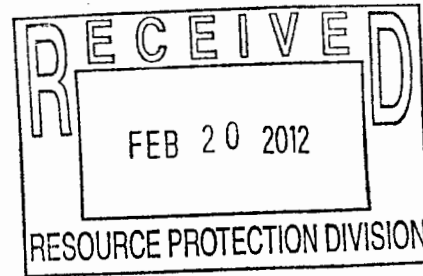


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ENTERED



Environmental Protection Division
Water Quality & RCRA Group (ENV-RCRA)
P.O. Box 1663, Mail Stop M704
Los Alamos, New Mexico 87545
(505) 667-0666/FAX: (505) 667-5224

Date: February 16, 2012
Refer To: ENV-RCRA-12-0045
LAUR: 12-10326

Mr. Jerry Schoeppner
Ground Water Protection Bureau
New Mexico Environment Department
Harold Runnels Building, N2250
1190 St. Francis Drive
P.O. Box 26110
Santa Fe, New Mexico 87502

Mr. James Bearzi
Surface Water Quality Bureau
New Mexico Environment Department
Harold Runnels Building, N2050
1190 St. Francis Drive
P.O. Box 5469
Santa Fe, New Mexico 87502-5469

Dear Mr. Schoeppner and Mr. Bearzi:

SUBJECT: NOTICE OF INTENT TO DISCHARGE KLEVER ICE MELT AT LOS ALAMOS NATIONAL LABORATORY

Enclosed for your review is a Notice of Intent to Discharge (NOI) for the application of Klever Ice Melt. The product is an anti-icing and de-icing solution and would be applied to parking lot and sidewalk surfaces at Los Alamos National Laboratory (LANL) within Technical Area 53. The enclosed NOI is being submitted to the New Mexico Environment Department (NMED) pursuant 20.6.2.1201 NMAC of the New Mexico Water Quality Control Commission (NMWQCC) Regulations. The application of Klever Ice Melt is proposed as a tool to help improve worker safety and decrease potential for slips and falls during icy conditions at the Laboratory.

Please contact Jake Meadows at (505) 606-0185 if additional information would be helpful.

Sincerely,

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

ARG:JM/lm

Cy: Hannah Branning, USEPA/Region 6, Dallas, TX, w/enc.
James Davis, NMED/RPD, Santa Fe, NM, w/enc.
Jennifer Fullam, NMED/GWQB, Santa Fe, NM, w/enc.



Cy (continued):

- ✓ Richard Powell, NMED/SWQB, Santa Fe, NM, w/enc.
- ✓ Erik Galloway, NMED/DOE/OB, Santa Fe, NM, w/enc.
- ✓ Gene Turner, LASO-EO, A316, w/o enc.
- ✓ Jeffrey M. Casalina, LASO-EO, A316, w/o enc.
- ✓ Steve Yanicak, LASO-GOV, M894, w/enc.
- ✓ Carl A. Beard, PADOPS, w/o enc., A102
- ✓ Michael T. Brandt, ADESH, w/o enc., K491
- ✓ Alison M. Dorries, ENV-DO, w/o enc., K491
- ✓ Scotty W. Jones, ENV-DO, w/o enc., K491
- ✓ Daniel Seely, LFO-DO, w/enc., H814, (E-File)
- ✓ John Graham, ESHQ-DR, w/enc., H814, (E-File)
- ✓ Patricia Vardaro-Charles, ENV-ES, w/enc., H814, (E-File)
- ✓ Mike Saladen, ENV-RCRA, w/enc., K490, (E-File)
- ✓ Jacob Meadows, ENV-RCRA, w/enc., K490, (E-File)
- ENV-RCRA File, M704
- IRM-RMMSO, w/enc., A150, (E-File)

NOTICE OF INTENT

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1. Name and address of facility making the discharge.

Los Alamos National Laboratory
P.O. Box 1663
Los Alamos, New Mexico 87545

2. Location of the discharge (In Township, Range and Section, if available).

The discharge of the de-icing liquid mixture would be applied on parking lots and sidewalks at Technical Area-53 (TA-53). This product is proposed as a tool to reduce the number of slips on ice. Discharges would not occur into water courses, storm water drainage systems, Solid Waste Management Unites (SWMUs) or Areas of Concern (AOCs). The coordinates for the approximate center of the proposed application area are $35^{\circ} 52' 4.32''$ N, $106^{\circ} 15' 25.68''$ W.

3. The means of discharge. (To lagoon, Flowing stream, Water course, Arroyo, Septic tank, other).

The pre-blended mixture of de-icing liquid would be sprayed onto pavement and sidewalks through a hand held spray applicator.

4. The estimated concentration of contaminants (if any) in the discharge.

Klever is a pre-blended mixture is a mix consisting of 32-38% calcium chloride, 51-68% water, and 7% organic proprietary stabilizer, anti-spauling agent and corrosive inhibitor. Enclosure 2 contains the Klever Ice Melt Material Safety Data Sheet (MSDS).

5. The type of operation from which the discharge is derived.

The pre-blended mixture would be applied on asphalt areas, some sidewalks, and building entrances where ice tends to build up during the winter months. The product would be evaluated at TA-53 for effectiveness at preventing and minimizing employee injuries due to slips and falls.

6. The estimated flow to be discharged per day.

Klever would be applied prior to a winter storm moving into the vicinity of TA-53. Approximately 5 gallons of Klever Ice Melt would be used per snow event.

7. The estimated depth to Ground-Water (if available).

The average depth to the regional aquifer is approximately 1,200 feet which varies from 700 feet to 1,400 feet throughout the Laboratory.