

TA 21



*Environmental Protection Division
Water Quality & RCRA (ENV-RCRA)*
P.O. Box 1663, Mail Stop K490
Los Alamos, New Mexico 87545
(505) 667-0666/FAX: (505) 667-5224

Date: January 26, 2007
Refer To: ENV-RCRA: 07-015
LA-UR: 06-6669

Ms. Marcy Leavitt, Bureau Chief
Surface Water Quality Bureau
New Mexico Environment Department
Harold Runnels Building, Room N2050
P.O. Box 26110
1190 St. Francis Drive
Santa Fe, NM, 87502

**SUBJECT: POTABLE WATER RELEASE NEAR TECHNICAL AREA (TA) 21
BUILDING 89, REQUEST FOR CLOSURE UNDER NMWQCC
REGULATIONS**

Dear Ms. Leavitt:

On December 7, 2006, the Laboratory's Water Quality and RCRA Group (ENV-RCRA) notified the New Mexico Environment Department (NMED) of a potable water release to the environment near TA-21-89 pursuant to the New Mexico Water Quality Control Commission (NMWQCC) Regulations (20.6.2 NMAC).

The Laboratory has submitted all NMWQCC notification and reporting requirements, and completed corrective actions associated with this release. Enclosed for your review is the Updated Release / Discharge Notification form (Enclosure 1).

The Laboratory is requesting that NMED closeout this release under the NMWQCC Regulations (20.6.2 NMAC). Please contact Mark Haagenstad at (505) 665-2014 if you have any questions.

Sincerely,

Anthony R. Grieggs
Group Leader
Water Quality & RCRA Group (ENV-RCRA)

ARG/MH/tag



11027

ARG/MH/tag

Enclosure: a/s

Cy: Richard Powell, NMED/SWQB, Santa Fe, NM, w/enc.
Chris Vick, NMED/GWQB, Santa Fe, NM, w/enc.
Steve Connolly, NMED/HWB, Santa Fe, NM, w/enc.
Erik Galloway, NMED/OB, w/enc., MS J993
Steve Yanicak, NMED/OB, w/enc., MS J993
Gene Turner, NNSA/LASO, w/enc., MS A316
Richard V. Bynum, PADOPS, w/enc., MS A102
Richard Watkins, ADESHQ, w/o enc., MS K491
Tori George, ENV-DO, w/o enc., MS J978
Mike Saladen, ENV-RCRA, w/o enc., MS K490
Mark Haagenstad, ENV-RCRA, w/enc., MS K490
Andrew Erickson, FME-IFCS, w/enc., MS P908
Alva Sisneros, QA-OA, w/enc., MS M987
ENV-RCRA, File, w/enc., MS K490
IRM-RMMSO, w/enc., MS A150

Enclosure 1

RELEASE / DISCHARGE NOTIFICATION

LOS ALAMOS NATIONAL LABORATORY LA-UR-96-8755

Permit Number: NM0028355

Calendar Year

2006

NPDES or Operational Spill/Release

ER Spill/Release

Other Spill/Release

Indicate with "X" in appropriate box.

Release ID Number:

166

Responsible Facility/User Group: FME-IFCS

Contact Person: Andrew Erickson

Pager #: 664-5913

Phone #: 665-2272

Cell Phone #: 231-1430

Release/Discharge Location:

TA: 21

Building: 89

The discharge occurred from a waterline rupture north of TA-21-89. The waterline rupture occurred sometime between the evening of 12/6/06 and the morning of 12/7/06. The water flowed into the run-on diversion channel at MDA-T and did not flow onto SWMU 21-0016(a)-99.

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:

21-016(a)

Indicate with "X" in appropriate box(es).

Relationship of the Discharge to a SWMU or PRS:

The potable water from the unplanned discharge flowed into the run-on diversion channel around MDA-T (SWMU 21-016(a)-99). Water did not flow onto the SWMU surface.

Discharge Occurred: 12/6/2006 Unknown
Date & Time

Discharge Discovered: 12/7/2006 8:00 a.m.
Date & Time

Discharge Stopped: 12/7/2006 9:00 a.m.
Date & Time

Cleanup Started: 12/7/2006 8:00 a.m.
Date & Time

Cleanup Completed: 12/14/2006 5:00 p.m.
Date & Time

Material(s) Released / Discharged:

Potable Water.

Release/Discharge Mitigation Method:

The water from the release flowed into the MDA-T run-on diversion channel. The FFCA/AO storm water run-on BMPs prevented water from entering SWMU 0016(a)-99.

Weather Conditions:

Cold and clear.

