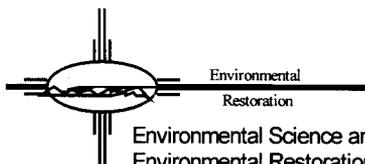


# Los Alamos National Laboratory

UNIVERSITY OF CALIFORNIA



Environmental Science and Waste Technology (E)  
Environmental Restoration, MS M992  
Los Alamos, New Mexico 87545  
505-667-0808/FAX 505-665-4747

Date: March 13, 2000  
Refer to: E/ER:00-059



Mr. John Kieling  
NMED-HRMB  
P.O. Box 26610  
Santa Fe, NM 87502

## SUBJECT: SAMPLING NOTIFICATION

Dear Mr. Kieling:

The Los Alamos National Laboratory's (LANL's) Environmental Restoration (ER) Project is planning to begin drilling of borehole CdV-R15-3 at Technical Area (TA)-15, on or about March 15, 2000. Sampling is not expected to begin until on or about March 23, 2000. This borehole is for the installation of a deep (approximately 2000 feet) well supporting the Corrective Measure Study associated with the TA-16-260 Outfall (PRS-16-021(c)). Surface casing has previously been set at a depth of 18 feet.

Samples will be collected as shown in the enclosed table. If you have any questions or concerns please feel free to give me a call at (505) 667-0819.

Sincerely,

A handwritten signature in black ink that reads "Dave".

Dave McInroy  
Environmental Restoration Project

DM/RB/ev

Enclosure: Sample Collection at CdV-R15-3



6222

Hswa LANL 3/1082/16/16-021(c)

TU

Cy (w/enc.):

M. Alexander, ESH-18, MS K497  
R. Bohn, E/ER, MS M992  
S. Bolivar, EES-13, MS M992  
D. Broxton, EES-1, MS M992  
M. Buksa, E/ET, MS M992  
G. Coffin, E/ER, MS M992  
D. Daymon, EES-13, MS M992  
D. Hickmott, EES-1, MS M992  
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E/ER File, MS M992  
RPF, (ER Catalog # 2000-0\_\_\_), MS M707

Cy (w/o enc.):

J. Canepa, E/ER, MS M992  
J. Bearzi, NMED-HRMB

## SAMPLE COLLECTION AT CdV-R15-3

Plan/ Document	Location	Number of Samples	Sample Type	Analyses
CMS Plan for TA-16, PRS 16-021(c), 260 Outfall LA-UR-98-3918 EM/ER:98-392	CdV-R15-3	TBD	Core (Contaminants and Geo- chemical)	Gross Radiological Screening Radionuclides 3H, 90Sr, 241Am, 234U, 235U, 236U, 238U, 238Pu, and 239/240Pu Inorganics (Full Suite plus additional) Anions VOCs (based on field screening) SVOCs (based on filed screening) HE
	CdV-R15-3	TBD	Core (Geotechnical)	Selected core samples will be analyzed for some or all of the following: Particle size and texture (<2mm) In-Situ Water Content Porosity (<2mm) Particle Density (<2mm) Bulk Density Sat. Hydraulic Conductivity by Air and Water Water Retention Curve
	CdV-R15-3	TBD	Core (Hydrologic)	Stable Isotopes Unsaturated Flow Apparatus Low level tritium
	CdV-R15-3	TBD	Core (Geologic)	Mineralogy (as needed) Modal Petrography (as needed) XRF/XRD (as needed)
	CdV-R15-3	TBD	Groundwater	Major Cations and Anions (dissolved) Trace Elements and Metals (dissolved) Trace Elements and Metals (total) Nutrients-Nitrogen Species (dissolved) Radionuclides (dissolved) Radionuclides (total) Stable Isotopes Tritium (low level) Dissolved Organic Carbon VOCs SVOCs Other Inorganics HE

\*TBD=To be determined