



*Environmental Stewardship (ENV)*  
 Remediation Services (RS), MS M992  
 Los Alamos, New Mexico 87545  
 (505) 667-0808/FAX (505) 665-4747

TT-16

Date: November 10, 2004  
 Refer To: ER2004-0649

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 FOR 1<sup>ST</sup> QUARTER FY05**

Dear Mr. Young:

The Los Alamos National Laboratory (LANL) Environmental Stewardship – Remediation Services (ENV-RS) program is planning to conduct quarterly sampling at Potential Release Site (PRS) 16-021(c)-99. This sampling event will take place from December 1 through December 15, 2004. Surface water and ground water samples will be collected in Martin Spring Canyon and Cañon de Valle in order to comply with the Corrective Measure Study (CMS) Plan for PRS 16-021(c) and the Phase II RFI Report for PRS 16-021(c).

Samples will be collected and analyzed as outlined in the following table:

Document	Location	Number of Samples	Sample Type	Analyses
CMS Plan for PRS 16-021(c) LA-UR-98-3918, Phase II RFI Report for PRS 16-021(c)	90's Line Pond; Confluence of CDV and Water Canyon; CDV headwaters; Water Canyon at WQH-18 weir	4 + 1 dup.	Surface Water	ALKT, EPA300, D2H+O18O16, HEXP, LH3, NO2+NO3, METTAL, VOAGCMS, SW46-8321A, TCN
CMS Plan for PRS 16-021(c) LA-UR-98-3918, Phase II RFI Report for PRS 16-021(c)	Martin Spring Canyon and Cañon de Valle Stream Profile locations.	21 + 1 dup.	Surface Water	ALKT, EPA300, D2H+O18O16, HEXP, LH3, NO2+NO3, METTAL, VOAGCMS, SW46-8321A, TCN



Document	Location	Number of Samples	Sample Type	Analyses
CMS Plan for PRS 16-021(c) LA-UR-98-3918, Phase II RFI Report for PRS 16-021(c)	Martin Spring; Martin Spring Stormwater filters; Burning Ground Spring; SWSC Spring; Fishladder Seep; Peter Seep; CDV Headwater Spring	8 + 1 dup.	Springs, Seeps	ALKT, EPA300, D2H+O18O16, HEXP, LH3, NO2+NO3, METTAL, VOAGCMS, SW46-8321A, TCN
CMS Plan for PRS 16-021(c) LA-UR-98-3918, Phase II RFI Report for PRS 16-021(c)	Monitoring Wells within CDV & Martin Spring Canyon	8 + 1 dup.	Ground Water	ALKT, EPA300, D2H+O18O16, HEXP, LH3, NO2+NO3, METTAL, VOAGCMS, SW46-8321A, TCN

If you have any questions, please feel free to give me a call at (505) 667-0819.

Sincerely,

Bill Criswell, Program Manager  
Accelerated Remediation  
Remediation Services

BC/DH/jr

Cy:

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- S. Yanicak, NMED-DOE OB, MS J993
- ENV-RS File, MS M992
- IM-5, MS A150
- RPF, MS M707