PL-TR-
95-1042
Pt. 3

PHASE II ENVIRONMENTAL BASELINE SURVEY OF McCORMICK RANCH, KIRTLAND AIR FORCE BASE, NEW MEXICO

Part 3 of 5

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Jeff Johnson
Pete Middlebrooks

GRAM, Inc
8500 Menaul Blvd NE
Albuquerque, NM 87112

31 January 1996

Final Report

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Support Directorate
AIR FORCE MATERIEL COMMAND
KIRTLAND AIR FORCE BASE, NM 87117-5776

PL-TR-95-1042

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CARLA J. DOGGETT
Project Manager

FOR THE COMMANDER

MICHELLE L. HEDRICK, GS-13
Chief, Safety & Environmental Office

JAMES D. LEDBETTER, Col, USAF
Director, Support Directorate

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13. Supplementary Notes Work done in association with Los Alamos Technical Associates

14. Abstract The Phase II EBS results document the extent of environmental contamination believed to be present on McCormick Ranch. Explosive test areas having the greatest potential for containing soil contaminants were identified using the following geophysical survey methods: EM 31 terrain conductivity meter, magnetometer/gradiometer, and ground penetrating radar. From the geophysical surveys five areas were selected to conduct further environmental analysis. A total of 310 soil samples were collected from the five areas and 13 specific high explosive test sites. The samples were screened for semi-volatile organic compounds, PETN, TNT, TNT-degradation products, nitrates and radioactivity. Laboratory analyses were performed and no explosives or degradation products were identified. Semi-volatile organic compounds were found in 2 samples, manganese was detected in 3 samples, nitrates were discovered below soil action levels and radiation levels were below background. Consequently, it is unlikely that significant contamination exists.

15. Subject Terms McCormick Ranch, Environmental Baseline Survey, Contamination

16. Report	17. Abstract	18. This Page	19. Limitation of Abstract	20. # of Pages	21. Responsible Person (Name and Telephone #)
Unclassified	Unclassified	Unclassified	Unlimited	216	Michelle Hedrick 505-846-4574

NITRATE FIELD SCREENING WORKSHEET

LAB. TECH. NAME Jim Denton/Rhonda Methvin SITE IDENTIFIER KRLTD154

DATE 9/20/94

STANDARD ANALYSES

STANDARD	PPM	TIME
ST-1	14	0759
ST-2	14	0759
ST-3	14	0759
AVERAGE	14	

ANALYTICAL RESULTS FOR BATCH NIT-19

SAMPLE ID	TIME			NITRATE (PPM)	COMMENTS
	EXTRACT*	FILTER**	ANALYZE***		
0214	0747	0807	0835	2	
0215	0747	0807	0835	0	
0216	0747	0807	0835	3	
0217	0747	0807	0835	2	
0218	0747	0807	0836	3	
0219	0747	0807	0836	1	
0220	0747	0807	0836	0	
022D Dup	0747	0807	0836	1	
0221	0747	0807	0837	1	
0222	0747	0807	0837	0	

Rhonda Methvin
Signature (Lab. Tech.)

Signature (Review/Approval)

*Step 2.1.2 "f" completed. **Step 2.1.2 "j" completed. ***Step 2.2 "f" completed.

F-1

NITRATE FIELD SCREENING WORKSHEET

LAB. TECH. NAME Jim Denton/Rhonda Methvin SITE IDENTIFIER KRLTD154

DATE 9/20/94

STANDARD ANALYSES

STANDARD	PPM	TIME
ST-1	14	0759
ST-2	14	0759
ST-3	14	0759
AVERAGE	14	

ANALYTICAL RESULTS FOR BATCH NIT-19

SAMPLE ID	TIME			NITRATE (PPM)	COMMENTS
	EXTRACT*	FILTER**	ANALYZE***		
0223	0747	0807	0837	1	
0224	0747	0807	0837	0	
0225	0747	0807	0838	0	
Method Blank	NA	NA	0839	0	

Rhonda Methvin
Signature (Lab. Tech.)

Signature (Review/Approval)

*Step 2.1.2 "f" completed. **Step 2.1.2 "j" completed. ***Step 2.2 "f" completed.

F-2

NITRATE FIELD SCREENING WORKSHEET

LAB. TECH. NAME Jim Denton/Rhonda Methvin SITE IDENTIFIER KRLTD154

DATE 9/19/94

STANDARD ANALYSES

STANDARD	PPM	TIME
ST-1	15	0748
ST-2	15	0748
ST-3	15	0748
AVERAGE	15	

ANALYTICAL RESULTS FOR BATCH NIT-18

SAMPLE ID	TIME			NITRATE (PPM)	COMMENTS
	EXTRACT*	FILTER**	ANALYZE***		
0143	0825	0850	0855	0	
0144	0825	0850	0855	2	
0145	0825	0850	0855	0	
0146	0825	0850	0855	3	
0147	0825	0850	0856	2	
0148	0825	0850	0856	5	
0149	0825	0850	0856	2	
0150	0825	0850	0856	0	
0206	0825	0850	0857	2	
0207	0825	0850	0857	0	

Rhonda Methvin
Signature (Lab. Tech.)

Signature (Review/Approval)

*Step 2.1.2 "f" completed. **Step 2.1.2 "j" completed. ***Step 2.2 "f" completed.

F-3

NITRATE FIELD SCREENING WORKSHEET

LAB. TECH. NAME Jim Denton/Rhonda Methvin SITE IDENTIFIER KRLTD154

DATE 9/19/94

STANDARD ANALYSES

STANDARD	PPM	TIME
ST-1	15	0748
ST-2	15	0748
ST-3	15	0748
AVERAGE	15	

ANALYTICAL RESULTS FOR BATCH NIT-18

SAMPLE ID	TIME			NITRATE (PPM)	COMMENTS
	EXTRACT*	FILTER**	ANALYZE***		
0208	0825	0859	0903		Difficult to filter
0209	0825	0850	0857	0	
0210	0825	0850	0857	0	
0211	0825	0850	0858	0	
0212	0825	0850	0858	2	
0213	0825	0850	0858	0	

Rhonda Methvin
Signature (Lab. Tech.)

Signature (Review/Approval)

*Step 2.1.2 "f" completed. **Step 2.1.2 "j" completed. ***Step 2.2 "f" completed.

F-4

7/16/94

NITRATE FIELD SCREENING WORKSHEET

LAB. TECH. NAME Jim Denton/Rhonda Methvin SITE IDENTIFIER KRLTD154

DATE Sept. 16, 1994

STANDARD ANALYSES

STANDARD	PPM	TIME
ST-1	14	0744
ST-2	14	0744
ST-3	15	0744
AVERAGE	14.3	

ANALYTICAL RESULTS FOR BATCH NIT-17

SAMPLE ID	TIME			NITRATE (PPM)	COMMENTS
	EXTRACT*	FILTER**	ANALYZE***		
0031	0821	0845	0850	3	
0032	0821	0845	0850	3	
0033	0821	0845	0850	8	
0034	0821	0845	0850	9	
0035	0821	0845	0851	7	
0036	0821	0845	0851	7	
0037	0821	0845	0851	4	
0038	0821	0845	0851	0	
0039	0821	0845	0852	0	
0040	0821	0845	0852	0	

Rhonda Methvin
Signature (Lab. Tech.)

Jim Denton

Signature (Review/Approval)

*Step 2.1.2 "f" completed. **Step 2.1.2 "j" completed. ***Step 2.2 "f" completed.

F-5

9/16/94

NITRATE FIELD SCREENING WORKSHEET

LAB. TECH. NAME Jim Denton/Rhonda Methvin SITE IDENTIFIER KRLTD154

DATE 9/16/94

STANDARD ANALYSES

STANDARD	PPM	TIME
ST-1	14	0744
ST-2	14	0744
ST-3	15	0744
AVERAGE	14.3	

ANALYTICAL RESULTS FOR BATCH NIT-17

SAMPLE ID	TIME			NITRATE (PPM)	COMMENTS
	EXTRACT*	FILTER**	ANALYZE***		
0040 Dup	0821	0845	0852	2	
0131	0821	0845	0852	2	
0132	0821	0845	0853	1	
0133	0821	0845	0853	2	
0134	0821	0845	0853	3	
0135	0932	1018	1022	1	
0136	0932	1018	1022	0	
0137	0932	1018	1023	5	
0138	0932	1018	1023	1	
0139	0932	1018	1023	0	

Rhonda Methvin
Signature (Lab. Tech.)

Jim Denton

Signature (Review/Approval)

*Step 2.1.2 "f" completed. **Step 2.1.2 "j" completed. ***Step 2.2 "f" completed.

F-6

NITRATE FIELD SCREENING WORKSHEET

LAB. TECH. NAME Jim Denton / Rhonda Methvin SITE IDENTIFIER KRLTD154

DATE 9/16/94

STANDARD ANALYSES

STANDARD	PPM	TIME
ST-1	14	0744
ST-2	14	0744
ST-3	15	0744
AVERAGE	14.3	

ANALYTICAL RESULTS FOR BATCH NIT-17

SAMPLE ID	TIME			NITRATE (PPM)	COMMENTS
	EXTRACT*	FILTER**	ANALYZE***		
0140	0932	1018	1024	4	
0140 Dup	0932	1018	1024	4	
0141	0932	1018	1025	0	
0142	0932	1018	1025	2	
0940 Method Blank	NA	NA	0853	0	
0140 Method Blank	NA	NA	1025	0	

Rhonda Methvin
Signature (Lab. Tech.)

Jim Denton

Signature (Review/Approval)

*Step 2.1.2 "f" completed. **Step 2.1.2 "j" completed. ***Step 2.2 "f" completed.

NITRATE FIELD SCREENING WORKSHEET

LAB. TECH. NAME Jim Denton/Rhonda Methvin SITE IDENTIFIER KRLTD154

DATE 9/15/94

STANDARD ANALYSES

STANDARD	PPM	TIME
ST-1	14	0716
ST-2	14	0716
ST-3	14	0716
AVERAGE	14	

ANALYTICAL RESULTS FOR BATCH NIT-16

SAMPLE ID	TIME			NITRATE (PPM)	COMMENTS
	EXTRACT*	FILTER**	ANALYZE***		
0001	0806	0824	0831	11	
0002	0806	0824	0831	3	
0003	0806	0824	0831	7	
0004	0806	0824	0831	4	
0005	0806	0824	0832	4	
0006	0806	0824	0832	5	
0007	0806	0824	0832	6	
0008	0806	0824	0832	5	
0009	0806	0824	0833	4	
0010	0806	0824	0833	5	

Rhonda Methvin
Signature (Lab. Tech.)

