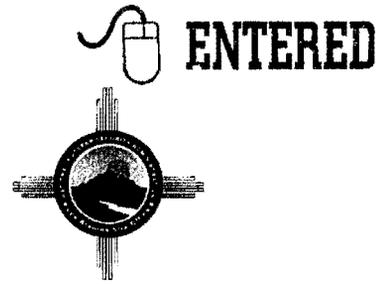


Permit



*Environment, Safety, Health & Quality*  
P.O. Box 1663, K491  
Los Alamos, New Mexico 87545  
(505) 667-4218/FAX: (505) 665-3811

*National Nuclear Security Administration*  
Los Alamos Site Office, A316  
3747 West Jemez Road  
Los Alamos, New Mexico 87545  
(505) 667-5105/FAX (505) 667-5948

Date: September 3, 2009  
Refer To: ESH&Q-09-045  
LAUR: 09-05618

Ms. Claudia Hosch, Chief  
NPDES Permits and TMDL Branch (6WQP)  
U.S. Environmental Protection Agency, Region 6  
1445 Ross Avenue, Suite 1200  
Dallas, TX 75202-2733

Dear Ms. Hosch:

**SUBJECT: NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) APPLICATION TO DISCHARGE FROM CARBON TREATMENT UNITS LOCATED AT SEVERAL SPRINGS WITHIN THE LOS ALAMOS NATIONAL LABORATORY**

Enclosed is the NPDES Application for new discharges to surface water under the National Pollutant Discharge Elimination System (NPDES) for the Los Alamos National Laboratory (LANL). This Application is being submitted by the National Nuclear Security Administration (NNSA) and the Los Alamos National Security (LANS), LLC in accordance with the requirements of 40 CFR 122.21. This Application includes: (1) an introduction addressing environmental and other conditions at LANL and information relevant to the proposed outfalls; (2) a completed U.S. Environmental Protection Agency (EPA) Form 1- "General Information"; (3) completed EPA Form 2Ds – "New Sources and New Dischargers: Application for Permit to Discharge Process Wastewater" covering the 3 proposed outfalls; and (4) other information submitted in support of this Permit Application.

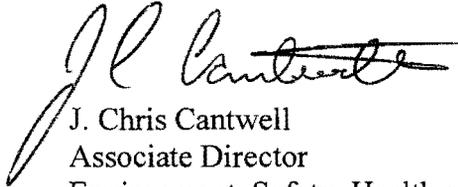
The information used in preparation of this Application was collected at the proposed outfalls over a 2-year period and represents the best information available to the applicants at the present time.

NNSA/LANS appreciate the assistance provided by Mr. Isaac Chen, Region 6 Permit Writer, regarding the preparation of this Application. NNSA/LANS will continue to work closely with EPA during the permit development process in order to provide a new permit, which meets all applicable regulatory requirements under the Clean Water Act.



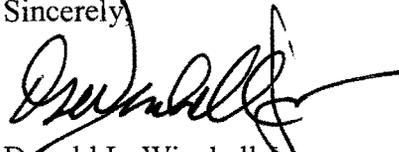
If you need additional information regarding the application, please contact Gene Turner, NNSA at (505) 667-5794 or Mike Saladen, LANS, at (505) 665-6085.

Sincerely,



J. Chris Cantwell  
Associate Director  
Environment, Safety, Health and Quality  
Los Alamos National Security, LLC

Sincerely,



Donald L. Winchell Jr.  
Manager  
Los Alamos Site Office  
National Nuclear Security Administration

JCC:DW:MB/lm

Enclosures: a/s

Cy: Sonia Hall, USEPA/Region 6, Dallas, TX, w/enc.  
Glenn Saums, NMED/SWQB, Santa Fe, NM, w/enc.  
Bill Olson, NMED/GWQB, Santa Fe, NM, w/o enc.  
James Bearzi, NMED/HWB, Santa Fe, NM, w/o enc.  
Michael B. Mallory, PADOPS, w/o enc., A102  
Gene Turner, LASO-EO, w/enc., A136  
Steve Yanicak, LASO-GOV, M894  
Raeanna Sharp-Geiger, WFO-DO, w/o enc., C925  
John McCann, ADEP-PM, w/o enc., M992  
Randy Johnson, ENV-EAQ, w/enc., M992  
Marc Bailey, ENV-RCRA, w/o enc., K490  
Phil Wardwell, LC-LESH, w/o enc., A187  
ADESHQ Files, w/o enc., K491  
ENV-DO File, w/o enc., J978  
ENV-RCRA File (09-158), w/enc., K490  
IRM-RMMSO, w/enc., A150

**Kieling, John, NMENV**

**From:** Powell, Richard, NMENV

**Sent:** Monday, November 16, 2009 10:14 AM

**To:** Kieling, John, NMENV

**Subject:** LANL NPDES Application *CARBON TREATMENT UNITS* *RE: LANL SEPT. 3, 2009 LETTER*

Martin Spring LAT 33 50 33 LONG -106 20 11 Water Canyon  
SWSC Spring 35 50 33 -106 20 12 Water Canyon  
Burning Ground Spring 35 50 60 -106 20 18 Canon de Valle (application says Water Canyon).  
*LAUR: 09-05618*