

Los Alamos National Laboratory

UNIVERSITY OF CALIFORNIA

HSWA LAUL G/M/01



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

Date: June 11, 2001
Refer to: ER2001-0500

Mr. John Young, Corrective Action Project Leader
Permits Management Program
NMED – Hazardous Waste Bureau
2905 Rodeo Park Drive East
Building 1
Santa Fe, NM 87505-6303

SUBJECT: SAMPLING NOTIFICATION

Dear Mr. Young:

The Los Alamos National Laboratory Environmental Restoration (ER) Project is planning to conduct quarterly water sampling at Technical Area 16 from June 21, 2001 through July 31, 2001. This Activity is part of an ongoing effort to understand the hydrogeologic system at TA-16.

Samples will be collected as shown in the table below.

Plan/ Document	Location	Number of Samples	Sample Type	Analyses
CMS Plan for PRS 16-021(c) LA-UR-98-3918 EM/ER: 98-397 RFI Report for PRSs in TA-16, 16-003(k) 16- 021(c) LA-UR-96-3191 EM/ER: 96-502	8 Alluvial Wells in Cañon de Valle and Martin Canyon	16 samples (8 filtered, metals only, 8 unfiltered)	Groundwater	<ul style="list-style-type: none">• Anions including nitrate• Bicarbonate• Hydrogen and Oxygen Isotopes• Extended High Explosives suite including RDX by-products• Metals including Boron (the only filtered analysis)• Nitrogen Isotopes (Currently there is no laboratory for analyzing the oxygen isotope ratio on the nitrate, so they are collected and stored in a refrigerator.)• Tritium (low level)• Total Uranium• Volatile organics



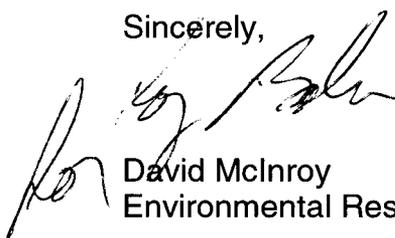
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CMS Plan for PRS 16-021(c) LA-UR-98-3918 EM/ER: 98-397 RFI Report for PRSs in TA-16, 16-003(k) 16- 021(c) LA-UR-96-3191 EM/ER: 96-502	Burning Ground Spring, SWSC Spring, Martin Spring	6 samples (3 filtered, metals only, 3 unfiltered)	Groundwater	<ul style="list-style-type: none"> Anions including nitrate Bicarbonate Hydrogen and Oxygen Isotopes Extended High Explosives suite including RDX by-products Metals including Boron (the only filtered analysis) Nitrogen Isotopes (Currently there is no laboratory for analyzing the oxygen isotope ratio on the nitrate, so they are collected and stored in a refrigerator.) Tritium (low level) Total Uranium Volatile organics
CMS Plan for PRS 16-021(c) LA-UR-98-3918 EM/ER: 98-397 RFI Report for PRSs in TA-16, 16-003(k) 16- 021(c) LA-UR-96-3191 EM/ER: 96-502	Peter and Fishladder Seeps, Cañon de Valle/Water confluence, Cañon de Valle Headwaters, 90's Line pond, the Cañon de Valle/Fishladder confluence, and Water Canyon above the CDV/Water Canyon confluence	14 samples (7 filtered, metals only, 7 unfiltered)	Surface Water	<ul style="list-style-type: none"> Anions including nitrate Bicarbonate Hydrogen and Oxygen Isotopes Extended High Explosives suite including RDX by-products Metals including Boron (the only filtered analysis) Nitrogen Isotopes (Currently there is no laboratory for analyzing the oxygen isotope ratio on the nitrate, so they are collected and stored in a refrigerator.) Tritium (low level) Total Uranium Volatile organics

If you have any questions or concerns please feel free to give me a call at

(505) 667-0819.

Sincerely,



David McInroy
Environmental Restoration Project

DM/RB/ev

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