

*Stu*

HSWA, LANL 5/11/97



State of New Mexico  
ENVIRONMENT DEPARTMENT  
DOE OVERSIGHT BUREAU  
P.O. Box 1663, MS/J-993  
Los Alamos, New Mexico 87545

MARK E. WEIDLER  
SECRETARY

GARY E. JOHNSON  
GOVERNOR



August 5, 1997

Mat Johansen, DOE/AIP/POC  
Department of Energy  
Los Alamos Area Office  
528 35 th Street  
MS: A316  
Los Alamos, NM 87544

Re: Proposed Summer Storm Water Sampling at LANL ER PRS 9-013  
(MDA-M), located in TA-9, FY 1997.

Dear Mr. Johansen:

The DOE Oversight Bureau (DOE OB) plans to collect storm water runoff samples at the southeast margin of MDA-M, located within the boundaries of TA-9. It is our intention to locate and temporarily install an ISCO automatic-water sampler at this site. We hope to sample approximately one to three storm events in 1997. These storm events will be sampled either manually by physically entering the site during storm events or by our automated ISCO sampler referenced above. This letter serves as a notification of DOE OB's intent to collect both grab and automated collector samples and provide a list of analyses to be performed.

The DOE OB employs a LANL section who's staff are all "Q" cleared and meet or exceed the qualifications of the LANL ER training matrix conducted by the ESH-13 group in White Rock.

In addition, the DOE OB would like to schedule any site-specific safety training that may be required at TA-9, specifically the MDA-M area, and arrange for a site visit to determine appropriate location to deploy the sampler.

Sampling Procedures:

Timed or flow weighted grab samples will be manually and/or automatically collected of the rising leg or "first flush" of the storm event hydrograph. Sufficient water will be collected to run the following analyses while archiving sufficient sample volume to conduct radio-isotopic analyses if initial gross alpha or gross beta results are elevated.

*TR*



Mr. Mat Johansen  
5 August 1997  
Page 2

Sample analyses:

A substantial portion of the sample volume will be filtered through a 0.45 micron filter, and will be analyzed for dissolved metals, (dissolved) total uranium, and dissolved gross alpha/beta.

Unfiltered samples will be analyzed for total lead. Total Suspended Solids (TSS) along with grain-size analysis will be performed.

The filter residue and suspended sediment will be treated as a soil/sediment sample and analyzed for lead, total uranium and gross alpha/beta.

Please contact Scott Anderson at 827-1536 or Michael Dale at 672-0449 if you have any questions regarding this matter.

Sincerely,



Steve Yanicak, LANL POC  
Department of Energy Oversight Bureau

SY:spa

cc: John Parker, NMED, Chief, DOE OB  
Marcy Leavitt, NMED, Chief, GWQB  
Benito Garcia, NMED, CHIEF, HRMB  
Glen Saums, NMED, Program Manager, SWQB  
Donathon Krier, LANL, FU-5 FPL, MS D462  
Tom Alexander, LANL, DX-FM, MS P915  
Judith Snow, LANL, DX 2 Group Leader, MS C920  
Jack Elvinger, LANL, ESH-19, MS K490  
Hilary Noskin, LANL, ESH-19, MS K490  
Franco Sisneros, LANL, DX-DO-FMST, MS P915  
Margaret Orbesen, LANL, DX 2, MS C920  
Steve Rae, LANL, Group Leader, ESH-18, MS K497  
Mike Alexander, LANL, ESH-18, MS K497