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State of New Mexico
ENVIRONMENT DEPARTMENT
DOE OVERSIGHT BUREAU
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September 16, 1997

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



Re: Notification of intent to sample at LANL ER PRS 73-002 (Incinerator Ash Pile) during FY 1997

Dear Mr. Johansen:

The DOE Oversight Bureau (DOE OB) plans to temporarily install an ISCO automatic-water sampler at the northern margin of the Incinerator Ash Pile to collect storm water samples. The purpose of the sampling is to determine if contaminants are migrating offsite to Pueblo Canyon via storm water.

In addition, the DOE OB would like to schedule any site-specific safety training that may be required for working in the Incinerator Ash Pile area. The usual site-access procedures through the facility manager will be followed for the above referenced site. This letter serves as a notification of DOE OB's intent to sample and provides a list of analyses to be performed.

Sample Type:

The DOE OB would like to sample approximately one to three storm events in 1997. Time-weighted grab samples will be collected during the "first flush" of the storm event.

Sample Analyses:

Samples of storm-water runoff will be collected. Filtered storm water, suspended sediment, and unfiltered storm water may be analyzed by an offsite laboratory as described below:

- The samples will be filtered in the laboratory using a 0.45 micron filter and the filtered portion will be analyzed for metals. Filtered sample results will be used to evaluate compliance with New Mexico Water Quality Control Commission (NMWQCC) standards.
- The sample material that does not pass through the 0.45 micron filter will be considered the filter residue. The filter residue will be analyzed for total metals, pesticides, PCBs, dioxin, furans, and may be analyzed for radiological constituents. Filter residue results will be used to determine the amount of contaminants in the suspended particles and sediment that are migrating via storm water.



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- The unfiltered samples will be analyzed for total mercury, PCBs, pesticides, dioxin, furans, pH, and total suspended solids. In addition, a grain-size analysis may be performed on the suspended solids. Unfiltered samples will be analyzed to evaluate compliance with NMWQCC standards.

Training and Clearances:

The DOE OB staff assigned to site sampling duties are "Q" cleared and meet or exceed the qualifications of the LANL ER training matrix conducted by the ESH-13 Group in White Rock.

Please contact Julie Wanslow or Ralph Ford-Schmid at 827-1536 if you have any questions regarding this matter.

Sincerely,



Steve Yanicak, LANL POC
Department of Energy Oversight Bureau

SY:jw

cc: John Parker, NMED, Chief, DOE OB
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