Jim Denton

Signature (Review/Approval)

*Step 2.1.2 "f" completed. **Step 2.1.2 "j" completed. ***Step 2.2 "f" completed.

F-8

9/16/94

NITRATE FIELD SCREENING WORKSHEET

LAB. TECH. NAME Jim Denton/Rhonda Methvin SITE IDENTIFIER KRLIN154

DATE 9/15/94

STANDARD ANALYSES

STANDARD	PPM	TIME
ST-1	14	0716
ST-2	14	0716
ST-3	14	0716
AVERAGE	14	

ANALYTICAL RESULTS FOR BATCH NIT-16

SAMPLE ID	TIME			NITRATE (PPM)	COMMENTS
	EXTRACT*	FILTER**	ANALYZE***		
0011	0806	0824	0833	5	
0012	0806	0824	0833	3	
0013	0806	0824	0834	5	
0014	0806	0824	0834	5	
0015	0806	0824	0834	4	
0016	0948	~~0925~~ 1028	~~0937~~ 1037	0	
0017	0948	~~0925~~ 1028	~~0937~~ 1037	3	
0018	0948	~~0925~~ 1028	~~0937~~ 1037	5	
0019	0948	~~0925~~ 1028	~~0937~~ 1037	0	
0020	0948	1028	~~0937~~ 1038	3	
0020 Dup	0948	1028	~~0940~~ 1040	3	

Rhonda Methvin
Signature (Lab. Tech.)

Jim Denton

Signature (Review/Approval)

*Step 2.1.2 "f" completed. **Step 2.1.2 "j" completed. ***Step 2.2 "f" completed.

F-9

NITRATE FIELD SCREENING WORKSHEET

LAB. TECH. NAME Jim Denton/Rhonda Methvin SITE IDENTIFIER KRLTN154

DATE 9/15/94

STANDARD ANALYSES

STANDARD	PPM	TIME
ST-1	14	0716
ST-2	14	0716
ST-3	14	0716
AVERAGE	14	

ANALYTICAL RESULTS FOR BATCH NIT-16

SAMPLE ID	TIME			NITRATE (PPM)	COMMENTS
	EXTRACT*	FILTER**	ANALYZE***		
0021	0948	1028	~~0938~~ 1038	3	
0022	0948	1028	~~0938~~ 1038	1	
0023	0948	1028	~~0938~~ 1038	2	
0024	0948	1028	~~0939~~ 1038	3	
0025	0948	1028	~~0939~~ 1038	0	
0026	0948	1028	~~0939~~ 1038	3	
0027	0948	1028	~~0939~~ 1038	5	
0028	0948	1028	~~0940~~ 1040	5	
0029	0948	1028	~~0941~~ 1040	0	
0030	0948	1028	~~0940~~ 1040	4	
Method Blank	NA	NA	0834	0	

Rhonda Methvin
Signature (Lab. Tech.)

Jim Denton

Signature (Review/Approval)

*Step 2.1.2 "f" completed. **Step 2.1.2 "j" completed. ***Step 2.2 "f" completed.

F-10

9/14/94

NITRATE FIELD SCREENING WORKSHEET

LAB. TECH. NAME Jim Denton/Rhonda Methvin SITE IDENTIFIER KRLTD154

DATE 9/14/94

STANDARD ANALYSES

STANDARD	PPM	TIME
ST-1	14	0846
ST-2	15	0846
ST-3	15	0846
AVERAGE	14.6	

ANALYTICAL RESULTS FOR BATCH NIT-15

SAMPLE ID	TIME			NITRATE (PPM)	COMMENTS
	EXTRACT*	FILTER**	ANALYZE***		
0061	0848	0910	0915	0	
0062	0848	0910	0915	5	
0063	0848	0910	0915	2	
0064	0848	0910	0915	0	
0065	0848	0910	0916	2	
0066	0848	0910	0916	18	
0067	0848	0910	0916	0	
0068	0848	0910	0916	5	
0069	0848	0910	0917	3	
0070	0848	0910	0917	3	

Rhonda Methvin
Signature (Lab. Tech.)

Jim Denton

Signature (Review/Approval)

*Step 2.1.2 "f" completed. **Step 2.1.2 "j" completed. ***Step 2.2 "f" completed.

F-11

1/14/94

NITRATE FIELD SCREENING WORKSHEET

LAB. TECH. NAME Jim Denton / Rhonda Methvin SITE IDENTIFIER KPLT0154

DATE 9/14/94

STANDARD ANALYSES

STANDARD	PPM	TIME
ST-1	14	0846
ST-2	15	0846
ST-3	15	0846
AVERAGE	14.6	

ANALYTICAL RESULTS FOR BATCH NIT-15

SAMPLE ID	TIME			NITRATE (PPM)	COMMENTS
	EXTRACT*	FILTER**	ANALYZE***		
0071	0848	0910	0917	6	
0072	1000	1042	1047	7	
0073	1000	1042	1047	4	
0074	1000	1042	1047	0	
0075	1000	1042	1047	4	
0076	1000	1042	1048	6	
0077	1000	1042	1048	7	
0078	1000	1042	1048	8	
0079	1000	1042	1048	1	
0080	1000	1042	1049	5	

F-12

Rhonda Methvin
Signature (Lab. Tech.)

J. Denton

Signature (Review/Approval)

*Step 2.1.2 "f" completed. **Step 2.1.2 "j" completed. ***Step 2.2 "f" completed.

9/14/9.

NITRATE FIELD SCREENING WORKSHEET

LAB. TECH. NAME Jim Denton / Rhonda Methvin SITE IDENTIFIER KRLTD154

DATE 9/14/94

STANDARD ANALYSES

STANDARD	PPM	TIME
ST-1	14	0846
ST-2	15	0846
ST-3	15	0846
AVERAGE	14.6	

ANALYTICAL RESULTS FOR BATCH NIT-15

SAMPLE ID	TIME			NITRATE (PPM)	COMMENTS
	EXTRACT*	FILTER**	ANALYZE***		
0080 Dup	1000	1042	1049	5	
Method Blank	NA	NA	1049	0	

Rhonda Methvin
Signature (Lab. Tech.)

Jim Denton

Signature (Review/Approval)

*Step 2.1.2 "f" completed. **Step 2.1.2 "j" completed. ***Step 2.2 "f" completed.

1-13

9/13/94

NITRATE FIELD SCREENING WORKSHEET

LAB. TECH. NAME Jim Denton/Rhonda Methvin SITE IDENTIFIER KELTDISY

DATE 9/13/94

STANDARD ANALYSES

STANDARD	PPM	TIME
ST-1	16	0740
ST-2	16	0740
ST-3	16	0740
AVERAGE	16	

ANALYTICAL RESULTS FOR BATCH NIT-13

SAMPLE ID	TIME			NITRATE (PPM)	COMMENTS
	EXTRACT*	FILTER**	ANALYZE***		
0111	0818	0850	0900	2	
0112	0818	0850	0900	4	
0113	0818	0850	0900	7	
0114	0818	0850	0900	4	
0115	0818	0850	0901	6	
0116	0818	0850	0901	4	
0117	0818	0850	0901	5	
0118	0818	0850	0901	3	
0119	0818	0850	0902	6	
0120	0818	0850	0902	8	

Rhonda Methvin
Signature (Lab. Tech.)

Jim Denton

Signature (Review/Approval)

*Step 2.1.2 "f" completed. **Step 2.1.2 "j" completed. ***Step 2.2 "f" completed.

F-14

9/13/94

NITRATE FIELD SCREENING WORKSHEET

LAB. TECH. NAME Jim Denton/Rhonda Methvin SITE IDENTIFIER KRLTD154

DATE 9/13/94

STANDARD ANALYSES

STANDARD	PPM	TIME
ST-1	16	0740
ST-2	16	0740
ST-3	16	0740
AVERAGE	16	

ANALYTICAL RESULTS FOR BATCH NIT-13

SAMPLE ID	TIME			NITRATE (PPM)	COMMENTS
	EXTRACT*	FILTER**	ANALYZE***		
0120 Dup	0818	0850	0902	6	
0121	0818	0850	0902	7	
0122	0818	0850	0903	5	
0123	0818	0850	0903	6	
0124	0818	0850	0903	7	
0125	0818	0850	0903	5	
0126	1001	1040	1045	3	
0127	1001	1040	1045	8	
0128	1001	1040	1045	1	
0129	1001	1040	1046	1	

Rhonda Methvin
Signature (Lab. Tech.)

Jim Denton

Signature (Review/Approval)

*Step 2.1.2 "f" completed. **Step 2.1.2 "j" completed. ***Step 2.2 "f" completed.

F-15

9/13/

NITRATE FIELD SCREENING WORKSHEET

LAB. TECH. NAME Jim Denton/Rhonda Methvin SITE IDENTIFIER KRLTD154

DATE 9/13/94

STANDARD ANALYSES

STANDARD	PPM	TIME
ST-1	16	0740
ST-2	16	0740
ST-3	16	0740
AVERAGE	16	

ANALYTICAL RESULTS FOR BATCH NIT-13

SAMPLE ID	TIME			NITRATE (PPM)	COMMENTS
	EXTRACT*	FILTER**	ANALYZE***		
0130	1001	1040	1046	1	
Method Blank	NA	NA	~~NA~~ 0904	0	

F-16

Rhonda Methvin
Signature (Lab. Tech.)

Jim Denton

Signature (Review/Approval)

*Step 2.1.2 "f" completed. **Step 2.1.2 "j" completed. ***Step 2.2 "f" completed.

9/13/94

NITRATE FIELD SCREENING WORKSHEET

LAB. TECH. NAME Jim Denton / Rhonda Methvin SITE IDENTIFIER KRLTA154

DATE 9/13/94

STANDARD ANALYSES

STANDARD	PPM	TIME
ST-1	14	0950
ST-2	14	0950
ST-3	15	0950
AVERAGE		

ANALYTICAL RESULTS FOR BATCH NIT-14

SAMPLE ID	TIME			NITRATE (PPM)	COMMENTS
	EXTRACT*	FILTER**	ANALYZE***		
0041	1001	1040	1046	0	
0042	1001	1040	1046	2	
0043	1001	1040	1047	1	
0044	1001	1040	1047	4	
0045	1001	1040	1047	2	
0046	1001	1040	1047	4	
0047	1001	1040	1048	15	
0048	1001	1040	1048	8	
0049	1001	1040	1048	3	
0050	1001	1040	1048	3	

Rhonda Methvin
Signature (Lab. Tech.)

Jim Denton

Signature (Review/Approval)

*Step 2.1.2 "f" completed. **Step 2.1.2 "j" completed. ***Step 2.2 "f" completed.

