



SUSANA MARTINEZ
Governor

JOHN A. SANCHEZ
Lieutenant Governor

05
ENTERED
NEW MEXICO
ENVIRONMENT DEPARTMENT

Ground Water Quality Bureau

Harold Runnels Building
1190 St. Francis Drive
PO Box 5469, Santa Fe, NM 87502-5469
Phone (505) 827-2918 Fax (505) 827-2965
www.nmenv.state.nm.us



DAVE MARTIN
Secretary

BUTCH TONGATE
Deputy Secretary

CERTIFIED MAIL – RETURN RECEIPT REQUESTED

November 9, 2011

Michael Graham
Associate Director, Environmental Programs
Los Alamos National Laboratory
PO Box 1663, MS-K490
Los Alamos, NM 87544

Chris Cantwell
Associate Director ESH & Q,
Los Alamos National Laboratory
PO Box 1663, MS-K490
Los Alamos, NM 87544

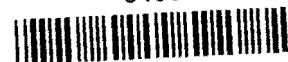
RE: Response to Notice of Intent to Discharge; Discharge Permit Required for Treated Well Development and Pump Test Ground Water Discharge at Regional Monitoring Well R-28, AI:856 (PRD20110004)

Dear Messrs. Graham and Cantwell:

The Ground Water Quality Bureau of the New Mexico Environment Department (NMED) received a Notice of Intent from you on August 29, 2011 (copy enclosed), requesting temporary permission for a one-time discharge of approximately 400,000 gallons of pump test and development water from regional monitoring well R-28. The pump test and development water is to be treated for chromium using an ion exchange treatment system and the treated water is proposed to be land applied on approximately 83 acres via water trucks along approximately three miles of dirt road in the vicinity of regional monitoring well R-28. The notice satisfies the requirements of Subsection A of 20.6.2.1201 NMAC of the New Mexico Water Quality Control Commission (WQCC) Regulations, 20.6.2 NMAC. The proposed discharge is located in Mortandad Canyon, approximately three miles southeast of Los Alamos in Section 24, Township 19N, Range 06E, within the boundaries of Los Alamos National Laboratory, Los Alamos County.

NMED has reviewed the information provided in accordance with Subsection D of 20.6.2.1201 NMAC. In response to a previous NOI submitted (AI856: PRD20100008) for a similar

34903



November 9, 2011

Page 2

discharge (copy enclosed), it was determined by NMED that should LANL seek to perform temporary on-site treatment and discharge of contaminated water at any location within the Laboratory in the future, a single application for a ground water Discharge Permit to cover all on-site treatment activities would be required to be submitted in accordance with Section 20.6.2.3106 NMAC. **You are hereby notified that a Discharge Permit is required for the proposed discharge and all similar discharges of the same nature.**

To apply for a Discharge Permit, you must complete and submit three copies of the enclosed Discharge Permit application, along with the \$100 filing fee. Please be advised that any discharge from this facility without prior written approval from NMED would be a violation of the WQCC Regulations. **Upon submission of an Application for a Discharge Permit, NMED will review the facility's request for Temporary Permission under Subsection B of 20.6.2.3106.**

Any appeal of this determination that a Discharge Permit is required must be made to the New Mexico WQCC within 30 days of receipt of this letter, in accordance with Subsection B of 20.6.2.3112 NMAC. A copy of the WQCC Regulations, 20.6.2 NMAC, is available at http://www.nmcpr.state.nm.us/nmac/_title20/T20C006.htm.

If you have any questions, please contact either Jennifer Fullam at (505) 827-2909 or Clint Marshall, Acting Program Manager of the Ground Water Pollution Prevention Section, at (505) 827-0027.

Sincerely,



Clint Marshall, Acting Program Manager
Ground Water Quality Bureau

CM:JF

Enc: Notice of Intent dated August 24, 2011
NMED Response to Notice of Intent (AI 856: PRD20100008) dated December 16, 2010
Applying for a Discharge Permit: General Information
Discharge Permit Application

cc: Robert Italiano, District Manager, NMED District II
NMED Santa Fe Field Office
DP Required File
County File
James Bearzi, NMED SWQB
Richard Powell, NMED SWQB
John Kieling, NMED HWB
Steven Yanicak, NMED-DOE-Oversight Bureau

Gene Turner, LASO-EO, Los Alamos National Laboratory, A316, Los Alamos, NM
87545

Hai Shen, LASO-EO, Los Alamos National Laboratory, A316, Los Alamos, NM 87545

Carl Beard, PADOPS, Los Alamos National Laboratory, A102, Los Alamos, NM
87545

Victoria George, REG-DO, Los Alamos National Laboratory, M991, Los Alamos,
NM 87545

Kate Lynnes, REG-COM, Los Alamos National Laboratory, M991, Los Alamos, NM
87545

Steve Veenis, PMFS-DO, Los Alamos National Laboratory, M997, Los Alamos, NM
87545

Ted Ball, PMF-FUNCT, Los Alamos National Laboratory, M996, Los Alamos, NM
87545

Mark Everett, ET-EI, Los Alamos National Laboratory, M992, Los Alamos, NM
87545

Michael Saladen ENV-RCRA, Los Alamos National Laboratory, K490, Los Alamos,
NM 87545

Bob Beers, ENV-RCRA, Los Alamos National Laboratory, K490, Los Alamos NM,
87545