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*Date:* December 6, 2007  
*Refer To:* EP2007-0771

John Young  
 Permits Management Program  
 Hazardous Waste Bureau  
 New Mexico Environment Department  
 2905 Rodeo Park Drive East, Building 1  
 Santa Fe, NM 87505-6303

**Subject: Fifteen-Day Sampling Notification, for Material Disposal Areas G, H, and L at Technical Area 54**

Dear Mr. Young:

Beginning December 19, 2007, the Los Alamos National Laboratory (the Laboratory) Environmental Program Directorate (EP) Corrective Actions Projects (CAP) is planning to collect samples from 3 boreholes at Technical Area (TA) 54, Material Disposal Area (MDA) H; 25 boreholes at TA-54, MDA L; and 6 boreholes at TA-54, MDA G.

EP-CAP will verbally confirm and/or notify New Mexico Environment Department Hazardous Waste Bureau staff of any changes to the schedule. The sampling results will be presented in separate periodic monitoring reports for each MDA. The sampling is summarized in the following tables, which indicate the minimum number of samples to be collected.

TA-54, MDA H Document	Sampling Locations	Number of Samples	Sample Type	Analyses
Denial of Request for Reduction in Frequency of Vapor Phase Sampling at MDA H, SWMU 54-004, at TA-54, Los Alamos National Laboratory EPA ID No: NM0890010515 HWB-LANL-03-007	54-01023	6	Subsurface pore gas	VOCs H <sub>3</sub>
	54-15462	6	Subsurface pore gas	VOCs H <sub>3</sub>
	54-15461	3	Subsurface pore gas	VOCs H <sub>3</sub>

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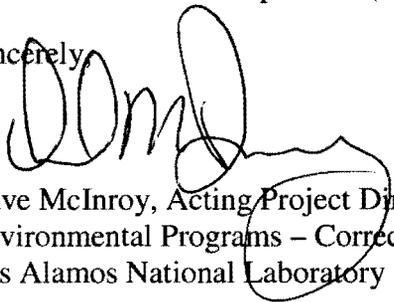
<b>TA-54, MDA G Plan Document</b>	<b>Sampling Locations</b>	<b>Number of Samples</b>	<b>Sample Type</b>	<b>Analyses</b>
MDA G CME Plan, Revision 1, Appendix D (LA-UR-07-6882) Interim Subsurface Vapor- Monitoring Plan for MDA G at TA-54,	54-24370	2	Subsurface pore gas	VOCs H <sub>3</sub>
	54-24386	2	Subsurface pore gas	VOCs H <sub>3</sub>
	54-24394	2	Subsurface pore gas	VOCs H <sub>3</sub>
	54-24397	6	Subsurface pore gas	H <sub>3</sub>
	54-27436	2	Subsurface pore gas	VOCs H <sub>3</sub>
	54-25105	1	Subsurface pore gas	VOCs H <sub>3</sub>

<b>TA-54, MDA L Document</b>	<b>Sampling Locations</b>	<b>Number of Samples</b>	<b>Sample Type</b>	<b>Analyses</b>
Approval with Modifications for the Interim Subsurface Vapor- Monitoring Plan for Material Disposal Area (MDA) L, Solid Waste Management Unit 54-006, At Technical Area 54, Revision 1, Los Alamos National Laboratory, EPA ID #NM0890010515, HWB- LANL-07-012	54-02001	4	Subsurface pore gas	VOCs H <sub>3</sub>
	54-02002	4	Subsurface pore gas	VOCs H <sub>3</sub>
	54-02016	2	Subsurface pore gas	VOCs H <sub>3</sub>
	54-02021	4	Subsurface pore gas	VOCs H <sub>3</sub>
	54-02022	4	Subsurface pore gas	VOCs H <sub>3</sub>
	54-02023	4	Subsurface pore gas	VOCs H <sub>3</sub>
	54-02024	4	Subsurface pore gas	VOCs H <sub>3</sub>
	54-02025	3	Subsurface pore gas	VOCs H <sub>3</sub>
	54-02026	3	Subsurface pore gas	VOCs H <sub>3</sub>
	54-02027	3	Subsurface pore gas	VOCs H <sub>3</sub>
	54-02028	3	Subsurface pore gas	VOCs H <sub>3</sub>
	54-02031	4	Subsurface pore gas	VOCs H <sub>3</sub>
	54-02034	5	Subsurface pore gas	VOCs H <sub>3</sub>

	54-02089	2	Subsurface pore gas	VOCs H <sub>3</sub>
	54-24238	1	Subsurface pore gas	VOCs H <sub>3</sub>
	54-24239	2	Subsurface pore gas	VOCs H <sub>3</sub>
	54-24240	4	Subsurface pore gas	VOCs H <sub>3</sub>
	54-24241	3	Subsurface pore gas	VOCs H <sub>3</sub>
	54-24242	2	Subsurface pore gas	VOCs H <sub>3</sub>
	54-24243	3	Subsurface pore gas	VOCs H <sub>3</sub>
	54-24244	3	Subsurface pore gas	VOCs H <sub>3</sub>
	54-24399	1	Subsurface pore gas	VOCs H <sub>3</sub>
	54-27641	6	Subsurface pore gas	VOCs H <sub>3</sub>
	54-27642	6	Subsurface pore gas	VOCs H <sub>3</sub>
	54-27643	6	Subsurface pore gas	VOCs H <sub>3</sub>

Please contact John Hopkins at (505) 667-9551 (johnhopkins@lanl.gov) if you have any questions.

Sincerely,



Dave McNroy, Acting Project Director  
Environmental Programs – Corrective Actions Program  
Los Alamos National Laboratory

GD/JH:sm

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