F-17

NITRATE FIELD SCREENING WORKSHEET

LAB. TECH. NAME Jim Denton/Rhonda Methvin SITE IDENTIFIER KRLTA154

DATE 9/13/94

STANDARD ANALYSES

STANDARD	PPM	TIME
ST-1	14	0950
ST-2	14	0950
ST-3	15	0950
AVERAGE	14.3	

ANALYTICAL RESULTS FOR BATCH NIT-14

SAMPLE ID	TIME			NITRATE (PPM)	COMMENTS
	EXTRACT*	FILTER**	ANALYZE***		
0051	1001	1040	1049	9	
0052	1118	1138	1142	3	
0053	1118	1138	1142	8	
0054	1118	1138	1142	3	
0055	1118	1138	1142	3	
0056	1118	1138	1143	1	
0057	1118	1138	1143	3	
0058	1118	1138	1143	3	
0059	1118	1138	1143	2	
0060	1118	1125	1141	3	

Rhonda Methvin
Signature (Lab. Tech.)

Jim Denton

Signature (Review/Approval)

*Step 2.1.2 "f" completed. **Step 2.1.2 "j" completed. ***Step 2.2 "f" completed.

91-1

1113/94

NITRATE FIELD SCREENING WORKSHEET

LAB. TECH. NAME Jim Denton/Rhonda Methvin SITE IDENTIFIER KRLTN154

DATE 9/13/94

STANDARD ANALYSES

STANDARD	PPM	TIME
ST-1	14	0950
ST-2	14	0950
ST-3	15	0950
AVERAGE		

ANALYTICAL RESULTS FOR BATCH NIT-14

SAMPLE ID	TIME			NITRATE (PPM)	COMMENTS
	EXTRACT*	FILTER**	ANALYZE***		
0060 Dup	1118	1125	1041	3	
Method Blank	NA	NA	1049	0	

Rhonda Methvin
Signature (Lab. Tech.)

J. Denton

Signature (Review/Approval)

*Step 2.1.2 "f" completed. **Step 2.1.2 "j" completed. ***Step 2.2 "f" completed.

NITRATE FIELD SCREENING WORKSHEET

9/12/94

LAB. TECH. NAME Jim Denton/Rhonda Methvin SITE IDENTIFIER KRLTD154

DATE 9/12/94

STANDARD ANALYSES

STANDARD	PPM	TIME
ST-1	15	0723
ST-2	15	0723
ST-3	14	0723
AVERAGE	14.66	

ANALYTICAL RESULTS FOR BATCH NIT-12

SAMPLE ID	TIME			NITRATE (PPM)	COMMENTS
	EXTRACT*	FILTER**	ANALYZE***		
0091	0800	0820	0830	RS 3	
0092	0800	0820	0830	8	
0093	0800	0820	0830	13	
0094	0800	0820	0831	0	
0095	0800	0820	0831	RS 11	
0096	0800	0820	0831	7	
0097	0800	0820	0832	8	
0098	0800	0820	0832	3	
0099	0800	0820	0832	5	
0100	0800	0820	0833	3	

Rhonda Methvin
Signature (Lab. Tech.)

Signature (Review/Approval)

*Step 2.1.2 "f" completed. **Step 2.1.2 "j" completed. ***Step 2.2 "f" completed.

F-20

9/12/94

NITRATE FIELD SCREENING WORKSHEET

LAB. TECH. NAME Jim Denton/Rhonda Methvin SITE IDENTIFIER KRLTD154

DATE 9/12/94

STANDARD ANALYSES

STANDARD	PPM	TIME
ST-1	15	0723
ST-2	15	0723
ST-3	14	0723
AVERAGE	14.66	

ANALYTICAL RESULTS FOR BATCH NIT-12

SAMPLE ID	TIME			NITRATE (PPM)	COMMENTS
	EXTRACT*	FILTER**	ANALYZE***		
0100 Dup	0800	0820	0833	4	
0101	0800	0820	0833	11	
0102	0800	0820	0834	5	
0103	0907	0946	0951	0	
0104	0907	0946	0952	3	
0105	0907	0946	0952	3	
0106	0907	0946	0952	2	
0107	0907	0946	0953	5	
0108	0907	0946	0953	2	
0109	0907	0946	0953	15	

Rhonda Methvin
Signature (Lab. Tech.)

Jim Denton

Signature (Review/Approval)

*Step 2.1.2 "f" completed. **Step 2.1.2 "j" completed. ***Step 2.2 "f" completed.

F-21

7/12/94

NITRATE FIELD SCREENING WORKSHEET

LAB. TECH. NAME Jim Denton/Rhonda Methvin SITE IDENTIFIER KRLT0154

DATE 9/12/94

STANDARD ANALYSES

STANDARD	PPM	TIME
ST-1	15	0723
ST-2	15	0723
ST-3	14	0723
AVERAGE	14.66	

ANALYTICAL RESULTS FOR BATCH NIT-12

SAMPLE ID	TIME			NITRATE (PPM)	COMMENTS
	EXTRACT*	FILTER**	ANALYZE***		
0110	0907	0946	0954	5	
Method Blank	NA	NA	0834	0	

Rhonda Methvin
Signature (Lab. Tech.)

Signature (Review/Approval)

Jim Denton

*Step 2.1.2 "f" completed. **Step 2.1.2 "j" completed. ***Step 2.2 "f" completed.

F-22

NITRATE FIELD SCREENING WORKSHEET

9/9/94

LAB. TECH. NAME Jim Denton / Rhonda Methvin SITE IDENTIFIER KRLTD154

DATE 9/9/94

STANDARD ANALYSES

STANDARD	PPM	TIME
ST-1	16	0735
ST-2	16	0735
ST-3	14	0735
AVERAGE	15.3	

ANALYTICAL RESULTS FOR BATCH NIT-11

SAMPLE ID	TIME			NITRATE (PPM)	COMMENTS
	EXTRACT*	FILTER**	ANALYZE***		
0186	0806	0828	0835	4	
0187	0806	0828	0835	1	
0188	0806	0828	0835	2	
0189	0806	0828	0836	1	
0190	0806	0828	0836	5	
0191	0806	0828	0836	11	
0192	0806	0828	0837	4	
0193	0806	0828	0837	7	
0194	0806	0828	0837	8	
0195	0911	0930	0940	8	

Rhonda Methvin
Signature (Lab. Tech.)

Signature (Review/Approval)

Jim Denton

*Step 2.1.2 "f" completed. **Step 2.1.2 "j" completed. ***Step 2.2 "f" completed.

F-23

NITRATE FIELD SCREENING WORKSHEET

9/9/94

LAB. TECH. NAME Jim Denton/Rhonda Methvin SITE IDENTIFIER KRLTD154

DATE 9/9/94

STANDARD ANALYSES

STANDARD	PPM	TIME
ST-1	16	0735
ST-2	16	0735
ST-3	14	0735
AVERAGE	15.3	

ANALYTICAL RESULTS FOR BATCH NIT-11

SAMPLE ID	TIME			NITRATE (PPM)	COMMENTS
	EXTRACT*	FILTER**	ANALYZE***		
0196	0911	0930	0940	7	
0197	0911	0930	0940	0	
0198	0911	0930	0940	5	
0199	0911	0930	0941	3	
0200	0911	0930	0941	1	
0200 Dup	0911	0930	0941	1	
0201	0911	0930	0941	0	
0202	0911	0930	0942	4	
0203	0911	0930	0947	0	
0204	0911	0930	0942	2	

Rhonda Methvin
Signature (Lab. Tech.)

Jim Denton

Signature (Review/Approval)

*Step 2.1.2 "f" completed. **Step 2.1.2 "j" completed. ***Step 2.2 "f" completed.

F-34

NITRATE FIELD SCREENING WORKSHEET

LAB. TECH. NAME Jim Denton/Rhonda Methvin SITE IDENTIFIER KRLTD154

DATE 9/1/94

STANDARD ANALYSES

STANDARD	PPM	TIME
ST-1	14	0726
ST-2	14	0726
ST-3	14	0727
AVERAGE	14	

ANALYTICAL RESULTS FOR BATCH NIT-7

SAMPLE ID	TIME			NITRATE (PPM)	COMMENTS
	EXTRACT*	FILTER**	ANALYZE***		
0238	0758	0820	0825	22	
0239	0758	0820	0825	2	
0240	0758	0820	0826	4	
0240 Dup	0758	0820	0826	2	
0241	0758	0820	0827	4	
0242	0758	0820	0827	3	
0243	0758	0820	0828	0	
0244	0758	0820	0828	3	
0245	0758	0820	0829	0	
0286	0758	0820	0829	0	

Rhonda Methvin
Signature (Lab. Tech.)

Signature (Review/Approval)

*Step 2.1.2 "f" completed. **Step 2.1.2 "j" completed. ***Step 2.2 "f" completed.

F-25

NITRATE FIELD SCREENING WORKSHEET

LAB. TECH. NAME Jim Denton/Rhonda Methvin SITE IDENTIFIER KRLTD154

DATE 9/1/94

STANDARD ANALYSES

STANDARD	PPM	TIME
ST-1	14	0726
ST-2	14	0726
ST-3	14	0726
AVERAGE	14	

ANALYTICAL RESULTS FOR BATCH NIT-7

SAMPLE ID	TIME			NITRATE (PPM)	COMMENTS
	EXTRACT*	FILTER**	ANALYZE***		
0287	0853	0925	0930	0	
0288	0853	0925	0930	2	
0289	0853	0925	0931	2	
0290	0853	0925	0931	1	
0291	0853	0925	0932	2	
0292	0853	0925	0932	3	
0293	0853	0925	0933	4	
0294	0853	0925	0933	4	
0295	0853	0925	0934	6	
Method Blank	NA	NA	0934	0	

Rhonda Methvin
Signature (Lab. Tech.)

Jim Denton

Signature (Review/Approval)

*Step 2.1.2 "f" completed. **Step 2.1.2 "j" completed. ***Step 2.2 "f" completed.

F-26

NITRATE FIELD SCREENING WORKSHEET

LAB. TECH. NAME Jim Denton/Rhonda Methvin SITE IDENTIFIER KRLTD154

DATE 8/31/94

STANDARD ANALYSES

STANDARD	PPM	TIME
ST-1	15	0725
ST-2	16	0725
ST-3	15	0726
AVERAGE	15.33	

ANALYTICAL RESULTS FOR BATCH NIT-6

SAMPLE ID	TIME			NITRATE (PPM)	COMMENTS
	EXTRACT*	FILTER**	ANALYZE***		
0226	0801	0825	0830	2	
0227	0801	0825	0830	2	
0228	0801	0825	0831	0	
0229	0801	0825	0831	4	
0230	0801	0825	0832	0	
0231	0801	0825	0833	1	
0232	0801	0825	0833	0	
0233	0801	0825	0833	0	
0234	0801	0825	0834	~~8~~ 2	
0235	0801	0825	0834	8	
0236	0801	0825	0835	5	
0237	0801	0825	0835	6	

Rhonda Methvin
Signature (Lab. Tech.)

