890 \$16,048	1-Oct-93 1-Oct-93	2-Nov-94 30-Sep-98				
6.2.9	2135: TA-33 BLDG 33 TRITIUM FACILITY ASSESSMENT REMEDICATION	0.0% 0.0%	\$107 \$1,020	1-Oct-93 12-Jan-94	11-Jan-94 5-Aug-94				
6.2.10	2134: TA-3 SM-35 PRESS BUILDING ASSESSMENT REMEDICATION	0.0% 0.0%	\$327 \$6,471	1-Oct-93 10-May-94	9-May-94 5-Apr-96				
6.3.1	1051: DEFENSE FACILITIES MANAGEMENT FY 92 PROGRAM MANAGEMENT FY 93 PROGRAM MANAGEMENT FY 94 PROGRAM MANAGEMENT FY 95 PROGRAM MANAGEMENT FY 96 PROGRAM MANAGEMENT FY 97 PROGRAM MANAGEMENT FY 98 PROGRAM MANAGEMENT FY 99 PROGRAM MANAGEMENT FY 00 PROGRAM MANAGEMENT FY 01 PROGRAM MANAGEMENT FY 02 PROGRAM MANAGEMENT FY 03 PROGRAM MANAGEMENT FY 04 PROGRAM MANAGEMENT	100.0% 73.9% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0%	\$1,030 \$1,346 \$1,655 \$1,741 \$1,836 \$1,937 \$2,041 \$2,153 \$2,250 \$2,374 \$2,504 \$2,641 \$2,786	1-Oct-91 1-Oct-92 1-Oct-93 3-Oct-94 2-Oct-95 1-Oct-96 1-Oct-97 1-Oct-98 1-Oct-99 2-Oct-00 1-Oct-01 1-Oct-02 1-Oct-03	30-Sep-92 30-Sep-93 30-Sep-94 29-Sep-95 30-Sep-96 30-Sep-97 30-Sep-98 30-Sep-99 29-Sep-00 28-Sep-01 30-Sep-02 30-Sep-03 30-Sep-04		30-Sep-93	1-Oct-91 1-Oct-92	30-Sep-92

ALBUQUERQUE OPERATIONS OFFICE  
 ENVIRONMENTAL RESTORATION PROJECT OFFICE  
 MILESTONE REPORT

DATE: 20 July 1993

REPORTING PERIOD: 01 June 93 thru 30 June 93

INSTALLATION NAME: Los Alamos National Laboratory Decontamination & Decommissioning Program

WBS #	OU/ADS/MILESTONE	%COMP.	BAC	PLAN		ESTIMATE		ACTUAL	
		BCWP/BAC	X \$1000	START	STOP	START	STOP	START	STOP
6.3.2	1051B: NON-DEFENSE FACILITIES MANAGEMENT								
	FY 93 PROGRAM MANAGEMENT	73.9%	\$391	1-Oct-92	30-Sep-93		30-Sep-93	1-Oct-92	
	FY 94 PROGRAM MANAGEMENT	0.0%	\$227	1-Oct-93	30-Sep-94				
	FY 95 PROGRAM MANAGEMENT	N/A	\$0	N/A	N/A				
6.4.1	1070: DP FACILITIES S&M (FY 91)	100.0%	\$19	1-Oct-90	30-Sep-91			1-Oct-90	1-Sep-92
6.4.2	1050-B: NON-DP FACILITIES S&D (FY 91)	N/A	\$0	1-Oct-90	30-Sep-91			1-Oct-90	30-Sep-91
6.4.3	2138: DP FACILITIES S&M (FY94+)								
	FY 94 S&M	0.0%	\$1,554	1-Oct-93	30-Sep-94				
	FY 95 S&M	0.0%	\$1,633	3-Oct-94	29-Sep-95				
	FY 96 S&M	0.0%	\$1,719	1-Oct-95	30-Sep-96				
	FY 97 S&M	0.0%	\$1,809	1-Oct-96	30-Sep-97				
	FY 98 S&M	0.0%	\$1,904	1-Oct-97	30-Sep-98				
	FY 99 S&M	0.0%	\$2,003	1-Oct-98	30-Sep-99				
	FY 00 S&M	0.0%	\$2,108	1-Oct-99	29-Sep-00				
	FY 01 S&M	0.0%	\$2,218	2-Oct-00	28-Sep-01				
	FY 02 S&M	0.0%	\$2,334	1-Oct-01	30-Sep-02				
	FY 03 S&M	0.0%	\$2,456	1-Oct-02	30-Sep-03				
FY 04 S&M	0.0%	\$2,584	1-Oct-03	30-Sep-04					
6.7.4	2137: D&D PROGRAM TECHNICAL SUPPORT								
	FY 94 TECHNICAL SUPPORT	0.0%	\$919	1-Oct-93	30-Sep-94				
	FY 95 TECHNICAL SUPPORT	0.0%	\$525	2-Oct-94	29-Sep-95				
	FY 96 TECHNICAL SUPPORT	0.0%	\$554	2-Oct-95	30-Sep-96				
	FY 97 TECHNICAL SUPPORT	0.0%	\$584	1-Oct-96	30-Sep-97				
	FY 98 TECHNICAL SUPPORT	0.0%	\$615	1-Oct-97	30-Sep-98				

\$233,436

NOTE:

All Elements are planned and estimated through the entire project lifecycle except for the following :  
 6.3.1 DP Facilities, 6.3.2 Non-DP Facilities, & 6.7.4 Technical Support.