

# Los Alamos

NATIONAL LABORATORY

Los Alamos National Laboratory  
Los Alamos, New Mexico 87545

Date: January 25, 2000  
In Reply Refer To: ESH-18/WQ&H:00-0017  
Mail Stop: K497  
Telephone: (505) 665-1859

(K)

Ms. Marcy Leavitt, Chief  
Ground Water Protection and Remediation Bureau  
New Mexico Environment Department  
P.O. Box 26110  
Santa Fe, New Mexico 87502

**SUBJECT: REQUEST FOR RENEWAL, LOS ALAMOS NATIONAL LABORATORY,  
GROUND WATER DISCHARGE PLAN (DP-1052), LAND APPLICATION  
OF SANITARY SEWAGE SLUDGE**

Dear Ms. Leavitt

Los Alamos National Laboratory requests renewal of DP-1052, the Laboratory's Ground Water Discharge Plan for the Land Application of Sanitary Sewage Sludge. Enclosed, please find the \$50 filing fee required by regulation. Since the information contained in the original Ground Water Discharge Plan Application, approved by your agency on June 19, 1995, is still current, please consider that document as a part of this renewal request.

No sanitary sludge has been land applied by the Laboratory since November, 1995. During 1995, approximately 83 dry-tons of sanitary sewage sludge was land applied to approximately 4.5 acres at the Laboratory's TA-61/53 land application site. The TA-61/53 land application site, located on a mesa top above Los Alamos Canyon, is a re-vegetated utility corridor of approximately nine acres. Approximately 50 percent of the TA-61/53 land application site remains available for future land applications of sanitary sewage sludge. Detailed information on the land application of sludge in 1995 was provided to your agency in the December, 1996 Annual Report for DP-1052.

On July 31, 1997, the Laboratory requested approval from the EPA Region 6 to formally change its sewage sludge disposal practice from land application under 40CFR Part 503 regulations to landfill disposal as a PCB-contaminated waste. This change was made because of the repeated detection of low-level PCBs (less than 5 ppm) in the Sanitary Wastewater Systems (SWS) Facility's sewage sludge. The EPA approved the Laboratory's request and in November, 1997, the Laboratory formally adopted the following interim management practice: "All sewage sludge generated at the SWS Facility will, until further notice, be handled, sampled, and disposed of in accordance with TSCA regulations for 50-499 ppm PCB-contaminated waste".



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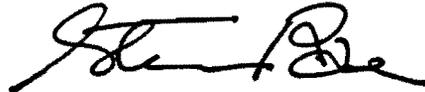
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Renewal of DP-1052 is being requested in order to provide the Laboratory with an alternate disposal method for sanitary sewage sludge that meets all regulatory requirements and all Laboratory management policies. The EPA and NMED will be notified of any change in the Laboratory's sewage sludge management practice prior to the resumption of land application activities.

Please call Bob Beers of the Laboratory's Water Quality and Hydrology Group at 667-7969 if you require any additional information concerning this Discharge Plan Renewal Request.

Sincerely,



Steven R. Rae  
Group Leader  
Water Quality and Hydrology Group

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Enclosures: a/s

Cy: J. Davis, NMED/SWQB, Santa Fe, New Mexico, w/o enc.  
B. Hoditschek, NMED/SWQB, Santa Fe, New Mexico, w/o enc.  
J. Bearzi, NMED/HRMB, Santa Fe, New Mexico, w/o enc.  
P. Parker, NMED/DOE/OB, Santa Fe, New Mexico, w/o enc.  
M. Johansen, DOE/LAAO, w/o enc., MS A316  
D. Erickson, ESH-DO, w/o enc., MS K491  
E. Hoth, FWO-UI, w/o enc., MS K718  
B. Beers, ESH-18, w/o enc., MS K497  
M. Saladen, ESH-18, w/o enc., MS K497  
D. Woitte, LC/GL, w/o enc., MS A187  
WQ&H File, w/o enc., MS K497  
CIC-10, w/o enc., MS A150