



TA46  
**NEW MEXICO**  
**ENVIRONMENT DEPARTMENT**



*Ground Water Quality Bureau*

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RON CURRY  
 Secretary  
 SARA COTTRELL  
 Deputy Secretary

**CERTIFIED MAIL – RETURN RECEIPT REQUESTED**



March 26, 2010

Robert Beers  
 Los Alamos National Laboratory  
 Environmental Protection Division  
 Water Quality & RCRA Group  
 P.O. Box 1663, Mail Stop K490  
 Los Alamos, NM 87545

**RE: Temporary Permission to Discharge, Los Alamos National Laboratory-Technical Area 46 Sanitary Wastewater System, DP-857**

Dear Mr. Beers:

The New Mexico Environment Department has reviewed your request, dated March 8, 2010, for temporary permission to discharge no more than 60,000 gallons of development water from monitoring well R-49 to Los Alamos National Laboratory (LANL)-Technical Area 46 Sanitary Wastewater System (SWWS). Approximately 60,000 gallons of region aquifer ground water produced during the well development stage of constructing monitoring well R-49 will be discharged to the LANL-SWWS for treatment and then discharged through the National Pollutant Discharge Elimination System (NPDES) permitted outfall 13S. The rate of discharge will be approximately 5,000 to 20,000 gallons per week. The proposed discharge is located in TA-46, approximately 3.5 miles southeast of Los Alamos, in Section 26, T19N, R06E, Los Alamos County.

Temporary permission to discharge is hereby granted until July 24, 2010, pursuant to Subsection B of 20.6.2.3106 NMAC of the New Mexico Water Quality Control Commission Regulations. This approval is contingent on your discharging and reporting as described in your March 8, 2010 request and upon the following conditions:

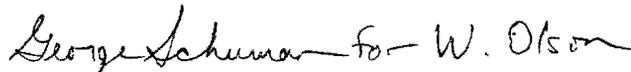


1. LANL shall measure the daily volume of monitoring well development water discharged to LANL-SWWS. The daily and total discharge volume(s) shall be submitted to NMED in the final report.
2. LANL shall collect three samples of treated wastewater from at the NPDES sample station at LANL-SWWS during the period when discharge of the monitoring well development water to LANL-SWWS is occurring and analyze the samples for iron and manganese. Analytical results shall be submitted to NMED in the final report.
3. LANL shall submit a final report to NMED within 30 days of the conclusion of the discharge of monitoring well development water to LANL-SWWS. The report shall include the daily and total volume(s) of monitoring well development water discharged to LANL-SWWS and the analytical results of the iron and manganese samples from LANL-SWWS treated wastewater.

This approval does not relieve you of the responsibility to comply with any other applicable federal, state, and/or local laws and regulations, such as zoning requirements and nuisance ordinances. Also, this approval does not relieve you of liability should your operation result in actual pollution of surface or ground waters.

If you have any questions, please contact either Gerald Knutson at (505) 827-2996 or Robert George at (505) 476-3648.

Sincerely,



William C. Olson, Chief  
Ground Water Quality Bureau

WO:GK

cc: Charles De Saillan, NMED-OGC  
Robert Italiano, Manager, NMED District II  
NMED Santa Fe Field Office  
Glenn Saums, NMED SWQB  
Richard Powell, NMED SWQB  
James Bearzi, NMED HWB  
Steven Yanicak, NMED-DOE-Oversight Bureau  
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