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Environmental Restoration Project
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Date: May 10, 1996
Refer to: EM/ER:96-264



Mr. Ted Taylor
Los Alamos Area Office
US Department of Energy, MS A316
Los Alamos, NM 87544

SUBJECT: INTERIM ACTION PLAN FOR ACTIVITIES AT TECHNICAL AREA (TA) 36, POTENTIAL RELEASE SITE (PRS) 36-001

Dear Ted:

Enclosed for your records please find a copy of the Interim Action Plan for activities in TA-36, PRS 36-001. The planned activities include surface water run-off control to reduce the potential for migration from the site. This activity is planned for completion in fiscal year 1996. Informational copies are also being distributed to the regulators.

If you have any questions, please call Gene Gould at (505) 667-0402 or verett Trollinger at (505) 667-5801. Thank you for your cooperation in this matter.

Sincerely,

Jorg Jansen
Jorg Jansen, Program Manager
Environmental Restoration

J/bp

nclosure: Interim Action Plan for TA-36, PRS 36-001

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Mr. Ted Taylor
EM/ER:96-264

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May 10, 1996

Bartman
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Interim Action Plan for

**Potential Release Site
36-001**

Field Unit 2

**Environmental
Restoration
Project**

May 1996

A Department of Energy
Environmental Cleanup Program

Los Alamos
NATIONAL LABORATORY

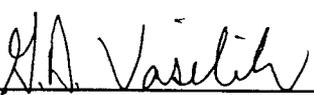
Interim Action Plan for MDA AA

PRS 36-001

Field Unit 2

Field Project Leader Approval  Date 4/26/96
Gene Gould

ESH-18 Representative Approval/Review  Date 4/26/96
Mike Alexander

Facility Representative Concurrence  Date 5/6/96
Jerry Vasilik

1.0 Rational and Objective of Interim Action

An interim action will be conducted at MDA AA (PRS 36-001) to reduce the potential for contaminant migration from the site. MDA AA consists of buried trenches containing ash and debris possibly contaminated with high explosives (HE), barium, uranium, and RCRA metals. This interim action is necessary to keep erosional channels from exposing trench material. A final remedy for the site will be proposed following a review of the sample results from the 1995 field sampling. The objectives are

- to slow the movement of stormwater in gullies to reduce erosion;
- to allow sediments to settle in gullies; and
- to provide a long-term, low-maintenance solution to erosion of the eastern edge of the site.

2.0 Site Description and Characterization Data

MDA AA is located within TA-36 in Potrillo Canyon. The site consists of a series of trenches used for the burning and disposal of HE shot test debris. Operations at the trenches included unloading debris from shot residues into an open trench and burning it. When a trench was filled with burned debris, it was covered with 3 to 4 feet of soil. The debris included wood, nails, sand, metals, and plastics possibly contaminated with HE, barium, uranium, and RCRA metals.

During the 1995 field season, the approximate trench boundaries were delineated and ash/debris materials were sampled. No alluvial aquifer was encountered to a depth of 27 feet. Walk-through surveys determined that the eastern boundary of the southern trench area approaches a drainage culvert. Erosion channels extend toward the trenches in numerous locations.

3.0 Interim Action

A cobble and mesh dam will be constructed in each of the erosion gullies. Each gully will be lined with wire mesh, filled with cobble, and secured with stakes or cobbles.

