



*Environmental Stewardship Division*  
*Water Quality & Hydrology Group (ENV-WQH)*  
P.O. Box 1663, Mail Stop K497  
Los Alamos, New Mexico 87545  
(505) 667-7969/FAX: (505) 665-9344

Refer To: ENV-WQH: 05-

DATE: 9/2/2005 LOG NO: WQH-FAX-05-  
FROM: Tim Zimmerly Phone#: 505-664-0105

TO: Everett Spencer ORG: EPA  
FAX#: 214-665-2168 PHONE#: 214-665-6475

TO: Bret Lucas ORG: NMED-SWQB  
FAX#: 505-827-0160 PHONE#: 505-827-2933

TO: Curt Frischkorn ORG: NMED-GWQB  
FAX#: 505-827-2965 PHONE#: 505-827-2198

TO: John Young ORG: NMED-HWB  
FAX#: 505-428-2567 PHONE#: 505-428-2538

TO: Ralph Ford-Schmid ORG: NMED/DOE-OB  
FAX#: 505-827-1544 PHONE#: 505-428-2500

TO: Gene Turner ORG: DOE  
FAX#: 505-665-4872 PHONE#: 505-667-5794

TO: Alice Barr ORG: ENV-SWRC  
FAX#: 505-667-5224 PHONE#: 505-667-0820

TO: Mike Strevell ORG: PM-DO  
FAX#: 505-667-1196 PHONE#: 505-665-5058

TO: Rick Alexander ORG: NWIS-RLW  
FAX#: 505-665-6320 PHONE#: 505-665-7020

TO: James R. Jones ORG: PM-IP  
FAX#: 505-667-3989 PHONE#: 505-665-0144





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DATE: 9/2/2005 LOG NO: WQH-FAX-05-  
FROM: Tim Zimmerly Phone#: 505-664-0105

TO: Paula Diepolder ORG: PM-DS  
FAX#: 505-667-9116 PHONE#: 505-667-3549

TO: Barbara Stine ORG: ADTS  
FAX#: 505-665-1812 PHONE#: 505-667-0079

TO: Tori George ORG: ENV DIVISION  
FAX#: 505-665-8190 PHONE#: 505-667-7883

TO: Dave Szucs ORG: AUSTIN COMPANY  
FAX#: 949-451-9011 PHONE#: 949-451-9032

MESSAGE: Attached you will find the 7-Day Release/Discharge Notification for a storm water discharge at the TA-50 Pumpouse Construction Site at Los Alamos National Laboratory. Please contact Tim Zimmerly (505-664-0105 or 505-699-7621) if you have any questions on this matter.  
Thank you.

NUMBER OF PAGES TO FOLLOW: 2

TA 50

# RELEASE / DISCHARGE NOTIFICATION

LOS ALAMOS NATIONAL LABORATORY

Permit Number: NM0028355

Calendar Year

2005

NPDES or Operational Spill/Release <input checked="" type="checkbox"/>	} Indicate with "X" in appropriate box.	Release ID Number:
ER Spill/Release <input type="checkbox"/>		153
Other Spill/Release <input type="checkbox"/>		

Responsible Facility/User Group:

Contact Person:  Pager #:

Phone #:  Cell Phone #:

Release/Discharge Location:

TA:

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:

Discharge Occurred:	<input type="text" value="8/29/2005 12:45"/>	Date & Time	Discharge Discovered:	<input type="text" value="8/29/2005 12:45"/>	Date & Time	Discharge Stopped:	<input type="text" value="8/29/2005 12:50"/>	Date & Time
Cleanup Started:	<input type="text" value="8/29/2005 1:00"/>	Date & Time	Cleanup Completed:	<input type="text" value="9/7/2005 ongoing"/>	Date & Time			

**Material(s) Released / Discharged:**

A retention basin was constructed on 8/25/05 to retain storm water pumped from the basement of the construction site. The storm water was being retained on site and allowed to dissipate by percolation and evaporation. The basin was initially filled on 8/25/05 and the failure occurred on 8/29/05 at 12:45 pm. Storm water with sediment was released to Tensite Canyon.

**Release/Discharge Mitigation Method:**

The front end loader that was on site immediately moved to the location of the breach and placed soil in the area of the berm to stop any additional discharge. The retention basin will not be used any longer and future storm water will be pumped into an aboveground storage tank and will be used on the site for dust suppression.

**Weather Conditions:**

Duration of Release/ Discharge, in HOURS:	<input type="text" value="&lt;5 min"/>	Est. Volume Released/ Discharged, in GAL.	<input type="text" value="18,000"/>	Est. Volume Recovered, in GAL.	<input type="text" value="1,800"/>
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**Corrective Actions Taken (ie, type of BMPs, etc):**

At the time of the discharge, an additional earthen berm was in place to the east downhill slope of the site. Two rows of silt fences were also in place at the toe of the slope. Visible sediment and rocks were recovered where practicable on the gunitite slope leading to Tensite Canyon. An above ground tank will be used to retain storm water in the future.

Nearest Watercourse (Canyon Name)

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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 width of the bottom of Tensite Canyon is approximately 4 feet and the extent of the discharge flowed approximately 0.75 miles to the east in Tensite Canyon. The bottom of the canyon consists of weathered volcanic tuff.

Depth to Groundwater, in FT, if known: -1000

Distance to Nearest Drinking Water Well, in FT, if known: -5750 Well ID#: PM-5

24-HOUR RELEASE/DISCHARGE NOTIFICATIONS

	Contact Person	Phone	Fax	Date & Time (or Comment)	
EPA:	E. Spencer	214-885-6475	214-885-2168	9/2/2005	FAX
NMED/SWQB:	Bret Lucas	827-2830	827-0160	8/30/2005	9:00 am
NMED/GWQB:	Curt Frischkorn	827-2910	827-2965	9/2/2005	FAX
NMED/HRMB:	John Young	428-2530	428-2567	9/2/2005	FAX
NMED/DOE-OB:	Ralph Fordschmid	428-2500	827-1544	8/30/2005	& 9/2/05 FAX
ENV-WQH:	Tim Zimmerly	664-0100	665-9344	9/2/2005	FAX
DOE:	Gene Turner	667-5790	505-885-4872	9/1/2005	3:00 pm
OTHER:	NMED Spill Phone Line	505-428-2500	505-428-2587	8/29/2005	5:45 pm
OTHER:	Alice Barr	667-0820	667-5224	9/2/2005	FAX

Comments: Tim Zimmerly (ENV-WQH) provided a verbal 24-hour release notification via phone message at 5:45pm on 8/29/05. Sand bags placed at site perimeter to prevent storm water run-on into the TA50 construction site.

Form Completed By: Tim Zimmerly

7-DAY RELEASE/DISCHARGE ACTIONS

7 Day Notice  7 Day Notice Date: 9/2/2005 7 Day Notice By: Tim Zimmerly

Mark "X" when done.

Comments: Site berms and slopes redressed and silt fences restored. Sediment retrieved where practical. An above ground storage tank brought on site to retain storm water on site

15-DAY RELEASE/DISCHARGE ACTIONS

15 day Follow-up Due: 9/12/2005 15-day Follow-Up By: Tim Zimmerly

Comments:

NMED 30-DAY APPROVAL/DISAPPROVAL

NMED 30 Day Response Date: 9/28/2005

Comments:

Edwin Wilmot, Director  
Office of Los Alamos Site Operations  
Department of Energy  
Los Alamos, New Mexico 87544  
(505) 667-5105

Kenneth Hargis, Acting ENV Division Director  
University of California  
Los Alamos National Laboratory  
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