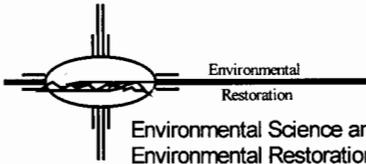


Los Alamos National Laboratory

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: April 26, 2000
Refer to: ER2000-0210

2000
RECEIVED

Mr. John Kieling
NMED-HRMB
P.O. Box 26110
Santa Fe, NM 87502

SUBJECT: 10-DAY SAMPLE NOTIFICATION, RESOURCE CONSERVATION AND RECOVERY ACT (RCRA) FACILITY INVESTIGATION (RFI) SAMPLING ACTIVITIES TECHNICAL AREA (TA)-21 DP TANK FARM

Dear Mr. Kieling:

Beginning the week of May 8, 2000, the Los Alamos National Laboratory Environmental Restoration Project is planning to collect samples from within DP Canyon and the former DP Tank Farm located at TA-21 in accordance with the "RCRA Facility Investigation Work Plan, Volume II, DP Tank Farm," (LA-UR-98-4169) and the "Request for Supplementary Information (RSI) Response for TA-21, RFI Work Plan, Volume II, DP Tank Farm," (LA-UR-99-6462). Immunoassay test kits will be used to guide the extent of sampling and to reduce the number of samples submitted for fixed-laboratory analysis. A minimum of 20% of the samples analyzed by test kit will be submitted for fixed-laboratory analysis. Additional samples will be submitted if warranted by test kit results. The sampling is summarized in the following table, which indicates the minimum numbers of samples to be submitted for fixed-laboratory analysis only:

Plan/Document	Location	Number of Samples ¹	Sample Type	Analyses
RCRA Facility Investigation Work Plan, Volume II, DP Tank Farm, (LA-UR-98-4169), Request for Supplementary Information (RSI) Response for TA-21, RFI Work Plan, Volume II, DP Tank Farm, (LA-UR-99-6462)	TA-21, PRS 21-029, DP Canyon channel	6	DP Canyon sediment	BTEX (Benzene, Toluene, Ethylbenzene, Xylene), TMB (Trimethylbenzene), SVOCs (Semivolatile organic compounds), TPH fingerprinting (total petroleum hydrocarbons segmented into diesel, gasoline, kerosene, ethanol, and Stoddard solvent ranges) ² , Inorganics (TAL metals) ³ , Radionuclides (Isotopic Uranium, Gamma Spec, Tritium), PCBs

HSWA LANT 1/1056/21/21-029

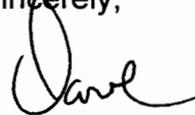
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Plan/Document	Location	Number of Samples ¹	Sample Type	Analyses
Request for Supplementary Information (RSI) Response for TA-21, RFI Work Plan, Volume II, DP Tank Farm, (LA-UR-99-6462)	TA-21, PRS 21-029, DP Canyon/ mesa top, including fill ports, storm drains, sheen area, and below Verde Ridge parking area	15	Shallow subsurface soil and/or tuff, obtained using a hand auger.	BTEX (Benzene, Toluene, Ethylbenzene, Xylene), TMB (Trimethylbenzene), SVOCs (Semivolatile organic compounds), TPH fingerprinting (total petroleum hydrocarbons segmented into diesel, gasoline, kerosene, ethanol, and Stoddard solvent ranges), Inorganics (TAL metals) ³
Request for Supplementary Information (RSI) Response for TA-21, RFI Work Plan, Volume II, DP Tank Farm, (LA-UR-99-6462)	TA-21, PRS 21-029, DP Canyon/ mesatop, including the mesa top north of fence, tanks, valve boxes, and West Fill Station	20	Subsurface tuff, obtained using a drill rig.	BTEX (Benzene, Toluene, Ethylbenzene, Xylene), TMB (Trimethylbenzene), SVOCs (Semivolatile organic compounds), TPH fingerprinting (total petroleum hydrocarbons segmented into diesel, gasoline, kerosene, ethanol, and Stoddard solvent ranges), Inorganics (TAL metals) ³ , Radionuclides (Isotopic Uranium, Gamma Spec, Tritium) ⁴ .
<p>¹ Sample numbers based on minimum of one sample for each hand auger or sediment sampling location, two samples from each borehole.</p> <p>² Hydrocarbon fingerprinting will be requested for the sediment sample furthest downstream and all other samples with positive field results for TPH.</p> <p>³ Lead is the only metal of concern; only lead results will be reported.</p> <p>⁴ Radionuclides will be evaluated in a single borehole sample, from the bottom of the West Fill Station borehole.</p>				

If you have any questions or concerns please feel free to give me a call at (505) 665-4557.

Sincerely,



Dave McInroy,
Environmental Restoration

JC/DM/PB/eim

Cy:

P. Bertino, E/ER, MS M992
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Mr. John Kieling
ER2000-0210

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April 26, 2000

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J. Parker, NMED-AIP, MS J993
E/ER File, MS M992
RPF, MS M707