4.0 Monitoring and Confirmatory Activities

Not applicable

5.0 Maintenance and Inspection

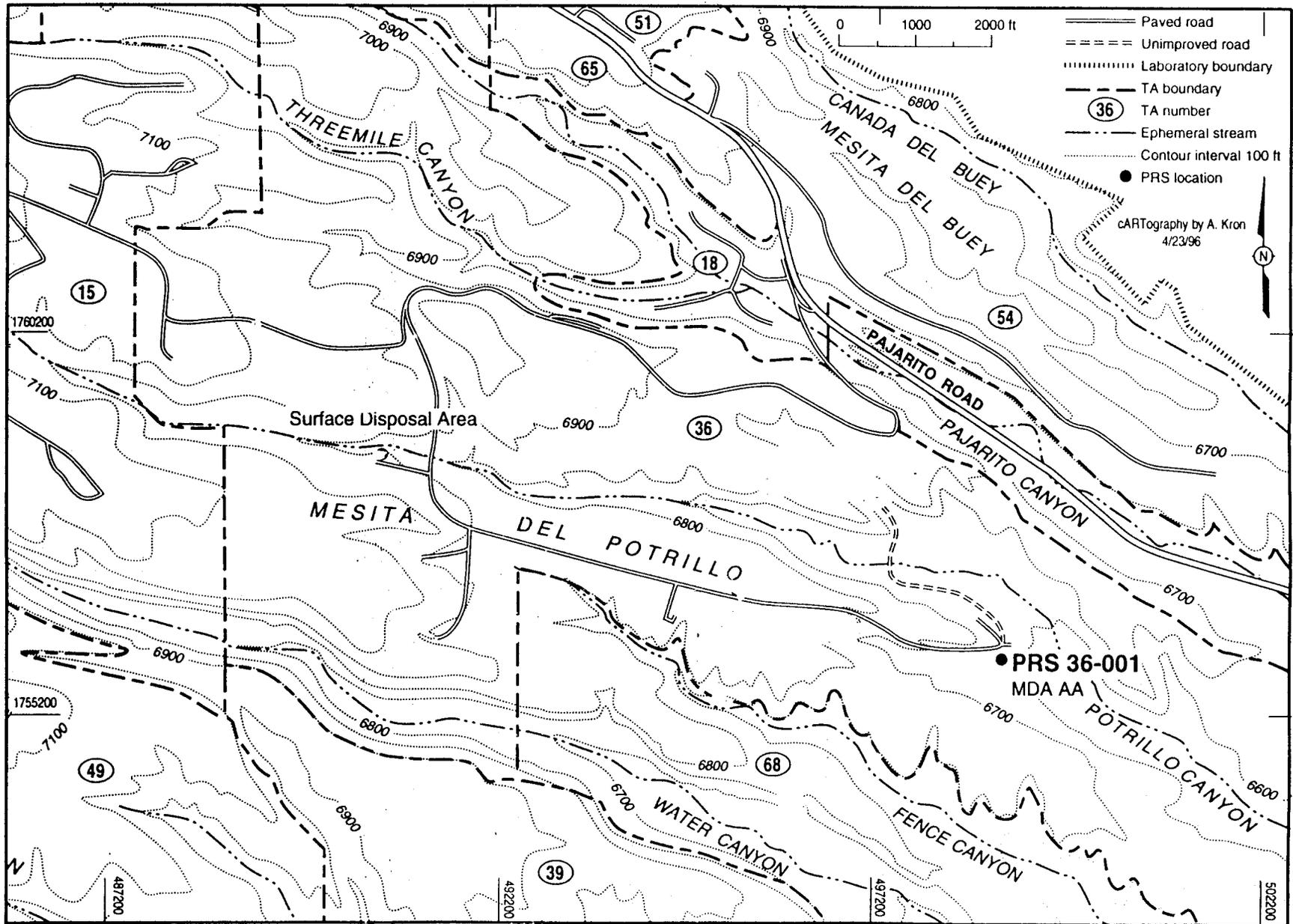
The gullies will be monitored after significant storms to assess the effectiveness of the dams.

6.0 Waste Management

Hazardous or radioactive wastes will not be generated.

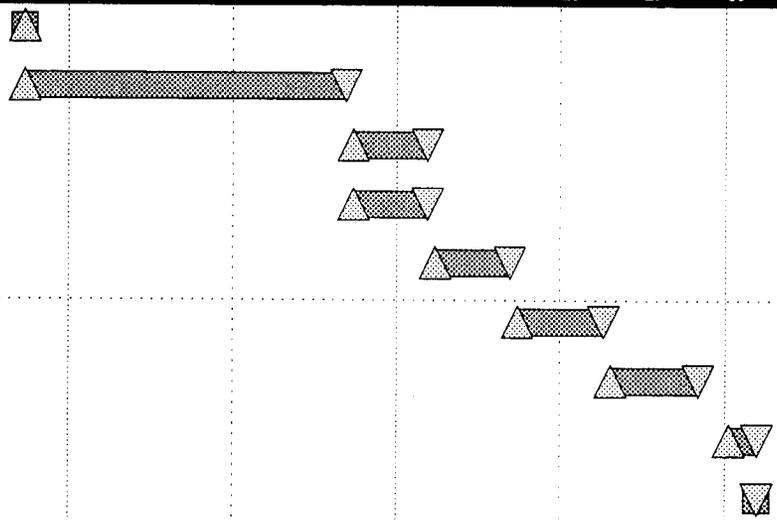
7.0 Schedule and Cost

The interim action will be conducted in early May. Two figures and a table of anticipated costs are attached.



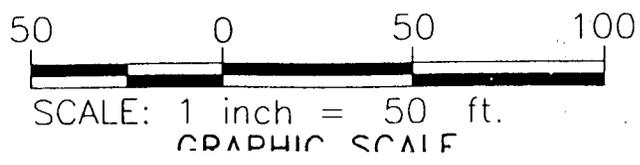
Locations of PRSs 36-001, Material Disposal Area AA

Description	Budgeted Cost	1996											
		01	08	APR			06	MAY			JUN		
				15	22	29		13	20	27	03	10	17
START INTERIM ACTION 36-001	0												
DEVELOP INTERIM ACTION PLAN/ISSUE	4,946												
DOE/INTERNAL REVIEW OF IA PLAN	0												
PREPARE FOR INTERIM ACTION CLEANUP	2,247												
INTERIM ACTION CLEANUP 36-001	10,995												
DEVELOP FINAL IA REPORT 36-001	4,947												
LANL/DOE REVIEW OF IA REPORT 36-001	2,008												
ISSUE FINAL INTERIM ACTION REPORT	2,600												
PRS:36-001 EPA INTERIM ACTION REPORT	0												
MATERIALS	850												
TOTAL	28,593												



PRS 36-001,MDA AA

LEGEND	
RFI SAMPLE LOCATION	x 3131
EROSION GULLEY	•
CULVERT	- . - . - .



3131 x
3132 x 3133 x
3130 x 3127 x 3128 x 3129 x

