



DEPARTMENT OF ENERGY
 National Nuclear Security Administration
 Los Alamos Site Office
 Los Alamos, New Mexico 87544



7/1/03

LANL
 Facility-wide (Ground Water)

Mr. John Young
 Hazardous Materials Bureau
 New Mexico Environment Department
 P.O. Box 26110
 Santa Fe, New Mexico 87502

Mr. Christopher F. Vick
 Ground Water Quality Bureau
 New Mexico Environment Department
 P.O. Box 26110
 Santa Fe, New Mexico 87502



Subject: Amendment to the Notice of Intent to Discharge, Ground Water Protection Program Wells

Dear Mr. Young and Mr. Vick:

The purpose of this letter is to amend the existing Notice of Intent to Discharge (NOI) for water produced during the drilling, development, and sampling of ground water wells at the Los Alamos National Laboratory (LANL). This amendment serves to add to the NOI seven wells planned for construction in the near future (See Table 1.0). Water produced from the drilling, development, and sampling of wells constructed since 2002 has been discharged under an NOI approved by the New Mexico Environment Department (NMED) on August 7, 2002. On August 16, 2003, the NNSA/LASO submitted an amendment to the existing, approved NOI that proposed the inclusion of three additional wells not included in the original NOI. On November 4, 2004, a second amendment to the approved NOI was submitted by NNSA/LASO for inclusion of an additional 36 wells. This letter further amends the existing, approved NOI to include seven wells planned for construction in the near future.

Table 1.0. Planned Ground Water Protection Program Wells and Boreholes.

Well/Borehole Name	Estimated Depth (ft)	Location	Completion Type
R-16a	700	Near White Rock WWTP	Regional
LAOI-7	350	Los Alamos Canyon	Intermediate
LAOI-3.2A	225	Los Alamos Canyon	Intermediate
LADP-5	650	DP Canyon	Intermediate
CdV-16-2i redrill	900	TA-16	Intermediate
R-23i	700	Pajarito Canyon	Intermediate
R-10a	1165	Lower Sandia Canyon	Regional



All conditions of the existing NOI will be applied to the planned wells and characterization and discharge will be conducted consistent with the standard methods for investigation derived waste provided by letter dated June 28, 2005. Water that is purged during the drilling and development of the Table 1.0 boreholes and wells will be containerized, sampled, and evaluated for compliance with NM WQCC Regulation 3103 ground water standards and applicable RCRA regulatory limits before any discharge occurs. Decisions regarding the discharge of drilling and development water will be made in accordance with the "Workplan NOI Decision Tree" (Revised-7/15/02) and in coordination with the NMED. And finally, drilling and development water approved for discharge will be applied to the land surface or used for dust suppression on access roads or the drill site in accordance with the terms and conditions of the existing NOI.

Please call me at (505) 665-5046 or Tom Whitacre at 665-5042 if additional information is needed.

Sincerely,



Mathew P. Johansen
Groundwater Program
Compliance Manager

ES: 2MJ-007

Enclosures (1)

cc w/enclosure:

J. Ordaz, EM, LASO
T. Whitacre, OPM, LASO
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