

RELEASE / DISCHARGE NOTIFICATION

LOS ALAMOS NATIONAL LABORATORY

Permit Number: NMO028355

Calendar Year

1999

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

Indicate with "X" in appropriate box.

Release ID Number:

67

Responsible Facility/User Group: F-4

Contact Person: Gilbert Montoya

Pager #: NA

Phone #: 865-5932

Cell Phone #: NA

Release/Discharge Location:

This break of a potable water line occurred approximately 100 yards west of the TA-2 facility. The line is underground running parallel to Omega road in Los Alamos Canyon.

TA: 2

Building:

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:

SWMU's potentially impacted by this discharge include 2-008(a) old cooling tower blowdown discharge point, 2-008(b) old photo processing outfall discharge point and 2-008G an area of residual contamination to the east of the facility in the streamcourse.

Discharge Occurred: 5/16/1999 2:55 am
Date & Time

Discharge Discovered: 5/16/1999 2:55 am
Date & Time

Discharge Stopped: 5/16/1999 6:58 am
Date & Time

Cleanup Started: 5/17/1999 6:00 am
Date & Time

Cleanup Completed:
Date & Time

Material(s) Released / Discharged:

An estimated 500,000 gallons of potable water was released due to a line failure.

Release/Discharge Mitigation Method:

The flow of water to the line break was halted by closing the supply valve(s). The line is to be repaired.

Weather Conditions:

clear, cool

Duration of Release/ Discharge, in HOURS: 4

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

Est. Volume Recovered, in GAL:

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

The erosion area caused by the flowing water will be repaired and BMP's will be put into place in order to contain any additional eroded sediment from entering the streamcourse. A Pressure Relief Valve (PRV) is to be installed to prevent overpressure and failure of the line in the future.

Nearest Watercourse (Canyon Name)

Los Alamos Canyon



HSCIA LANL 4/1098/d

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 water did flow into Los Alamos Canyon water course. The stream currently has snowmelt run-off in it and the discharged water co-mingled with that flow.

Depth to Groundwater, in FT, if known: 50

Distance to Nearest Drinking Water Well, in FT, if known: 2500 Well ID# OW-1

	Contact Person	Phone	Fax	Date & Time (or Comment)	
EPA:	E. Spencer	214-865-6475	214-865-8490	5/17/1999	by fax
NMED/SWQB:	N. Wells	827-0572	827-0180	5/17/1999	1:30 pm
NMED/GWQB:	R. Montes	827-0184	827-2965	5/17/1999	10:45 am (v-mail)
NMED/HRMB:	J. Keiling	827-1557	827-1544	5/17/1999	10:47 am (v-mail)
NMED/DOE-OB:	S. Yanicak	672-0448	672-0466	5/17/1999	10:54 am (v-mail)
ESH-18:	H. Decker	665-2014	665-9344	5/18/1999	6:00 am
DOE:	Bob Erz	982-4038	982-8278	5/17/1999	10:55 am (v-mail)
OTHER:	Rubel Martinez	667-0622	665-8977	5/17/1999	11:00 am
OTHER:	E. Hoth	665-8002	665-8160	5/16/1999	

Comments: Samples were collected and analyzed for Rad components on 5/16/99. No Detectable Activity was measured for Gross Alpha, Gamma, Beta, Tritium and photon activity. An additional sample was submitted on 5/17/99 for Metals analysis and the data will be submitted upon receipt.

Form Completed By: H. Decker

7 Day Notice 7 Day Notice Date: 5/17/1999 7 Day Notice By: H. Decker

Mark "X" when done.

Comments:

15 day Follow-up Due: 15-day Follow-Up By: H. Decker

Comments:

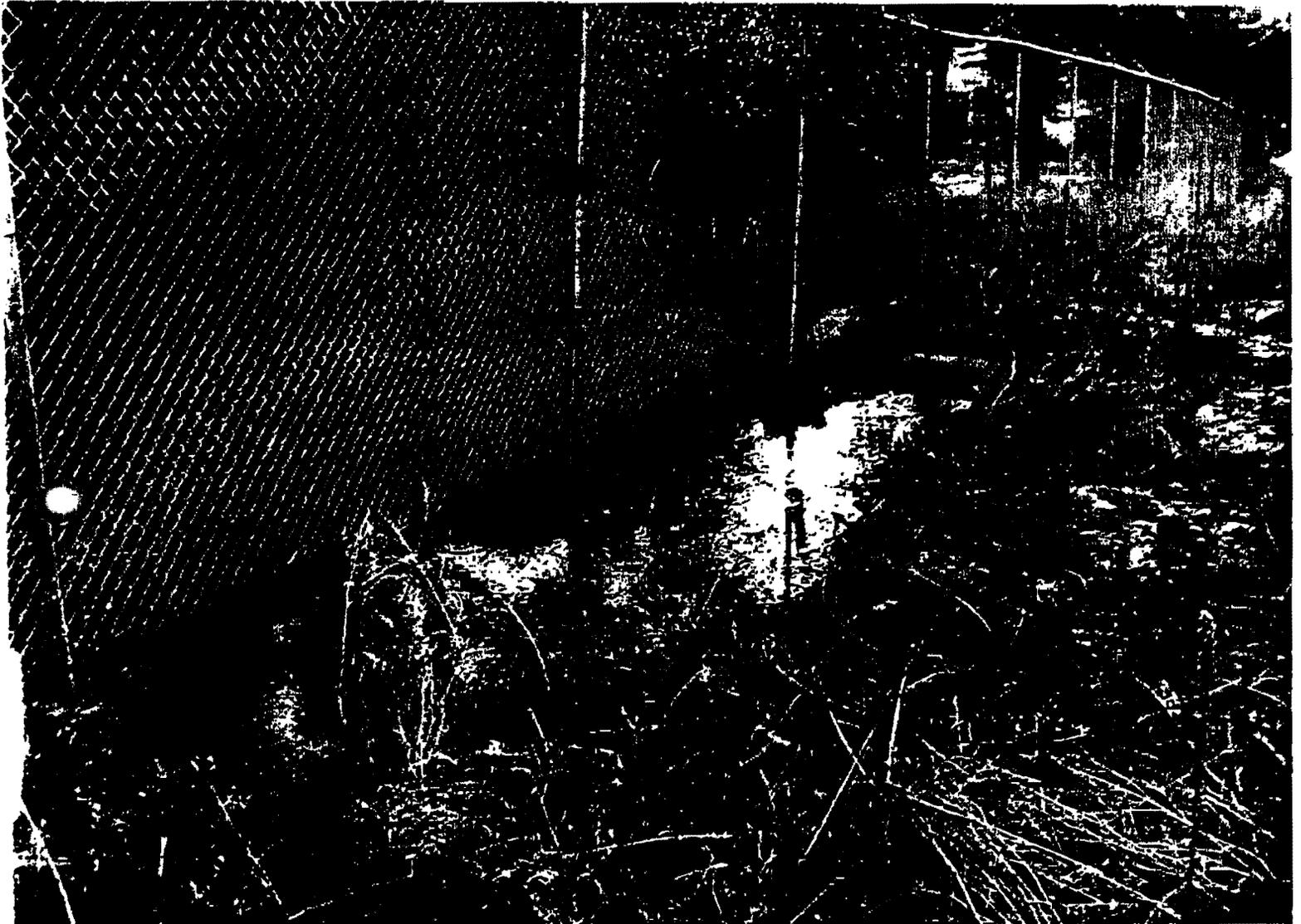
NMED 30 Day Response Date:

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

Location of line break
5-16-99
TA-2-water line break

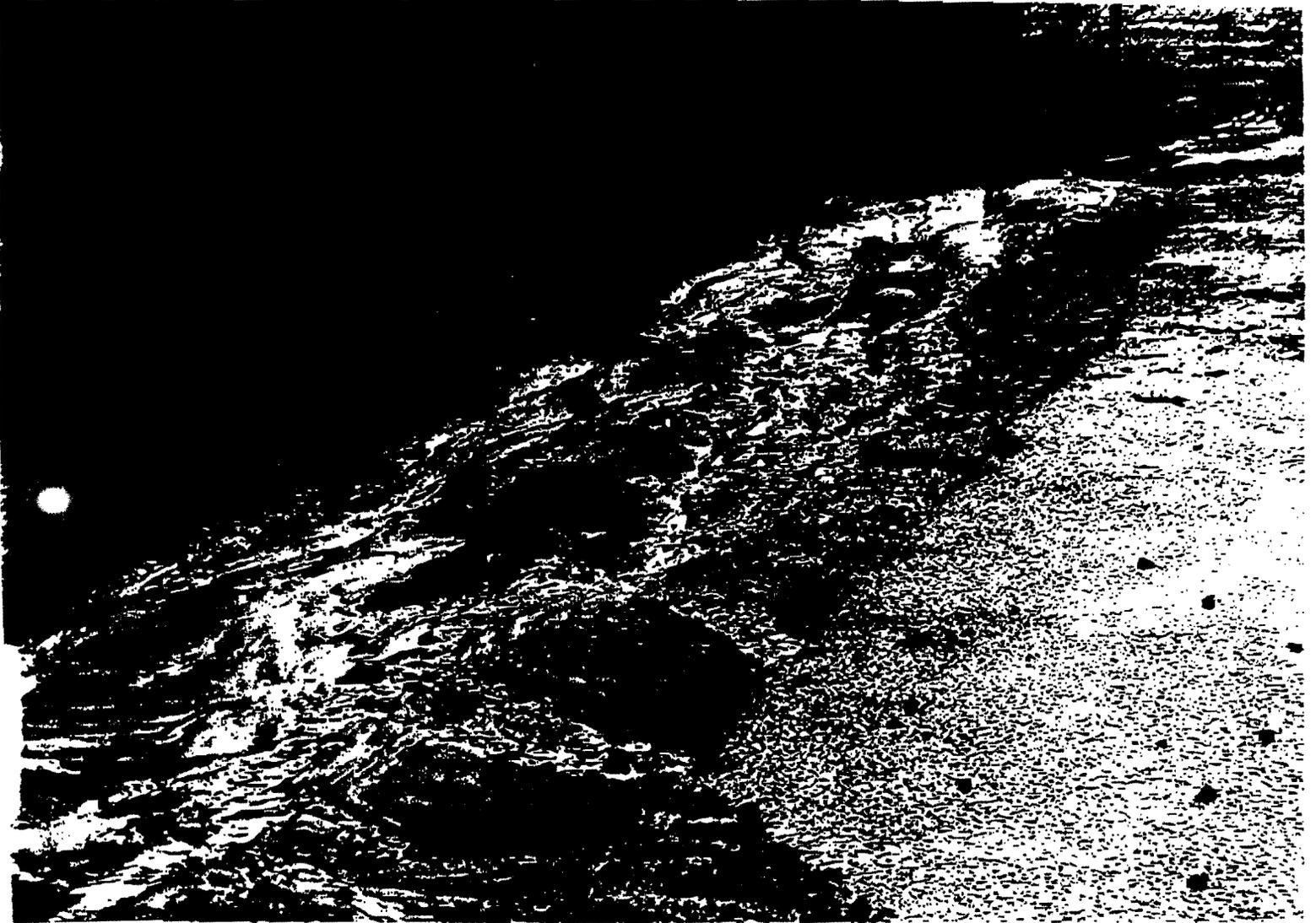




S-16-99 TA-2-walk line break

Along Roadway

5-16-99 TA-2 water line break



WATER QUALITY & HYDROLOGY GROUP (ESH-18)

FAX TRANSMITTAL SHEET

FAX #: (505) 665-9344

VERIFICATION #: (505) 665-0453

DATE: May 17, 1999

LOG NO: ESH-18:99-FAX-

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

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/LAO

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

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

TO: R. Martinez FAX #: (505) 665-6977 PHONE # (505) 665-6976 GRP ORG ESH-7

TO: R. Montes FAX #: (505) 827-2965 PHONE # (505) 827-1014 GRP ORG NMED/GWQB

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

TO: E. Hoth FAX #: 665-6636 PHONE # 665-5932 GRP ORG F-4

FROM: Harvey Decker, ESH-18, MS K497 PHONE #: (505) 665-2014

MESSAGE: 7 day report on the TA-2 Potable Water line failure. Copies of digital pictures included. If the pictures do not transmit well please notify me by e-mail at hld@lanl.gov and I will send them to you electronically.

NUMBER OF PAGES TO FOLLOW: 5

Cy: ESH-18 FAX FILE
CRM-4, MS A150
ESH-18, spill file

GROUP LEADER/TEAM LEADER

H.D for M.S

HSWA LANL 4/1098/2

TL