Jim Denton

Signature (Review/Approval)

*Step 2.1.2 "f" completed. **Step 2.1.2 "j" completed. ***Step 2.2 "f" completed.

F-27

NITRATE FIELD SCREENING WORKSHEET

LAB. TECH. NAME Jim Denton / Rhonda Methvin SITE IDENTIFIER KRLT0154

DATE 8/30/94

STANDARD ANALYSES

STANDARD	PPM	TIME
ST-1	14	0750
ST-2	15	0751
ST-3	16	0751
AVERAGE	15	

ANALYTICAL RESULTS FOR BATCH NIT-5

SAMPLE ID	TIME			NITRATE (PPM)	COMMENTS
	EXTRACT*	FILTER**	ANALYZE***		
0301	0823	0845	0857	5	
0302	0823	0845	0857	3	
0303	0823	0845	0858	1	
0304	0823	0845	0858	2	
0305	0823	0845	0859	1	
0306	0823	0845	0859	3	
0307	0823	0845	0900	39	
0308	0823	0845	0900	4	
0309	0823	0845	0901	0	
0310	0823	0845	0901	3	
0310 Dup	0823	0845	0902	3	
MB	0823	0845	0902	0	

Rhonda Methvin
Signature (Lab. Tech.)

Jim Denton

Signature (Review/Approval)

*Step 2.1.2 "f" completed. **Step 2.1.2 "j" completed. ***Step 2.2 "f" completed.

F-28

NITRATE FIELD SCREENING WORKSHEET

LAB. TECH. NAME Jim Denton/R. Methven SITE IDENTIFIER KRLTD154

DATE 8/29/94

STANDARD ANALYSES

STANDARD	PPM	TIME
ST-1	14	0729
ST-2	15	0730
ST-3	14	0731
AVERAGE	14.3	

ANALYTICAL RESULTS FOR BATCH _____

SAMPLE ID	TIME			NITRATE (PPM)	COMMENTS
	EXTRACT*	FILTER**	ANALYZE***		
Ø0151	0830	0900	0910	4	
0152	0830	0900	0911	0	
0153	0830	0900	0912	2	
0154	0830	0900	0917	2	
0155	0830	0900	0913	1	
0156	0830	0900	0913	2	
0157	0830	0900	0914	7	
0158	0830	0900	0915	2	
0159	0830	0900	0915	2	
0160	0921	0945	0955	3	

Rhonda Methven 8/29/94
Signature (Lab. Tech.)

Jim Denton

Signature (Review/Approval)

*Step 2.1.2 "f" completed. **Step 2.1.2 "j" completed. ***Step 2.2 "f" completed.

NITRATE FIELD SCREENING WORKSHEET

LAB. TECH. NAME Jim Denton/Rhonda Methvin SITE IDENTIFIER KRLTD154

DATE 8/29/94

STANDARD ANALYSES

STANDARD	PPM	TIME
ST-1	14	0729
ST-2	15	0730
ST-3	14	0731
AVERAGE	14.3	

ANALYTICAL RESULTS FOR BATCH _____

SAMPLE ID	TIME			NITRATE (PPM)	COMMENTS
	EXTRACT*	FILTER**	ANALYZE***		
0161	0921 ~~0830 pm~~	0945	0956	5	
0162	0921	0945	0956	0	
0163	0921	0945	0957	2	
0164	0921	0945	0957	2	
0165	0921	0945	0958	12	
MB	ND	0945	0958	0	
0160 Dup	0921	0945	0955	5	

Rhonda Methvin 8/29/94
Signature (Lab. Tech.)

Jim Denton

Signature (Review/Approval)

*Step 2.1.2 "f" completed. **Step 2.1.2 "j" completed. ***Step 2.2 "f" completed.

NITRATE FIELD SCREENING WORKSHEET

LAB. TECH. NAME Jim Denton/Rhonda Methvin SITE IDENTIFIER KRLTD154

DATE 8/26/94

STANDARD ANALYSES

STANDARD	PPM	TIME
ST-1	14	0750
ST-2	15	0751
ST-3	15	0752
AVERAGE	14.67	

ANALYTICAL RESULTS FOR BATCH NIT-3

SAMPLE ID	TIME			NITRATE (PPM)	COMMENTS
	EXTRACT*	FILTER**	ANALYZE***		
0284	0821	0851	0916	45	
0285	0821	0851	0917	0	
0081	0821	0851	0918	3	Trouble filtering, heavy soil
0082	0821	0851	0919	0	Trouble filtering, heavy soil
0083	0821	0851	0920	3	Trouble filtering, heavy soil
0084	0821	0851	0921	48	
0085	0950	1016	1030	D	
0086	0950	1016	1031	1	
0087	0950	1016	1032	1	
0088	0950	1017	1033	0	

Jamie Denton
Rhonda Methvin
Signature (Lab. Tech.)

Signature (Review/Approval)

*Step 2.1.2 "f" completed. **Step 2.1.2 "j" completed. ***Step 2.2 "f" completed.

NITRATE FIELD SCREENING WORKSHEET

LAB. TECH. NAME Jim Denton/Rhonda Methvin SITE IDENTIFIER KRLTD154

DATE 8/26/94

STANDARD ANALYSES

STANDARD	PPM	TIME
ST-1	14	0750
ST-2	15	0751
ST-3	15	0752
AVERAGE	14.67	

ANALYTICAL RESULTS FOR BATCH NIT-3

SAMPLE ID	TIME			NITRATE (PPM)	COMMENTS
	EXTRACT*	FILTER**	ANALYZE***		
0089	0950	1017	1034	0	
0090	0950	1017	1035	1	

Jim Denton
Rhonda Methvin
Signature (Lab. Tech.)
8/26/94

Signature (Review/Approval)

*Step 2.1.2 "f" completed. **Step 2.1.2 "j" completed. ***Step 2.2 "f" completed.

NITRATE FIELD SCREENING WORKSHEET

LAB. TECH. NAME J.R. Denton SITE IDENTIFIER KRLTO 154

DATE 24AUG

STANDARD ANALYSES

STANDARD	PPM	TIME
ST-1	17	1105
ST-2	15	1116
ST-3	16	1117
AVERAGE	16	

ANALYTICAL RESULTS FOR BATCH NIT-1

SAMPLE ID	TIME			NITRATE (PPM)	COMMENTS
	EXTRACT*	FILTER**	ANALYZE***		
0276	1149	1207	1216	9	
0277	1149	1207	1218	4	

James R Denton
Signature (Lab. Tech.)
24 Aug 94

Signature (Review/Approval)

*Step 2.1.2 "f" completed. **Step 2.1.2 "j" completed. ***Step 2.2 "f" completed.

NITRATE FIELD SCREENING WORKSHEET

LAB. TECH. NAME Jim Denton / Rhonda Methvin SITE IDENTIFIER KRLTD154

DATE 8/25/94

STANDARD ANALYSES

STANDARD	PPM	TIME
ST-1	14	0800
ST-2	15	0801
ST-3	14	0802
AVERAGE	14.3	

ANALYTICAL RESULTS FOR BATCH NIT-2

SAMPLE ID	TIME			NITRATE (PPM)	COMMENTS
	EXTRACT*	FILTER**	ANALYZE***		
0278	0839	0850	0908	2	
0279	0839	0850	0909	2	
0280	0839	0850	0910	1	
0281	0839	0850	0911	8	
0282	0839	0850	0912	2	
0283	0839	0850	0913	2	

James Denton
Rhonda Methvin
Signature (Lab. Tech.)

25 Aug 94

Signature (Review/Approval)

*Step 2.1.2 "f" completed. **Step 2.1.2 "j" completed. ***Step 2.2 "f" completed.

F-34

9/20/94

PETN FIELD SCREENING WORKSHEET

LAB. TECH. NAME Jim Denton / Rhonda Methvin

SITE IDENTIFIER KRLT0154

DATE 9/20/94

BATCH NUMBER TLC-19

QUALITY ASSURANCE/QUALITY CONTROL

Type	Concentration/ID	Spot Time	Rf	Notes
Method Blank	N/A	1035	0	
Standard 1	800 PETN	0950	9	In acetone range
Standard 2	1000 PETN	0957	9	In acetone range
Standard 3	100 Diesel	1005	9	In hexane range
Standard 4	500 Diesel	1014	9	In hexane range
Soil Blank	—	—	—	—
Matrix Spike	100000 Diesel 4000 PETN	1020	9	In acetone & hexane range
Blank Spike ~~Replicate~~	100000 Diesel 4000 PETN	1028	9	In acetone & hexane range

Rhonda Methvin
Signature (Lab Tech)

Signature (Review/Approval)

SAMPLES

ID	Spot Time	Sample (grams)	Solvent (mL)	Rf	Notes
~~0213~~ RM	—	—	~~4~~ RM	—	—
0214	0940	5.1	4	⊖	
0215	0947	5.1	4	⊖	
0216	0955	5.0	4	⊖	
0217	1003	5.1	4	⊖	
0218	1011	5.1	4	⊖	
0219	1019	5.1	4	⊖	
0220	1045	5.1	4	⊖	
0220 Dup	1053	5.1	4	⊖	
0221	1026	5.1	4	⊖	
0222	1033	5.0	4	⊖	

Rhonda Mether
Signature (Lab Tech)

Signature (Review/Approval)

PETN FIELD SCREENING WORKSHEET

SAMPLES

ID	Spot Time	Sample (grams)	Solvent (mL)	Rf	Notes
0223	1040	5.1	4	⊖	
0224	1047	5.1	4	⊖	
0225	1054	5.1	4	⊖	

Rhonda Methen
Signature (Lab Tech)

Signature (Review/Approval)

9/19/94

PETN FIELD SCREENING WORKSHEET

LAB. TECH. NAME Jim Denton / Rhonda Methvin

SITE IDENTIFIER KRLTD154

DATE 9/19/94

BATCH NUMBER JLC-18

QUALITY ASSURANCE/QUALITY CONTROL

Type	Concentration/ID	Spot Time	Rf	Notes
Method Blank	N/A	1113	e	
Standard 1	800 PETN	1025	9	In acetone range
Standard 2	1000 PETN	1030	9	In acetone range
Standard 3	100 Diesel	1036	9	In hexane range
Standard 4	500 Diesel	1044	9	In hexane range
Soil Blank	—	—	—	
Matrix Spike	—	—	—	
Replicate	—	—	—	

