

Los Alamos

Los Alamos National Laboratory
Los Alamos, New Mexico 87545

DATE: June 3, 1994
IN REPLY REFER TO: EM/ER:94-A193
MAIL STOP: M992
TELEPHONE: (505) 667-0819

Mr. Ted Taylor, Program Manager
U.S. Department of Energy
Los Alamos Area Office, MS A316
Los Alamos, NM 87544

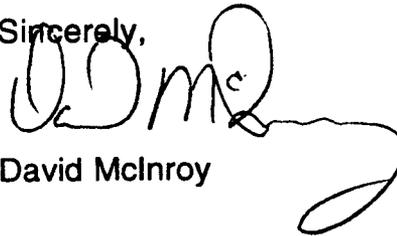
Dear Mr. Taylor:

We are planning to begin sampling at Operable Unit (OU) 1114 on or about June 20, 1994, through July 1994. Investigations will include 27 Potential Release Sites (PRSs) with 257 surface soil (0-6 inches) and subsurface soil (up to 3 feet) sample locations. Attached is a sampling summary for each site to be sampled.

This field activity is proceeding at risk as no response has been received on comments addressed to the Notice of Deficiency (NOD) submitted to the Environmental Protection Agency (EPA) on March 15, 1994. If you concur with these activities, please sign the attached form for approval to proceed at risk.

The readiness review for this sampling event was conducted on June 2, 1994. If you have any questions or concerns, please feel free to give me a call.

Sincerely,



David McInroy

DM/sg

Attachment a/s

Cy: T. Baca, EM, MS J591
K. Hargis, EM-8, MS K490
P. Aamodt, EM/ER, MS M992
RPF, MS M707

J. Jansen, AT-DO, MS H821
G. Allen, CST-6, MS E525
CRM-4, MS A150, (w/o enclosure)



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TA-03

FIELD WORK APPROVAL FORM

This form must be completed prior to starting site characterization field work in Operable Units that do not have an Environmental Protection Agency-approved Work Plan.

I, _____, DOE/LAAO, hereby APPROVE the field work as proposed in the accompanying letter for Operable Unit 1114.

I _____, DOE/LAAO, DO NOT APPROVE the field work as proposed for Operable Unit 1114.

The reasons for disapproval are:

Signed: _____

Date: _____

Attachment A: Samples to be Collected During OU 1114 Summer Field Sampling

SWMU	Description	Total Sample Locations	Rad Van Analyses (1)	Rad Van Tritium	Field TPH (2)	Field PCBs	Gross alpha/beta/gamma (3)	Isotopic analyses(3)	Tritium	Herbicides (SW8150)	Organochlorine Pesticides (SW8080)	Organophorous pesticides (SW 8140)	PCBs (SW8080)	SVOCs (SW8270)	TPH (SW8015M)	VOCs (SW8240/8260)	Appendix VIII Metals (SW 6010/7000)	Cyanide (SW 9010/9012)
3-002(c)	Surface soil	6								3	6	3						
60-007(b)	Core	12			11	8							1	1	1	11	1	
60-007(b)	Surface soil	6			5									1	1	5	1	
60-004(f)	Core	12			10									2	2	10	2	
3-015	Core	6	6				6	6								6	6	
59-004	Core	4	4	4			4	4	4							4	4	
3-033	Core	7															7	7
3-012(b)	Core	2	2	2			2	2	2	2	2			2		2	2	2
3-014(c2)	Core	10	10	10			10	10	10	10	10			10		10	10	10
3-014(b2)	Core	5	5	5			5	5	5	5	5			5		5	5	5
3-014(a,e)	Core	6	6	6			6	6	6	6	6			6		6	6	6
60-006(a)	Sludge	2												1		1	1	
60-006(a)	sludge	4												2		2	2	
60-004(e)	Surface soil	16			13	13							3	3	3	16	3	
60-007(a)	Surface soil	15			13									3	3	8	3	
60-004(b,d)	Surface soil	12			10	10							2	2	2	7	2	
60-004(c)	Core	9	9	9			9	9	9				5	5		5		
60-005(a)	Core	25	25	9			18	18	18					18		4	18	11
3-013(a,b)	Core	8											8	8	8	8	8	

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SWMU	Description	Total Sample Locations	Rad Van Analyses (1)	Rad Van Tritium	Field TPH (2)	Field PCBs	Gross alpha/beta/gamma (3)	Isotopic analyses(3)	Tritium	Herbicides (SW8150)	Organochlorine Pesticides (SW8080)	Organophorous pesticides (SW 8140)	PCBs (SW8080)	SVOCs (SW8270)	TPH (SW8015M)	VOCs (SW8240/8260)	Appendix VIII Metals (SW 6010/7000)	Cyanide (SW 9010/9012)
3-003(a)	Asphalt chip	2				2												
3-003(a)	Core	6			5	5							1	1	1	5	1	
3-003(a)	Surface soil	3			2	2							1	1	1	2	1	
3-003(b)	Surface soil	8			7	7							1	1	1	7	1	
3-056(c)	36" Core	35			24	24							11	11	11	32	19	
3-056(c)	18" Core	27			13	13							6	6	6	21	19	
61-002	Asphalt Chip	4				4												
61-002	Surface soil	5	5	4	4	4							1	1	1	4	1	
Total Samples		257	72	49	117	92	60	60	54	26	29	3	40	90	41	181	123	41

(1) Rad Van analyses will be conducted for Gross alpha/beta/gamma.

(2) Field TPH and PCB samples will be collected in baggies.

(3) Gross alpha/beta/gamma analyses will be conducted as confirmation of the rad van non-detected results. The Isotopic analyses will be conducted on samples where the Rad Van results indicates elevated alpha, beta, or gamma activity.