



# 15-DAY FOLLOW-UP RELEASE / DISCHARGE NOTIFICATION

LOS ALAMOS NATIONAL LABORATORY  
Permit Number: NM0028355

Calendar Year

1999

NPDES or Operational Spill/Release   
ER Spill/Release   
Other Spill/Release

Indicate with "X" in appropriate box.

Release ID Number:

68

Responsible Facility/User Group: F-4

Contact Person: Gilbert Montoya

Pager #: NA

Phone #: 665-5932

Cell Phone #: NA

Release/Discharge Location:

TA: 41

Building: outside

This potable water line break occurred approximately 200 yards east of TA-41. Flow extended down the access road to just beyond the entrance of TA-2. Water, and sediment eroded from the pipe break and along the road did enter the Los Alamos Canyon streamcourse located approximately 50 feet to the North of the line break.

If the release/discharge is associated with a NPDES Outfall, Potential Release Site (PRS) or Solid Waste Management Unit (SWMU), indicate the site/unit number and its relationship to the release/discharge:

NPDES Outfall:  PRS:  SWMU:  PRS/SWMU Number:

Indicate with "X" in appropriate box(es)

Relationship of the Discharge to a SWMU or PRS:

Information obtained from the ER RFI for OU 1098 indicates that no SWMU's or PRS's were impacted by this discharge.

Discharge Occurred: 2/4/1999 7:00 am  
Date & Time

Discharge Discovered: 2/4/1999 7:00 am  
Date & Time

Discharge Stopped: 2/4/1999 8:00 am  
Date & Time

Cleanup Started: 2/4/1999 8:30 am  
Date & Time

Cleanup Completed: 2/5/1999 4:00 pm  
Date & Time

Material(s) Released / Discharged:

Approximately 500,000 gallons of potable water and an unknown amount of eroded sediment were released to the Los Alamos Canyon stream course due to the sub surface failure of a 6" PVC potable water line.

Release/Discharge Mitigation Method:

The ruptured section of line was isolated and the discharge stopped by valving the section off. The repair of the line is underway.

Weather Conditions:

Cold, clear

Duration of Release/ Discharge, in HOURS: -1

Est. Volume Released/ Discharged, in GAL. 500,000

Est. Volume Recovered, in GAL. 0

Corrective Actions Taken (ie, type of BMPs, etc):

Excavation and repair of the site of the line break was begun immediately. BMP's were placed at the site of the line break during excavation and repair in order to prevent any further sediment impact to the nearby stream course.

Nearest Watercourse (Canyon Name)

Los Alamos Canyon



2502

Hswa LANL 4/1098/41

TU

## WATER QUALITY &amp; HYDROLOGY GROUP (ESH-18)

## FAX TRANSMITTAL SHEET

FAX #: (505) 665-9344

VERIFICATION #: (505) 665-0453

DATE: February 25, 1999LOG NO: ESH-18:99-FAX-

TO: B. Hoditschek FAX #: (505) 827-0160 PHONE # (505) 827-0596 GRP ORG NMED/SWQB

TO: S. Yanicak FAX #: (505) 672-0466 PHONE # (505) 672-04 GRP ORG NMED/AIP

TO: B. Enz FAX #: (505) 982-8278 PHONE # (505) 982-4038 GRP ORG DOE/LAAO

TO: Everett Spencer FAX #: (214) 665-6490 PHONE # (214) 665-6080 GRP ORG EPA Region VI  
(214) 665-6475

TO: Deb Woitte FAX #: (505) 665-4424 PHONE # (505) 667-3766 GRP ORG LC GEN

TO: R. Martinez FAX #: (505) 665-6977 PHONE # (505) 665-0033 GRP ORG ESH-7

TO: J. Horner FAX #: (505) 827-2965 PHONE # (505) 827-1014 GRP ORG NMED/GWQB  
J. Jacobsen

TO: John Kieling FAX #: (505) 827-1544 PHONE # (505) 827-1557 GRP ORG NMED/HRMB

TO: G. Montoya FAX #: 665-6636 PHONE # 665-5932 GRP ORG F-4

FROM: Harvey Decker, ESH-18, MS K497 PHONE #: (505) 665-2014MESSAGE: 15 day release notification report for TA-2/41, broken Potable Water lineNUMBER OF PAGES TO FOLLOW: 2Cy: ESH-18 FAX FILE  
CRM-4, MS A150  
ESH-18, spill file

GROUP LEADER/TEAM LEADER

H.D for M.S

Release Number 63.....page 2 of 2.

If the release/discharge reached a watercourse, describe the estimated surface area affected, presence of release/discharge now in the watercourse, and the media the release/discharge was detected in:

The released potable water and eroded sediment did enter the Los Alamos stream course located approximately 50 feet to the north of the line break. Approximately 3000 sq. ft. estimated, of the stream course was impacted by this discharge. Depth to first ground water is estimated at 10 feet. Depth to the regional aquifer is estimated to be 800 feet.

Depth to Groundwater, In FT, if known: 10

Distance to Nearest Drinking Water Well, In FT, if known: 1760 Well ID# OW-4

	Contact Person	Phone	Fax	Date & Time (or Comment)	
EPA:	E. Spencer	214-665-6475	214-665-6490	By fax	
NMED/SWQB:	B. Hoditschek	827-0596	827-0160	2/4/1999	9:07 am
NMED/GWQB:	J. Jacobsen	827-2918	827-2965	2/4/1999	3:00 pm
NMED/HRMB:	J. Keiling	827-1557	827-1544	2/4/1999	9:23 am
NMED/DOE-OB:	S. Yanicak	672-0448	672-0466	2/4/1999	9:04 am
ESH-18:	H. Decker	665-2014	665-9344	2/4/1999	7:50 am
DOE:	J. Plum	665-5024	665-4872	2/5/1999	2:00 pm (e-mail)
OTHER:	Rubel Martinez	667-0622	665-6977	2/4/1999	9:01 am
OTHER:					

Comments:

Form Completed By: H. Decker

7 Day Notice  7 Day Notice Date: 2/8/1999 7 Day Notice By: H. Decker

Mark "X" when done.

Comments:

15 day Follow-up Due: 2/25/1999 15-day Follow-Up By: H. Decker

Comments: A site visit with B. Hodtschek and J. Archuleta was performed on 2/9/99. It was agreed that attempting to remove the deposited sediment from the streamcourse would cause more damage than necessary. B. Hodtschek indicated that she would work with the AIP staff in White Rock, to possibly collect a sediment sample and that this sampling, if it takes place would be coordinated with ESH-18. At this time the broken water line had been repaired. Additionally, in a phone conversation with Mr. J. Horner on 2/10/99, Mr. Horner indicated that the GWQB had no concerns with this discharge at this time.

NMED 30 Day Response Date:

Comments:

G. Thomas Todd, Area Manager  
Los Alamos Area Office  
Department of Energy  
Los Alamos, New Mexico 87544  
(505) 667-5105

Dennis J. Erickson, ESH Division Director  
University of California  
Los Alamos National Laboratory  
P.O. Box 1663, MS K491  
Los Alamos, New Mexico 87544  
(505) 667-4218