

# RELEASE / DISCHARGE NOTIFICATION

LOS ALAMOS NATIONAL LABORATORY

Permit Number: NM0028355

Calendar Year

1998

NPDES or Operational Spill/Release

ER Spill/Release

Other Spill/Release

Indicate with "X" in appropriate box.

Release ID Number:

50

Responsible Facility/User Group: FMU 62

Contact Person: Jim Dalton

Pager #: 104-2454

Phone #: 665-4343

Cell Phone #: 699-0908

Release/Discharge Location:

The release of grease/water mix occurred on the south side of TA-3-261 (Otown Cafeteria) from the grease trap.

TA: 3

Building: 261

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: 3-013(a)

Indicate with "X" in appropriate box(es)

### Relationship of the Discharge to a SWMU or PRS:

The grease trap overflowed due to a plugged line. The flow extended approximately 75 yards to a storm drain which empties on to SWMU 3-013(a & b) located approximately 400 yards from the original discharge point. Flow from the discharge point of the storm drain travelled approximately 75 feet downgradient.

Discharge Occurred: 11/16/1998 6:30 am  
Date & Time

Discharge Discovered: 11/16/1998 6:30 am  
Date & Time

Discharge Stopped: 11/16/1998 7:45 am  
Date & Time

Cleanup Started: 11/16/1998 10:00 am  
Date & Time

Cleanup Completed: 11/17/1998 11:00 am  
Date & Time

### Material(s) Released / Discharged:

Approximately 2000 gallons of a grease/water mixture was discharged to the environment due to the grease trap overflowing because of a plugged line.

### Release/Discharge Mitigation Method:

The entire area impacted by the discharge was disinfected with a 10% bleach/water solution applied with a hand sprayer. The storm drain was blocked and the area washed down. All wash water was vacuumed into a container truck for disposal. The impacted storm drain and area below the storm drain was also disinfected. A small temporary dam was built to collect wash water used to clean the storm drain. The wash water from the storm drain was vacuumed into a container truck for disposal back into the grease trap or at the SWSC plant.

### Weather Conditions:

Clear/warm

Duration of Release/ Discharge, in HOURS: 1.75

Est. Volume Released/ Discharged, in GAL. 2000

Est. Volume Recovered, in GAL. 2000

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

The immediate area of the discharge was barricaded and the storm drain was blocked. The area below the discharge point of the storm drain was also blocked with a small, temporary dam in order to collect the wash water and to eliminate the potential for transport of contaminants beyond the impacted area. All wash down water was collected for disposal either back into the grease trap or at the SWSC plant.

Nearest Watercourse (Canyon Name) Sandia Canyon



HSWT LANL 1/11/4/3

TL

Release Number 50...3-013(a)...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:

Total surface area impacted is estimated at 3000 sq. ft. Approximately 300 sq. ft of the discharge was in the watercourse.

Depth to Groundwater, in FT, if known: 1000

Distance to Nearest Drinking Water Well, in FT, if known: 8000 Well ID# OW-4

7 DAY RELEASE / DISCHARGE NOTIFICATION

	Contact Person	Phone	Fax	Date & Time (or Comment)	
EPA:	E. Spencer	214-665-6475	214-665-6490	11/18/1998	by fax
NMED/SWQB:	N. Wells	827-0572	827-0160	11/17/1998	10:15 am
NMED/GWQB:	Jlm Horner	8270-1014	827-2965	11/17/1998	1:26 pm (v-mail)
NMED/HRMB:	J. Kelling	827-1557	827-1544	11/17/1998	10:32 am (v-mail)
NMED/DOE-OB:	S. Yanicak	672-0448	672-0466	11/17/1998	1:40 pm
ESH-18:	H. Decker	665-2014	665-9314	11/16/1998	7:28 am
DOE:	J. Plum	665-5024	665-4872	11/17/1998	10:15 am
OTHER:	D. Woitte	667-3766	665-4424	11/18/1998	by fax
OTHER:	Patricia Vadaro-Charles	665-6976	665-6977	11/16/1998	8:30 am

Comments: Until a corrective action plan can be developed for this grease trap, the system will be inspected and pumped at a more frequent interval.

Form Completed By: H. Decker

7 DAY RELEASE / DISCHARGE ACTION

7 Day Notice  7 Day Notice Date: 11/18/1998 7 Day Notice By: H. Decker

Mark "X" when done.

Comments: Potential Contaminants of Concern for the above listed SWMU's are metals. I am currently attempting to track any samples and analysis that may be available for this location if any.

15 DAY RELEASE / DISCHARGE ACTION

15 day Follow-up Due: 11/30/1998 15-day Follow-up By: H. Decker

Comments: The grease trap is scheduled for more frequent inspections until a thorough cleaning is completed. Other corrective actions being considered are re-design of the grease trap for more efficient operation in order to help eliminate overflows.

NMED 30 DAY APPROVAL / DISAPPROVAL

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

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

## FAX TRANSMITTAL SHEET

FAX #: (505) 665-9344

VERIFICATION #: (505) 665-0453

DATE: November 30, 1998LOG NO: ESH-18:98-FAX-

✓TO:	<u>B. Hoditschek</u> <u>N. Wells</u>	FAX #:	<u>(505) 827-0160</u>	PHONE #	<u>(505) 827-0596</u>	GRP ORG	<u>NMED/SWQB</u>
✓TO:	<u>S. Yanicak</u>	FAX #:	<u>(505) 672-0466</u>	PHONE #	<u>(505) 672-04</u>	GRP ORG	<u>NMED/AIP</u>
✓TO:	<u>J. Plum, T. Walz</u> <u>J. Mose</u>	FAX #:	<u>(505) 665-4504</u>	PHONE #	<u>(505) 665-7202</u>	GRP ORG	<u>DOE/LAAO</u>
✓TO:	<u>Everett Spencer</u>	FAX #:	<u>(214) 665-6490</u>	PHONE #	<u>(214) 665-6080</u> <u>(214) 665-6475</u>	GRP ORG	<u>EPA Region VI</u>
✓TO:	<u>Deb Woitte</u>	FAX #:	<u>(505) 665-4424</u>	PHONE #	<u>(505) 667-3766</u>	GRP ORG	<u>LC GEN</u>
✓TO:	<u>P. Vardaro</u>	FAX #:	<u>(505) 665-6977</u>	PHONE #	<u>(505) 665-0033</u>	GRP ORG	<u>ESH-7</u>
✓TO:	<u>Jim Horner</u>	FAX #:	<u>(505) 827-2965</u>	PHONE #	<u>(505) 827-1014</u>	GRP ORG	<u>NMED/GWPB</u>
TO:	<u>John Kieling</u>	FAX #:	<u>(505) 827-1544</u>	PHONE #	<u>(505) 827-1557</u>	GRP ORG	<u>NMED/HRMB</u>
TO:	<u>                    </u>	FAX #:	<u>                    </u>	PHONE #	<u>                    </u>	GRP ORG	<u>                    </u>

FROM: Harvey Decker, ESH-18, MS K497 PHONE #: (505) 665-2014MESSAGE: 15 day release notification report for 11/16/98 TA-3-261 grease trap overflowNUMBER OF PAGES TO FOLLOW: 2Cy: ESH-18 FAX FILE  
CRM-4, MS A150  
ESH-18, spill file

GROUP LEADER/TEAM LEADER

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