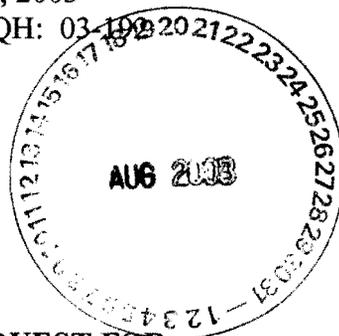


TA-16



Risk Reduction & Environmental Stewardship Division
Water Quality & Hydrology Group (RRES-WQH)
PO Box 1663, MS K497
Los Alamos, New Mexico 87545
(505) 665-1859/Fax: (505) 665-9344

Date: August 11, 2003
Refer to: RRES-WQH: 03-199-202122232425262728293031



Mr. Roger Hustead
New Mexico Environment Department
Hazardous Waste Bureau
P.O. Box 26110
Santa Fe, NM 87502

SUBJECT: SANITARY LIQUID WASTE DISCHARGE AT TA-16-532, REQUEST FOR CLOSURE UNDER NMWQCC REGULATIONS

Dear Mr. Hustead:

On July 24, 2003 the Laboratory's Water Quality and Hydrology Group (RRES-WQH) notified your office of the discharge of rainwater diluted sanitary liquid sewage from an old clarifier tank at TA-16-532 to the environment. The rainwater diluted sewage discharged onto Solid Waste Management Unit (SWMU) 16-004(a)-99, but did not flow beyond the SWMU boundaries. This notification was pursuant to the New Mexico Water Quality Control Commission (NMWQCC) Regulations (20 NMAC 6.2). Enclosed for your review is the 7-Day and 15-Day Release / Discharge Notification (Enclosure 1). Corrective actions associated with this sanitary liquid waste discharge are summarized in the enclosed report.

The Laboratory is requesting that NMED closeout its file for this release under the NMWQCC Regulations (20 NMAC 6.2). Please contact Mark Haagenstad at (505) 665-2014 should you have any questions on this matter.

Sincerely,

Steven Rae
Group Leader
Water Quality & Hydrology Group

MS:MH/tml



Enclosures: a/s

Cy: Everett Spencer, EPA Region 6, Dallas, TX, w/enc.
Brett Lucas, NMED/SWQB, Santa Fe, NM, w/enc.
Stephen Yanicak, NMED, w/enc., MS J993
Gene Turner, DOE/OLASO, w/enc., MS A316
Beverly Ramsey, RRES-DO, w/o enc., MS J591
Kenneth Hargis, RRES-DO, w/o enc., MS J591
Tori George, RRES-DO, w/o enc., MS J591
Doug Stavert, RRES-EP, w/o enc., MS J591
Gabriela Lopez-Escobedo, RRES-ECR, w/enc., MS M992
Tony Grieggs, RRES-SWRC, w/o enc., MS K490
Alice Barr, RRES-SWRC, w/enc., MS K490
Tina Sandoval, RRES-WQH, w/o enc., MS K497
Mike Saladen, RRES-WQH, w/enc., MS K497
Mark Haagenstad, RRES-WQH, w/enc., MS K497
Edward Hoth, FWO-UI, w/enc., MS K718
RRES-WQH File, w/enc., MS K497
IM-5, w/enc., MS A150

ENCLOSURE 1

RELEASE / DISCHARGE NOTIFICATION

LOS ALAMOS NATIONAL LABORATORY

Permit Number: .

Calendar Year

2003

NPDES or Operational Spill/Release }
 ER Spill/Release } Indicate with "X" in appropriate box.
 Other Spill/Release } Release ID Number:

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:

The estimated 1000 gallons of diluted sewage discharged onto Solid Waste Management Unit (SWMU) 16-004(a)-99. The sewage did not discharge beyond the SWMU boundaries. Erosion impacts and sediment transport were minimal due to the low sewage discharge rate to the environment.

Discharge Occurred: ~3:00 a.m. Date & Time
 Discharge Discovered: 11:00 a.m. Date & Time
 Discharge Stopped: 11:00 a.m. Date & Time
 Cleanup Started: 11:30 a.m. Date & Time
 Cleanup Completed: 2:30 p.m. Date & Time

Material(s) Released / Discharged:

The material released was sanitary liquid sewage that was diluted with rainwater that had collected in the clarifier tank. An estimated 6,000 gallons of sewage was diluted inside the clarifier tank with approximately 16,000 gallons of rainwater. An estimated 1,000 gallons of the diluted liquid sewage overflowed from the clarifier tank into the environment.

Release/Discharge Mitigation Method:

The flange valve to the lift station was immediately opened, diverting sewage from the old clarifier tank to the lift station.

Weather Conditions:

Sunny, warm.

Duration of Release/ Discharge, in HOURS: Est. Volume Released/ Discharged, in GAL. Est. Volume Recovered, in GAL.

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

The flange was removed to prevent further recurrence. The wetted area was disinfected with a 10% chlorine in water solution. The clarifier basin was pumped out to within one-to-two foot of the bottom of the clarifier basin and the water was discharged into a nearby lift station, which goes to the TA-46 SWWS Facility for further treatment.

Nearest Watercourse (Canyon Name)

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 sewage release/discharge did not impact or reach a watercourse.

Depth to Groundwater, in FT, if known: ~800

Distance to Nearest Drinking Water Well, in FT, if known: ~22500 Well ID# PM-2

24-HOUR RELEASE / DISCHARGE NOTIFICATIONS

	Contact Person	Phone	Fax	Date & Time (or Comment)	
EPA:	E. Spencer	214-665-6475	214-665-2168	7/30/2003	FAX
NMED/SWQB:	Bret Lucas	827-2933	827-0160	7/30/2003	FAX
NMED/GWQB:	Curt Frischkom	827-2918	827-2965	7/30/2003	FAX
NMED/HRMB:	John Young	428-2538	428-2567	7/30/2003	FAX
NMED/DOE-OB:	Steve Yanicak	672-0448	672-0466	7/30/2003	FAX
RRES-WQH:	Mike Saladen	665-6085	665-9344	7/30/2003	FAX
DOE:	Gene Turner	667-5794	505-665-4872	7/30/2003	FAX
OTHER:	Roger Husted	428-2525	428-2567	7/24/2003	11:00 a.m.
OTHER:	Alice Barr	667-0820	667-5224	7/30/2003	FAX

Comments: Mark Haagenstad (RRES-WQH), Kelly Vanderpoel (RRES-ECR), and Gabriela Lopez Escobedo (RRES-ECR) provided a verbal 24-hour notification to NMED-HWB's Roger Husted at 11:00 a.m. on 07/24/2003. A courtesy voice message call to NMED-HWB's John Young was also given at 11:10 a.m. on 07/24/2003.

Form Completed By: Mark Haagenstad

7 DAY RELEASE / DISCHARGE ACTIONS

7 Day Notice 7 Day Notice Date: 7/30/2003 7 Day Notice By: Mark Haagenstad

Mark "X" when done.

Comments: No additional corrective actions anticipated.

15 DAY RELEASE / DISCHARGE ACTIONS

15 day Follow-up Due: 7/30/2003 15-day Follow-Up By: Mark Haagenstad

Comments: No additional corrective actions anticipated.

NMED 30 DAY APPROVAL / DISAPPROVAL

NMED 30 Day Response Date: 8/22/2003

Comments:

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

Beverly Ramsey, RRES Division Director
University of California
Los Alamos National Laboratory
P.O. Box 1663, MS K491
Los Alamos, New Mexico 87544
(505) 667-4218