Rhonda Methvin
Signature (Lab Tech)

Signature (Review/Approval)

PETN FIELD SCREENING WORKSHEET

SAMPLES

ID	Spot Time	Sample (grams)	Solvent (mL)	Rf	Notes
0143	0958	5.0	4	e	
0144	1004	5.0	4	e	
0145	1011	5.0	4	e	
0146	1017	5.0	4	e	
0147	1025	5.0	4	e	
0148	1031	5.0	4	e	
0149	1039	4.9	4	e	
0150	1046	5.0	4	e	
0206	1115	5.0	4	e	
0207	1120	4.9	4	e	
0208	1120	5.0	4	e	

F-39

Rhonda Methum
Signature (Lab Tech)

Signature (Review/Approval)

PETN FIELD SCREENING WORKSHEET

SAMPLES

ID	Spot Time	Sample (grams)	Solvent (mL)	Rf	Notes
0209	1127	4.9	4	⊖	
0210	1134	5.0	4	⊖	
0211	1140	5.1	4	⊖	
0212	1126	5.0	4	⊖	
0213	1134	5.0	4	⊖	

F-40

Rhonda Methun
Signature (Lab Tech)

Signature (Review/Approval)

9/16/94

PETN FIELD SCREENING WORKSHEET

LAB. TECH. NAME Jim Denton / Rhonda Methvin

SITE IDENTIFIER KRLI D154

DATE 9/16/94

BATCH NUMBER TLC - 17

QUALITY ASSURANCE/QUALITY CONTROL

Type	Concentration/ID	Spot Time	Rf	Notes
Method Blank	N/A	1348	0	
Standard 1	800 PETN	1210	9	In acetone range
Standard 2	1000 PETN	1220	9	In acetone range
Standard 3	100 Diesel	1230	9	In hexane range
Standard 4	500 Diesel	1240	9	In hexane range
Soil Blank	NA	NA	0	
0140 3.1g Matrix Spike	100000 Diesel 4000 PETN	1255	9	In acetone & hexane range
Blank Spike ~~Replicate~~	100000 Diesel 4000 PETN	1306	9	In acetone & hexane range

Rhonda Methvin
Signature (Lab Tech)

Signature (Review/Approval)

F-41

SAMPLES

ID	Spot Time	Sample (grams)	Solvent (mL)	Rf	Notes
0131	1232	5.1	4	⊖	
0132	1239	5.1	4	⊖	
0133	1246	5.0	4	⊖	
0134	1253	5.1	4	⊖	
0135	1255	5.0	4	⊖	
0136	1305	5.1	4	⊖	
0137	1311	5.0	4	⊖	
0138	1316	5.0	4	⊖	
0139	1322	5.1	4	⊖	
0140	1453	5.0	4	⊖	
0140 Dup	1458	5.1	4	⊖	

F-42

Rhonda Methen
Signature (Lab Tech)

Signature (Review/Approval)

1161

SAMPLES

ID	Spot Time	Sample (grams)	Solvent (mL)	Rf	Notes
0141	1329	5.0	4	0	
0142	1335	4.9	4	0	
RE 0022	1348	5.0	4	0	
RE 0026	1340	4.9	4	0	

F-43

Rhonda Methum
Signature (Lab Tech)

Signature (Review/Approval)

PETN FIELD SCREENING WORKSHEET

LAB. TECH. NAME Jim Denton / Rhonda Methvin

SITE IDENTIFIER KRLTD154

DATE 9/16/94

BATCH NUMBER TLC-17

QUALITY ASSURANCE/QUALITY CONTROL

Type	Concentration/ID	Spot Time	Rf	Notes
Method Blank	N/A	1320	0	
Standard 1	800 PETN	1205	9	In acetone range
Standard 2	1000 PETN	1215	9	In acetone range
Standard 3	100 Diesel	1225	9	In hexane range
Standard 4	500 Diesel	1235	9	In hexane range
5.0 g Soil Blank		1315	0	
0040 4.9 g Matrix Spike	100000 Diesel 4000 PETN	1245	9	In acetone & hexane range
Blank Spike ~~Replicate~~	100000 Diesel 4000 PETN	1301	9	In acetone & hexane range

Rhonda Methvin
Signature (Lab Tech)

Signature (Review/Approval)

F-44

SAMPLES

ID	Spot Time	Sample (grams)	Solvent (mL)	Rf	Notes
0031	1130	5.0	4	⊖	
0032	1136	5.1	4	⊖	
0033	1141	5.0	4	⊖	
0034	1148	4.9	4	⊖	
0035	1158	5.1	4	⊖	
0036	1205	5.0	4	⊖	
0037	1211	5.0	4	⊖	
0038	1218	4.9	4	⊖	
0039	1225	5.0	4	⊖	
0040	1325	5.1	4	⊖	
0040 Dup	1335	5.1	4	⊖	

54-F

Rhonda Methum
Signature (Lab Tech)

Signature (Review/Approval)

PETN FIELD SCREENING WORKSHEET

LAB. TECH. NAME Jim Denton / Rhonda Methvin

SITE IDENTIFIER KRLTN154

DATE 9/15/94

BATCH NUMBER TNT-16

QUALITY ASSURANCE/QUALITY CONTROL

Type	Concentration/ID	Spot Time	Rf	Notes
Method Blank	N/A	1336	0	
Standard 1	800 PETN	1254	9	In acetone range
Standard 2	1000 PETN	1305	9	In acetone range
Standard 3	100 Diesel	1312	9	In hexane range
Standard 4	500 Diesel	1318	9	In hexane range
Soil Blank				
Matrix Spike	100000 Diesel 4000 PETN	1325	9	In hexane & acetone range
Blank Spike ~~Replicate~~	100000 Diesel 4000 PETN	1333	9	In hexane & acetone range

Rhonda Methvin
Signature (Lab Tech)

Signature (Review/Approval)

94-1

7/15/94

PETN FIELD SCREENING WORKSHEET

SAMPLES

ID	Spot Time	Sample (grams)	Solvent (mL)	Rf	Notes
0001	1135	5.1	4	G	
0002	1146	5.1	4	G	
0003	1155	5.1	4	G	
0004	1204	5.1	4	G	
0005	1212	5.1	4	G	
0006	1220	5.1	4	G	
0007	1227	5.0	4	G	
0008	1233	5.0	4	G	
0009	1239	5.1	4	G	
0010	1245	5.0	4	G	
0011	1248	5.1	4	G	

F-47

Rhonda Methen
Signature (Lab Tech)

Signature (Review/Approval)

SAMPLES

ID	Spot Time	Sample (grams)	Solvent (mL)	Rf	Notes
0012	1259	5.1	4	⊖	
0013	1307	5.0	4	⊖	
0014	1315	5.1	4	⊖	
0015	1321	5.1	4	⊖	
0016	1329	4.9	4	⊖	
0017	1336	5.0	4	⊖	
0018	1343	5.0	4	⊖	
0019	1350	5.0	4	⊖	
0020	1343	4.9	4	⊖	
0020 Dup	1350	5.1	4	⊖	
0021	1355	5.1	4	⊖	

F-48

Rhonda Methum
Signature (Lab Tech)

Signature (Review/Approval)

SAMPLES

ID	Spot Time	Sample (grams)	Solvent (mL)	Rf	Notes
0022	1405	5.0	4	⊖	
0023	1413	5.1	4	⊖	
0024	1419	5.0	4	⊖	
0025	1426	5.1	4	⊖	
0026	1428	4.9	4	⊖	
0027	1359	5.0	4	⊖	
0028	1407	4.9	4	⊖	
0029	1414	5.1	4	⊖	
0030	1423	5.1	4	⊖	

F-49

Rhonda Methun
Signature (Lab Tech)

Signature (Review/Approval)

PETN FIELD SCREENING WORKSHEET

LAB. TECH. NAME Jim Denton / Rhonda Methvin

SITE IDENTIFIER KRLTAL54

DATE 9/14/94

BATCH NUMBER TNT-15

QUALITY ASSURANCE/QUALITY CONTROL

Type	Concentration/ID	Spot Time	Rf	Notes
Method Blank	N/A	1241	~~0~~	
Standard 1	800 PETN	1155	9	In acetone range
Standard 2	1000 PETN	1203	9	In acetone range
Standard 3	100 Diesel	1207	9	In hexane range
Standard 4	500 Diesel	1215	9	In hexane range
Soil Blank	~~0~~	1234	~~0~~	
Matrix Spike	100000 Diesel 4000 PETN	1222	9	In acetone & hexane range
Blank Spike ~~Replicate~~	100000 Diesel 4000 PETN	1228	9	In acetone & hexane range

Rhonda Methvin
Signature (Lab Tech)

Signature (Review/Approval)

F-50

SAMPLES

ID	Spot Time	Sample (grams)	Solvent (mL)	Rf	Notes
0061	1321	5.0	4	9	Slight indication in hexane range, will re-run
0062	1328	5.0	4	E	
0063	1335	5.0	4	E	
0064	1344	5.0	4	E	
0065	1351	4.9	4	E	
0066	1400	5.0	4	E	
0067	1408	5.1	4	E	
0068	1415	5.1	4	E	
0069	1421	5.0	4	E	Slight indication will re-run to verify
0070	1429	5.1	4	E	
0071	1340	5.1	4	E	

Rhonda Methum
Signature (Lab Tech)

Signature (Review/Approval)

F-51

PETN FIELD SCREENING WORKSHEET

SAMPLES

ID	Spot Time	Sample (grams)	Solvent (mL)	Rf	Notes
0072	1343	5.1	4	e	
0073	1353	5.0	4	e	
0074	1401	5.0	4	e	
0075	1249	4.9	4	e	
0076	1255	5.1	4	9	Slight indication in hexane range. Will re-run
0077	1303	5.0	4	e	
0078	1314	5.1	4	e	
0079	1321	5.0	4	e	
0080	1327	5.1	4	e	
0080 Dup	1335	5.1	4	e	

F-52

Rhonda Methen
Signature (Lab Tech)

Signature (Review/Approval)

PETN FIELD SC...ENING WORKSHEET

SAMPLES

ID	Spot Time	Sample (grams)	Solvent (mL)	Rf	Notes
0076 RE	1450	5.1	4	7	Slight indication in hexane
0080 RE	1459	5.1	4	0	
0061 RE	1507	5.0	4	9	Slight indication in hexane
0069 RE	~~1450~~ 1515	5.0	4	0	

Rhonda Methum
Signature (Lab Tech)

