

Plan/Document	Sample Locations (borehole ^a)	Number of Samples (per borehole)	Sample Type	Analyses
ER2003-0696 R1 LA-UR-03-8201 Approval with Modifications Investigation Work Plan for Material Disposal Area C, Solid Waste Management Unit 50-009, At Technical Area 50, Revision 1, Los Alamos National Laboratory EPA ID# NM0890010515 HWB-LANL -03-005	BH-01	5	Subsurface Fill/Tuff	- Cyanide - Nitrates - Perchlorates - TAL metals - SVOCs - pH - PCBs - Americium-241 - Gamma spectroscopy - Isotopic Plutonium - Isotopic Uranium - Strontium-90
	BH-02			
	BH-03			
	BH-04			
	BH-05			
	BH-06	2	Subsurface Fill/Tuff	- Dioxins/Furans ^b - Explosive compounds ^c
	BH-07			
	BH-08	10 ^d	Subsurface Pore Gas	- VOCs - Tritium
	BH-09			
	BH-10			
	BH-11			
	BH-12			
	BH-13			
	BH-14			
	BH-15			
	BH-16			
	BH-17			
	BH-18			
	BH-19			
	BH-20			
	BH-21			
	BH-22			
	BH-23			
	BH-24			
	BH-25			
	BH-26			
	BH-27			
	BH-28			

^a Assume 150 ft depth for each borehole. Total depth and final sample numbers will be dependant on field-screening results.

^b Core samples for dioxins and furans will be collected at a depth adjacent to the pit or shaft and from the depth interval corresponding to the base of the adjacent pit or shaft.

^c Two samples for explosive compounds will be submitted for analysis within the first 60 ft of each borehole. The first sample location will be adjacent to the disposal unit and the second sample at the estimated base of the disposal unit. HE field-screening will be conducted on these two samples. If HE is not detected from field-screening, no additional analytical samples will be submitted at depths greater than 60 ft.

^d A VOC and tritium sample will be collected at each subsurface fill/tuff sample location based on the criteria specified in the approval with modifications letter. A second round of subsurface sampling will be collected at the same sample locations approximately a month after the first round samples were collected.