Duration of Release/
Discharge, in HOURS: Unknown

Est. Volume Released/
Discharged, in gallons. 2,000

Est. Volume Recovered,
in gallons. 0

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

The waterline was repaired on 12/14/2006. Laboratory personnel assessed the flow path of the potable water and determined that there were no direct discharges onto SWMU 21-0016(a)-99. The run-on diversion channel for MDA-T prevented water from entering the SWMU.

Nearest Watercourse (Canyon Name)

DP Canyon

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 release did not enter a watercourse. The potable water from the release flowed into the run-on diversion channel around MDA-T. The water remained in the diversion channel and evaporated. The water remained within the fenced area of the MDA-T diversion channel and did not flow to DP Canyon.

Depth to Groundwater, in FT, if known:

Distance to Nearest Drinking Water Well, in FT, if known: Well ID#

24 HOUR RELEASE / DISCHARGE NOTIFICATIONS

	Contact Person	Phone	Fax	Date & Time (or Comment)	
EPA:	<input type="text" value="Sonia Hall"/>	<input type="text" value="214-665-7490"/>	<input type="text" value="214-665-2168"/>	<input type="text" value="12/14/2006"/>	<input type="text" value="7-Day Spill Report"/>
NMED/SWQB:	<input type="text" value="Glenn Saums"/>	<input type="text" value="827-2827"/>	<input type="text" value="827-0160"/>	<input type="text" value="12/7/2006"/>	<input type="text" value="~4:30 p.m."/>
NMED/GWQB:	<input type="text" value="Chris Vick"/>	<input type="text" value="827-0078"/>	<input type="text" value="827-2965"/>	<input type="text" value="12/7/2006"/>	<input type="text" value="email from NMED"/>
NMED/HRMB:	<input type="text" value="John Young"/>	<input type="text" value="428-2538"/>	<input type="text" value="428-2567"/>	<input type="text" value="12/7/2006"/>	<input type="text" value="email from NMED"/>
NMED/DOE-OB:	<input type="text" value="Steve Yanicak"/>	<input type="text" value="672-0448"/>	<input type="text" value="672-0466"/>	<input type="text" value="12/14/2006"/>	<input type="text" value="7-Day Spill Report"/>
ENV-RCRA:	<input type="text" value="Mark Haagenstad"/>	<input type="text" value="665-2014"/>	<input type="text" value="665-9344"/>	<input type="text" value="12/14/2006"/>	<input type="text" value="7-Day Spill Report"/>
DOE:	<input type="text" value="Gene Turner"/>	<input type="text" value="667-5794"/>	<input type="text" value="505-665-4872"/>	<input type="text" value="12/14/2006"/>	<input type="text" value="7-Day Spill Report"/>
OTHER:	<input type="text" value="Andrew Erickson"/>	<input type="text" value="665-2272"/>	<input type="text" value="667-2630"/>	<input type="text" value="12/14/2006"/>	<input type="text" value="7-Day Spill Report"/>
OTHER:	<input type="text" value="Alva Sisneros"/>	<input type="text" value="664-0666"/>	<input type="text" value="665-6977"/>	<input type="text" value="12/14/2006"/>	<input type="text" value="7-Day Spill Report"/>

Comments: On 12/7/2006 at ~4:30 a.m., ENV-RCRA's Mark Haagenstad notified NMED-SWQB's Glen Saums of the release pursuant to 20.6.2.1201 NMAC of the NMWQCC Regulations (General NOI). On 12/11/2006, NMED requested the Laboratory report the release pursuant to 20.6.2.1203 NMAC of the NMWQCC Regulations.

Form Completed By:

7 DAY RELEASE / DISCHARGE ACTIONS

7 Day Notice 7 Day Notice Date: 7 Day Notice By:
 Mark "X" when done.

Comments: No further actions anticipated. The Laboratory will request administrative closure pursuant to 20.6.2.1203 NMAC of the NMWQCC Regulations.

15 DAY RELEASE / DISCHARGE ACTIONS

15 day Follow-up Due: 15-day Follow-Up By:

Comments: No further actions anticipated. The Laboratory will request administrative closure pursuant to 20.6.2.1203 NMAC of the NMWQCC Regulations.

NMED 30 DAY APPROVAL / DISAPPROVAL

NMED 30 Day Response Date:

Comments:

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

Tori George, ENV Division Director
 Los Alamos National Security, LLC.
 Los Alamos National Laboratory
 P.O. Box 1663, MS J978
 Los Alamos, New Mexico 87544
 (505) 667-2211

ESH Internal Notes:

Injuries or Exposure?

Did evacuation occur?

Did fire/explosion occur?

Were facilities or equipment damaged?

Was there a potential for fire/explosion?

Describe any sampling performed during spill cleanup and attach analytical results to this form.

Describe actions taken to prevent recurrence of such a spill.