Signature (Review/Approval)

PETN FIELD SC...ENING WORKSHEET

Re-run from 9/13/94

SAMPLES

ID	Spot Time	Sample (grams)	Solvent (mL)	Rf	Notes
0041	1450	5.0	4	9	In acetone range
0043	1500	5.0	4	9	In acetone range
0046	1507	5.0	4	9	In acetone range
0048	1517	5.0	4	9	In acetone range
0049	1526	5.1	4	9	In acetone range
0056	1534	5.0	4	9	In acetone range
0057	1544	5.0	4	9	In acetone range
0058	1552	5.1	4	9	In acetone range
0059	1603	5.0	4	9	In acetone range
0060	1615	5.1	4	0	

Rhonda Methen
Signature (Lab Tech)

Signature (Review/Approval)

9/13/94

PETN FIELD SCREENING WORKSHEET

LAB. TECH. NAME Jim Denton/Rhonda Methvin

SITE IDENTIFIER KRLTD154

DATE 9/13/94

BATCH NUMBER TLC-13

QUALITY ASSURANCE/QUALITY CONTROL

Type	Concentration/ID	Spot Time	Rf	Notes
Method Blank	N/A	1743	0	
Standard 1	800 PETN	1645	9	In acetone range
Standard 2	1000 PETN	1655	9	In acetone range
Standard 3	100 Diesel	1703	9	In hexane range
Standard 4	500 Diesel	1709	9	In hexane range
Soil Blank	NA	1733	0	
Matrix Spike	100000 Diesel 4000 PETN	1719	9	In acetone & hexane range
Blank Spike ~~Replicate~~	100000 Diesel 4000 PETN	1724	9	In acetone & hexane range

Rhonda Methvin
Signature (Lab Tech)

Signature (Review/Approval)

SAMPLES

ID	Spot Time	Sample (grams)	Solvent (mL)	Rf	Notes
0111	1237	5.1	4	⊖	
0112	1244	5.1	4	⊖	
0113	1253	5.1	4	⊖	
0114	1300	5.1	4	⊖	
0115	1308	5.0	4	⊖	
0116	1322	5.1	4	⊖	
0117	1330	5.0	4	⊖	
0118	1337	5.1	4	⊖	
0119	1345	5.1	4	⊖	
0120	1740	5.1	4	⊖	
0120 Dup	1750	5.0	4	⊖	

Rhonda Mathis
Signature (Lab Tech)

Signature (Review/Approval)

SAMPLES

ID	Spot Time	Sample (grams)	Solvent (mL)	Rf	Notes
0121	1352	5.1	4	⊖	
0122	1358	4.9	4	⊖	
0123	1404	5.1	4	⊖	
0124	1410	5.1	4	⊖	
0125	1417	5.1	4	⊖	
0126	1424	5.1	4	⊖	
0127	1430	5.0	4	⊖	
0128	1436	5.0	4	⊖	
0129	1442	5.0	4	⊖	
0130	1447	5.1	4	⊖	

F-57

Rhonda Mathers
Signature (Lab Tech)

Signature (Review/Approval)

7/13/94

PETN FIELD SCREENING WORKSHEET

LAB. TECH. NAME Jim Denton / Rhonda Methvin

SITE IDENTIFIER KRLTD154

DATE 9/13/94

BATCH NUMBER TLC-14

QUALITY ASSURANCE/QUALITY CONTROL

Type	Concentration/ID	Spot Time	Rf	Notes
Method Blank	N/A		0	
Standard 1	800 PETN	1647	9	
Standard 2	1000 PETN	1657	9	
Standard 3	100 Diesel	1705	9	
Standard 4	500 Diesel	1711	9	
Soil Blank	—	—	—	—
Matrix Spike	100000 Diesel 4000 PETN	1721	9	
Blank Spike ~~Replicate~~	100000 Diesel 4000 PETN	1723	9	

Rhonda Methvin
Signature (Lab Tech)

Signature (Review/Approval)

F-58

SAMPLES

ID	Spot Time	Sample (grams)	Solvent (mL)	Rf	Notes
0041	1535	5.0	4	9	In acetone range. Will re-run 9/14
0042	1542	5.1	4	Θ	
0043	1549	5.0	4	9	In acetone range. Will re-run 9/14
0044	1554	5.1	4	Θ	
0045	1601	4.9	4	Θ	
0046	1608	5.0	4	9	In acetone range. Will re-run 9/14
0047	1615	5.0	4	Θ	
0048	1621	5.0	4	9	In acetone range. Will re-run 9/14
0049	1628	5.1	4	9	In acetone range. Will re-run 9/14
0050	1635	5.1	4	Θ	
0051	1643	5.1	4	Θ	

Rhonda Methun
Signature (Lab Tech)

Signature (Review/Approval)

F-59

SAMPLES

ID	Spot Time	Sample (grams)	Solvent (mL)	Rf	Notes
0052	1648	5.0	4	⊖	
0053	1654	5.0	4	⊖	
0054	1701	4.9	4	⊖	
0055	1708	5.1	4	⊖	
0056	1714	5.0	4	9	In acetone range. Will re-run 9/14
0057	1719	5.0	4	9	In acetone range. Will re-run 9/14
0058	1729	5.1	4	9	In acetone range Will re-run 9/14
0059	1735	5.0	4	9	In acetone range. Will re-run 9/14
0060	1733	5.0	4	9	In acetone range Will re-run 9/14
0060 Dup	1743	5.1	4	9	In acetone range Will re-run 9/14

F-80

Rhonda Methun
Signature (Lab Tech)

Signature (Review/Approval)

PETN FIELD SCREENING WORKSHEET

9/12/94

LAB. TECH. NAME Jim Denton / Rhonda Methvin

SITE IDENTIFIER KRLTD154

DATE 9/12/94

BATCH NUMBER TLC-12

QUALITY ASSURANCE/QUALITY CONTROL

Type	Concentration/ID	Spot Time	Rf	Notes
Method Blank	N/A	1218	0	
Standard 1	800 PETN	1125	9	
Standard 2	1000 PETN	1134	9	
Standard 3	500 Diesel	1154	9	
Standard 4	100 Diesel	1144	9	
Soil Blank	NA	NA	NA	
5.0 g Matrix Spike	100000 Diesel 4000 PETN	1212	9	
Blank Spike ~~Replicate~~	100000 Diesel 4000 PETN	1203	9	

Rhonda Methvin
Signature (Lab Tech)

J. Denton

Signature (Review/Approval)

F-61

PETN FIELD SCREENING WORKSHEET

9/12/94

SAMPLES

ID	Spot Time	Sample (grams)	Solvent (mL)	Rf	Notes
0091	1040	5.0	4	0	
0092	1046	5.1	4	0	
0093	1053	5.1	4	0	
0094	1115	5.0	4	0	
0095	1124	5.0	4	0	
0096	1137	5.1	4	0	
0097	1146	5.0	4	~~0~~ 9	Only shows when developed in iodine In acetone range. Re-run to confirm
0098	1155	5.0	4	0	
0099	1203	5.1	4	0	
0100	~~1212~~ 1225	~~5.0~~ 5.1	4	0	
0100 Dup	1235	5.1	4	0	

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Signature (Lab Tech)

Signature (Review/Approval)

PETN FIELD SCREENING WORKSHEET

9/12/94

SAMPLES

ID	Spot Time	Sample (grams)	Solvent (mL)	Rf	Notes
0101	1212	5.0	4	0	
0102	1218	5.0	4	0	
0103	1226	5.0	4	0	
0104	1234	5.1	4	0	
0105	1240	5.0	4	0	
0106	1247	5.0	4	0	
0107	1257	5.0	4	0	
0108	1243	5.1	4	0	
0109	1253	5.0	4	0	
0110	1300	5.0	4	0	
0097-RE	1335	5.0	4	9	Only shows when developed in iodine in acetone range

Rhonda Methun
Signature (Lab Tech)

Signature (Review/Approval)

PETN FIELD SCREENING WORKSHEET

9/9/94

LAB. TECH. NAME Jim Denton / Rhonda Methvin

SITE IDENTIFIER XRLTD154

DATE 9/9/94

BATCH NUMBER TLC-11

QUALITY ASSURANCE/QUALITY CONTROL

Type	Concentration/ID	Spot Time	Rf	Notes
Method Blank	N/A	1253	0	
Standard 1	800 PETN	1155	9	Acetone ~~& hexane~~ RM range
Standard 2	1000 PETN	1200	9	Acetone ~~& hexane~~ RM range
Standard 3	100 Diesel	1207	9	Acetone & hexane range
Standard 4	500 Diesel	1215	9	Acetone & hexane range
5.0g Soil Blank	N/A	1240	0	
5.1g Matrix Spike	100,000 Diesel 4000 PETN	1223	9	Acetone & hexane range
Blank Spike Replicate	100,000 Diesel 4000 PETN	1231	9	Acetone & hexane range

Rhonda Methvin
Signature (Lab Tech)

Jim Denton

Signature (Review/Approval)

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PETN FIELD SCREENING WORKSHEET

9/9/94

SAMPLES

ID	Spot Time	Sample (grams)	Solvent (mL)	Rf	Notes
0186	1131	5.1	4	⊖	
0187	1138	5.1	4	⊖	
0188	1145	5.0	4	⊖	
0189	1157	5.0	4	⊖	
0190	1210	5.0	4	⊖	
0191	1220	5.1	4	⊖	
0192	1230	5.1	4	⊖	
0193	1237	5.0	4	9	At acetone line; will rerun to verify
0194	1247	5.0	4	⊖	
0195	1255	5.1	4	⊖	
0196	1301	5.1	4	⊖	

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Rhonda Methum
Signature (Lab Tech)

Signature (Review/Approval)

9/9/9

PETN FIELD SCREENING WORKSHEET

SAMPLES

ID	Spot Time	Sample (grams)	Solvent (mL)	Rf	Notes
0197	1310	5.1	4	0	
0198	1315	5.0	4	0	
0199	1323	5.1	4	0	
0200	1301	5.0	4	0	
0200 Dup	1310	5.1	4	0	
0201	1317	5.1	4	0	
0202	1325	5.0	4	0	
0203	1334	5.1	4	0	
0204	1330	5.1	4	0	
0205	1335	5.1	4	0	
0193 RE	1400	5.0	4	9	In acetone area

Rhonda Methun
Signature (Lab Tech)

Jim Dentes

Signature (Review/Approval)

