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GROUND WATER ENTERED



OCT 21 2009

BUREAU

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

Date: October 14, 2009
Refer To: ENV-RCRA-09-185
LAUR: 09-06373

Mr. William Olson, Bureau Chief
Ground Water Quality Bureau
New Mexico Environment Department
Harold Runnels Building, Room N2250
1190 St. Francis Drive
P.O. Box 26110
Santa Fe, NM 87502



Dear Mr. Olson:

SUBJECT: NOTICE OF INTENT TO DISCHARGE (NOI) FOR THE TREATMENT OF R-39 DEVELOPMENT WATER

Enclosed is a Notice of Intent to Discharge that has been prepared for submittal to the New Mexico Environment Department (NMED) pursuant to 20 NMAC 6.2.1201 of the New Mexico Water Quality Control Commission (NMWQCC) Regulations and the Los Alamos National Laboratory (LANL) NOI Decision Tree for Drilling, Development, Rehabilitation, and Sampling Purge Water. The NOI is being submitted to provide coverage for the treatment and discharge of well development water from Regional Well R-39 that does not meet the water quality criteria for land application. Per disposal pathway P9 of the NOI Decision Tree, LANL is required to seek alternative treatment and/or disposal options and coordinate with the NMED when development water does not meet the NOI Decision Tree land application criteria. LANL staff consulted with Mr. Robert George (NMED-GWQB) regarding the use of carbon absorption to treat the containerized R-39 well development water to meet land application standards. Mr. George determined the following would need to be submitted with the NOI:

- Analytical results of the containerized water to be treated
Other analytical results from the well development water, or sampling purge water (intent to show that the source of the contamination was not the well but the container(s))
Detailed description of treatment process
Statement that treatment is a one-time proposition

All requested information has been included in the enclosed NOI.



Please contact Jake Meadows (505) 606-0185 or Mike Saladen (505) 665-6085 if you have questions or if additional information would be helpful.

Sincerely,



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

ARG:JM/lm

Enclosures: a/s

Cy: Glenn Saums, NMED/SWQB, Santa Fe, NM, w/enc.
Jennifer Fullam, NMED/GWQB, Santa Fe, NM, w/enc.
Robert George, NMED/GWQB, Santa Fe, NM, w/enc.
Steven Yanicak, LASO-GOV, w/enc., M894
Gene Turner, LASO-EO, w/enc., A316
Michael B. Mallory, PADOPS, w/o enc., A102
Chris Cantwell, ADESHQ, w/o enc., K491
Mike Alexander, ADEP-PM, w/enc., K497
Michael Saladen, ENV-RCRA, w/o enc., K490
Mark Haagenstad, ENV-RCRA, w/enc., K490
Jacob Meadows, ENV-RCRA, w/o enc., K490
Terrill Lemke, ENV-RCRA, w/o enc., K490
Marvin Gard, EES-14, w/enc., J495
ENV-DO File, w/o enc., J978
ENV-RCRA File, w/enc., K490
IRM-RMMSO, w/enc., A150