F-66

9/8/94

PETN FIELD SCREENING WORKSHEET

LAB. TECH. NAME Jim Denton / Rhonda Methvin SITE IDENTIFIER KRLTD154

DATE 9/8/94 BATCH NUMBER TLC-10

QUALITY ASSURANCE/QUALITY CONTROL

Type	Concentration/ID	Spot Time	Rf	Notes
Method Blank	N/A	1230	~~0~~	
Standard 1	800 PETN	1133	9	
Standard 2	1000 PETN	1143	9	
Standard 3	500 Diesel	1150	9	
Standard 4	1000 Diesel	1200	9	
Soil Blank	NA	NA	NA	
Matrix Spike	100000 Diesel 4000 PETN	1210	9	
Blank Spike ~~Replicate~~	100000 Diesel 4000 PETN	1220	9	

Rhonda Methvin
Signature (Lab Tech)

Jim Denton

Signature (Review/Approval)

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9/8/9

PETN FIELD SCREENING WORKSHEET

SAMPLES

ID	Spot Time	Sample (grams)	Solvent (mL)	Rf	Notes
0166	1125	5.0	4	⊖	
0167	1133	5.1	4	⊖	
0168	1145	5.1	4	⊖	
0169	1155	5.0	4	⊖	
0170	1203	5.1	4	⊖	
0171	1208	5.0	4	⊖	
0172	1215	5.0	4	⊖	
0173	1225	5.1	4	⊖	
0174	1232	5.1	4	⊖	
0175	1241	5.1	4	⊖	
0176	1250	5.1	4	⊖	

89-1

Rhonda Methven
Signature (Lab Tech)

Signature (Review/Approval)

9/8/94

PETN FIELD SCREENING WORKSHEET

SAMPLES

ID	Spot Time	Sample (grams)	Solvent (mL)	Rf	Notes
0177	1259	5.1	4	⊖	
0178	1305	5.1	4	⊖	
0179	1240	5.1	4	⊖	
0180	1250	5.1	4	⊖	
0180 Dup	1257	5.0	4	⊖	
0181	1307	5.1	4	⊖	
0182	1312	5.1	4	⊖	
0183	1320	5.0	4	⊖	
0184	1313	5.1	4	⊖	
0185	1320	5.0	4	⊖	

69-1

Rhonda Methven
Signature (Lab Tech)

Signature (Review/Approval)

PETN FIELD SCREENING WORKSHEET

LAB. TECH. NAME Jim Denton / Rhonda Methvin

SITE IDENTIFIER KRLTD154

DATE 9/6/94

BATCH NUMBER TLC-9

QUALITY ASSURANCE/QUALITY CONTROL

Type	Concentration/ID	Spot Time	Rf	Notes
Method Blank	N/A	1153	0	
Standard 1	PETN 800	0955	9	
Standard 2	PETN 1000	1003	9	
Standard 3	Diesel 500	1015	9	
Standard 4	Diesel 1000	1024	9	
Soil Blank		1140	0	
Matrix Spike	Diesel 100,000 PETN 4000	1054	9	
Blank Spike ~~Replicate~~	Diesel 100,000 PETN 4000	1045	9	

Rhonda Methvin
Signature (Lab Tech)

Jim Denton

Signature (Review/Approval)

E-70

PETN FIELD SCREENING WORKSHEET

SAMPLES

ID	Spot Time	Sample (grams)	Solvent (mL)	Rf	Notes
0266	1003	5.1	4	Θ	
0267	1012	5.1	4	Θ	
0268	1019	5.0	4	Θ	
0269	1028	5.1	4	Θ	
0270	1035	5.1	4	Θ	
0296	1045	5.0	4	Θ	
0297	1055	5.1	4	Θ	
0298	1140	5.1	4	Θ	
0299	1200	5.0	4	Θ	
0300	1147	5.0	4	Θ	
0300 Dup	1155	5.0	4	Θ	

Rhonda Melton
Signature (Lab Tech)

Signature (Review/Approval)

PETN FIELD SCREENING WORKSHEET

LAB. TECH. NAME Jim Denton/Rhonda Methvin SITE IDENTIFIER KRLT0154

DATE 9/2/94 BATCH NUMBER TLC-8

QUALITY ASSURANCE/QUALITY CONTROL

Type	Concentration/ID	Spot Time	Rf	Notes
Method Blank	N/A	1200	0	
Standard 1	PETN 800	1115	9	
Standard 2	PETN 1000	1125	9	
Standard 3	DIESEL 500	1135	9	
Standard 4	DIESEL 1000	1145	9	
Soil Blank				
Matrix Spike	100000 Diesel 4000 PETN	1210	9	
Blank Spike ~~Replicate~~	100000 Diesel 4000 PETN	1220	9	

Rhonda Methvin
Signature (Lab Tech)

Jim Denton

Signature (Review/Approval)

F-74

PETN FIELD SCREENING WORKSHEET

SAMPLES

ID	Spot Time	Sample (grams)	Solvent (mL)	Rf	Notes
0251	1228 ~~5.1~~	5.1	4	0	
0252	1240	5.1	4	0	
0253	1250	5.1	4	0	
0254	1255	5.0	4	0	
0255	1255	5.1	4	0	
0256	1115	5.1	4	0	
0257	1123	5.1	4	0	
0258 0001	1133	5.1	4	0	
0258 0002	1140	5.0	4	0	
0259	1150	5.1	4	0	
0260	1200	5.0	4	0	

Rhonda Methon
Signature (Lab Tech)

Jim Denton

Signature (Review/Approval)

PETN FIELD SCREENING WORKSHEET

SAMPLES

ID	Spot Time	Sample (grams)	Solvent (mL)	Rf	Notes
0260 Dup	1205	5.0	4	Θ	
0261	1213	5.0	4	Θ	
0262	1220	5.0	4	Θ	
0263	1230	5.0	4	Θ	
0264	1240	5.0	4	Θ	
0265	1250	5.1	4	Θ	

Rhonda Mathews
Signature (Lab Tech)

Jim Denton

Signature (Review/Approval)

PETN FIELD SCREENING WORKSHEET

LAB. TECH. NAME Jim Denton/Rhonda Methvin SITE IDENTIFIER KRLTD154

DATE 9/1/94 BATCH NUMBER TLC-7

QUALITY ASSURANCE/QUALITY CONTROL

Type	Concentration/ID	Spot Time	Rf	Notes
Method Blank	N/A	1230	~~0~~	
Standard 1	PETN 800	1135	9	
Standard 2	PETN 1000	1150	9	
Standard 3	DIESEL 500	1210	9	
Standard 4	DIESEL 1000	1220	9	
Soil Blank	NA	1240 ~~1240~~	e ~~0~~	
Matrix Spike	100000 Diesel 4000 PETN	1305	9	
Blank Spike Replicate	100000 Diesel 4000 PETN	1255	9	

Rhonda Methvin
Signature (Lab Tech)

Jim Denton

Signature (Review/Approval)

F-45

PETN FIELD SCREENING WORKSHEET

9/1/94

SAMPLES

ID	Spot Time	Sample (grams)	Solvent (mL)	Rf	Notes
0238	1313	5.0	4	⊖	
0239	1325	5.0	4	⊖	
0240	1335	5.1	4	⊖	
0240 Dup	1345	5.1	4	⊖	
0241	1340	5.0	4	⊖	
0242	1135	5.0	4	⊖	
0243	1150	5.0	4	⊖	
0244	1155	5.0	4	⊖	
0245	1205	5.0	4	⊖	
0286	1213	5.0	4	⊖	
0287	1220	5.0	4	⊖	

Rhonda Mathers
Signature (Lab Tech)

Jim Dinto

Signature (Review/Approval)

PETN FIELD SCREENING WORKSHEET

9/1/94

SAMPLES

ID	Spot Time	Sample (grams)	Solvent (mL)	Rf	Notes
0288	1230	5.1	4	0	
0289	1240	5.1	4	0	
0290	1250	5.1	4	0	
0291	1259	5.0	4	0	
0292	1306	5.1	4	0	
0293	1313	5.1	4	0	
0294	1320	5.0	4	0	
0295	1325	5.0	4	0	

Rhonda Methern
Signature (Lab Tech)
Jim Denton

Signature (Review/Approval)

PETN FIELD SCREENING WORKSHEET

LAB. TECH. NAME Jim Denton / Rhonda Methvin

SITE IDENTIFIER KRLTD154

DATE 8/31/94

BATCH NUMBER TLC-6

QUALITY ASSURANCE/QUALITY CONTROL

Type	Concentration/ID	Spot Time	Rf	Notes
Method Blank	N/A	1200		
Standard 1	PETN 800	1010		
Standard 2	PETN 1000	1021		
Standard 3	DIESEL 500	1031		
Standard 4	DIESEL 1000	1045		
Soil Blank				
Matrix Spike				
Replicate				

Jim Denton
Rhonda Methvin 8/31/94
Signature (Lab Tech)

Signature (Review/Approval)

F-78

PETN FIELD SCREENING WORKSHEET

SAMPLES

ID	Spot Time	Sample (grams)	Solvent (mL)	Rf	Notes
0226	1210	5.0	4	0	
0227	1220	5.0	4	0	
0228	1230	5.1	4	0	
0229	1240	5.0	4	0	
0230	1250	5.0	4	0	
0231	1255	5.1	4	9	Acetone & Hexane strong indication, Rerun 8/31
0232	1010	5.0	4	0	
0233	1020	5.0	4	0	
0234	1030	5.1	4	0	
0235	1040	5.0	4	0	
0236	1050	5.1	4	0	

Lori Denton

Rhonda Mathews 8/31/94

Signature (Lab Tech)

Signature (Review/Approval)

F-79

PETN FIELD SCREENING WORKSHEET

SAMPLES

ID	Spot Time	Sample (grams)	Solvent (mL)	Rf	Notes
0237	1200	5.1	4	0	
0271	1206	5.0	4	0	
0272	1216	5.1	4	0	
0273	1226	5.1	4	0	
0274	1236	5.0	4	0	
0275	1246	5.1	4	0	
				0	
0231 Re	1330	5.1	4	8	Hexane range. Positive

08-F

Jim Denton
Rhonda Methun 8/31/94
Signature (Lab Tech)

Signature (Review/Approval)

PETN FIELD SCREENING WORKSHEET

LAB. TECH. NAME Jim Denton / Rhonda Methvin SITE IDENTIFIER KRLTD154

DATE 8/30/94 BATCH NUMBER ~~PETN-5~~ TLC

QUALITY ASSURANCE/QUALITY CONTROL

Type	Concentration/ID	Spot Time	Rf	Notes
Method Blank	N/A	1135	0	
Standard 1	PETN 800	1000	9 (A)	Acetone
Standard 2	PETN 1000	1015	9 (A)	Acetone
Standard 3	DIESEL 500	1035	9	Hexane
Standard 4	DIESEL 1000	1130	9	Hexane
Soil Blank	NA	1155	0	
Matrix Spike	100000 DIESEL 4000 PETN	1209	9	Acetone & Hexane
BLANK SPIKE ~~Replicate~~	100000 Diesel 4000 PETN	1223	9	Acetone & Hexane
~~METHOD BLANK~~	N			

Jim Denton
Rhonda Methvin
Signature (Lab Tech)

Signature (Review/Approval)

18-1

PETN FIELD SC..EENING WORKSHEET

SAMPLES

ID	Spot Time	Sample (grams)	Solvent (mL)	Rf	Notes
0301	1245	5.0	4	~~0~~	
0302	1237	5.0	4	~~0~~	
0303	1225	5.0	4	~~0~~	
0304	1010	5.1	4	~~0~~	
0305	1025	5.0	4	~~0~~	
0306	1037	5.1	4	~~0~~	
0307	1130	5.0	4	~~0~~	
0308	1135	5.1	4	~~0~~	
0309	1150	5.0	4	~~0~~	
0310	1203	5.0	4	~~0~~	
0310Dup	1215	5.0	4	~~0~~	

Jim Denton
Rhonda Methen
Signature (Lab Tech)

Signature (Review/Approval)

8/29/94

PETN FIELD SCREENING WORKSHEET

LAB. TECH. NAME Jim Denton / Rhonda Methvin SITE IDENTIFIER KRLTD 154

DATE 8/29/94 BATCH NUMBER ~~TA PETN~~ TLC-4

QUALITY ASSURANCE/QUALITY CONTROL

Type	Concentration/ID	Spot Time	Rf	Notes
Method Blank	N/A	1410	~~0~~	
Standard 1	PETN 800	1225	9	Acetone
Standard 2	PETN 1000	1240	9	Acetone
Standard 3	DIESEL 100	1255	9	Hexane
Standard 4	DIESEL 500	1310	9	Hexane
Soil Blank	None	1325	~~0~~	1
Matrix Spike	PETN 400 Diesel 500	1340	9	Acetone & Hexane
Blank Spike ~~Replicate~~	PETN 400 Diesel 500	1355	9	Acetone & Hexane

~~Method Blank None~~ RM

Jim Denton

Rhonda Methvin

Signature (Lab Tech)

Signature (Review/Approval)

F-83

PETN FIELD SC...ENING WORKSHEET

8/29/94

SAMPLES

ID	Spot Time	Sample (grams)	Solvent (mL)	Rf	Notes
0081	1425	5.1	4	0	
0082	1440	5.0	4	0	
0087	1455	5.0	4	0	
0088	1525	5.0	4	0	
0090	1540	5.0	4	0	
0151	1510	5.1	4	0	
0152	1525	5.1	4	0	
0153	1535	5.1	4	0	
0154	1545	5.0	4	0	
0155	1225	5.0	4	0	
0156	1240	5.0	4	0	

Jim Denton
Rhonda Mathers
Signature (Lab Tech)

Signature (Review/Approval)

F-84

PETN FIELD SC...ENING WORKSHEET

8/24/94

SAMPLES

ID	Spot Time	Sample (grams)	Solvent (mL)	Rf	Notes
0157	1255	5.1	4	~~0~~	
0158	1310	5.0	4	~~0~~	
0159	1325	5.0	4	~~0~~	
0160	1340	5.0	4	~~0~~	
0161	1355	5.1	4	~~0~~	
0162	1410	5.0	4	~~0~~	
0163	~~5.1~~ 1425	5.0	4	~~0~~	
0164	1440	5.0	4	~~0~~	
0165	1455	5.0	4	~~0~~	
0160 Dup	~~5~~510	5.0	4	~~0~~	

Jim Denton
Rhonda Mathews
Signature (Lab Tech)

Signature (Review/Approval)

F-95

PETN FIELD SCREENING WORKSHEET

LAB. TECH. NAME Jim Denton / Rhonda Methvin

DATE 8/26/94

SITE IDENTIFIER KRLTD154

BATCH NUMBER ~~PETN~~ TLC 3

QUALITY ASSURANCE/QUALITY CONTROL

Type	Concentration/ID	Spot Time	Rf	Notes
Method Blank	N/A			
Standard 1	800 PPM PETN	1245	9	Acetone
Standard 2	1000 PPM PETN	1300	9	Acetone
Standard 3	100 PPM Diesel	1315	9	Hexane
Standard 4	500 PPM Diesel	1330	9	Hexane
Soil Blank	NA			
Matrix Spike	NA			
Replicate	NA			

Jim Denton
Rhonda Methvin
Signature (Lab Tech)

Signature (Review/Approval)

98-7

PETN FIELD SCREENING WORKSHEET

SAMPLES

ID	Spot Time	Sample (grams)	Solvent (mL)	Rf	Notes
0276	1400	5.1	4	⊖	
0277	1415	5.1	4	⊖	
0284	1430	4.9	5	⊖	Added Na_2SO_4
0285	1445	4.9	4	⊖	
0081	1500	5.1	4	⊖	
0084	1515	5.1	4	⊖	
0085	1530	5.0	4	⊖	
0086	1545	5.1	4	⊖	
0083	1600	5.0	4	⊖	
0087	1615	5.1	4	⊖	
0088	1630	5.1	4	⊖	

Jim Denton
Rhonda Methun
Signature (Lab Tech)

Signature (Review/Approval)

F-87

SAMPLES

ID	Spot Time	Sample (grams)	Solvent (mL)	Rf	Notes
0089	1615	5.1	4	⊖	
0090	1600	5.1	4	⊖	
Matrix Blank	1345	⊖	4	⊖	

Jim Denton
Rhonda Methun
Signature (Lab Tech)

Signature (Review/Approval)

F-88

PETN FIELD SCREENING WORKSHEET

LAB. TECH. NAME Jim Denton / Rhonda Methvin

SITE IDENTIFIER KRLTD154

DATE 8/25/94

BATCH NUMBER TLC-2

QUALITY ASSURANCE/QUALITY CONTROL

Type	Concentration/ID	Spot Time	Rf	Notes
Method Blank	N/A	1215	Ø	
Standard 1	PETN 200	12:39	9	Acetone
Standard 2	PETN 400	12:53	9	Acetone
Standard 3	Diesel 100	1310	9	Hexane
Standard 4	Diesel 500	1327	9	Hexane
Soil Blank				
Matrix Spike	100,000 Diesel 4000 ppm PETN	1545	9	Acetone
Replicate				

Jim Denton

Signature (Lab Tech)

Signature (Review/Approval)

F-89

PETN FIELD SC...ENING WORKSHEET

SAMPLES

ID	Spot Time	Sample (grams)	Solvent (mL)	Rf	Notes
0276	1339	5.0	4ml	~~RM~~ 9	(Hexane) Strong hydrocarbon
0277	1355	5.1	4ml	RM ~~0~~ 9	(Hexane) indication
0278	1410	5.0	4ml	~~0~~	
0279	1427	5.0	4ml	~~0~~	
0280	1440	5.1	4ml	~~0~~	
0281	1455	5.0	4ml	~~0~~	
0282	1500	5.0	4ml	~~0~~	
0283	1515	5.1	4ml	~~0~~	
0280 MS	1530	5.1	4ml	~~0~~	
0280 Dup	1530	5.0	4ml	~~0~~	

Jim Denton
Rhonda Mitchum
Signature (Lab Tech)

Signature (Review/Approval)

F-90

Hydrocarbon / PETN FIELD SCREENING WORKSHEET

LAB. TECH. NAME Rhonda

SITE IDENTIFIER KRLSD 154

DATE 24 Aug 96

BATCH NUMBER TLC 1

QUALITY ASSURANCE/QUALITY CONTROL

Type	Concentration/ID	Spot Time	Rf	Notes
Method Blank	N/A			No Detection
Standard 1	40PPM/PETN			No indication
Standard 2	32PPM/PETN			No indication
Standard 3	100PPM Diesel			Visible
Standard 4	500PPM Diesel			Visible
Soil Blank	N/A			
Matrix Spike	N/A			
Replicate	N/A			

Signature (Lab Tech)

Signature (Review/Approval)

F-91

PETN FIELD SCREENING WORKSHEET

SAMPLES

ID	Spot Time	Sample (grams)	Solvent (mL)	Rf	Notes
KRLTD 154	1515	5	4 mL Hexane	.9	Strong Hydrocarbon indication

F-92

Signature (Lab Tech)

Signature (Review/Approval)

9/20/94

TNT FIELD SCREENING WORKSHEET

LAB. TECH. NAME Jim Denton/Rhonda Methvin

SITE IDENTIFIER KRLTD154

DATE 9/20/94

BATCH NUMBER TNT-19

TIME 0826

Abs(background) 0.000

Abs(control) 0.355

1	2	3	4	5	6
Sample ID	Abs(initial)	Abs (sample)	Abs (initial) x 4	Abs (final) [col. 3 - col. 4]	TNT Conc. PPM [col. 5/0.0323]
0214	0.000	0.002	0.000	0.002	0.062
0215	0.000	0.005	0.000	0.005	0.155
0216	0.000	0.001	0.000	0.001	0.031
0217	0.001	0.002	0.004	- 0.002	0
0218	0.001	0.003	0.004	- 0.001	0
0219	0.001	0.002	0.004	- 0.002	0
0220	0.001	0.003	0.004	- 0.001	0
0220 Dup	0.001	0.003	0.004	- 0.001	0
RN ~~0221~~ Meth Blank	0.001	0.002	0.004	- 0.002	0
0221	0.001	0.002	0.004	- 0.002	0
0222	0.001	0.003	0.004	- 0.001	0

Rhonda Methvin
Signature (lab tech)

Signature (review/approval)

9/20/94

TNT FIELD SCREENING WORKSHEET

LAB. TECH. NAME Jim Denton/Rhonda Methvin

SITE IDENTIFIER KRLTD154

DATE 9/20/94

BATCH NUMBER TNT-19

TIME 0826

Abs(background) 0.000

Abs(control) 0.355

1	2	3	4	5	6
Sample ID	Abs(initial)	Abs (sample)	Abs (initial) x 4	Abs (final) [col. 3 - col. 4]	TNT Conc. PPM [col. 5/0.0323]
0223	0.001	0.004	0.004	0	0
0224	0.002	0.004	0.008	-0.004	0
0225	0.001	0.005	0.004	+0.001	0.031

Rhonda Methvin
Signature (lab tech)

Signature (review/approval)

9/19/94

TNT FIELD SCREENING WORKSHEET

LAB. TECH. NAME Jim Denton/Rhonda Methvin

SITE IDENTIFIER KRLTD154

DATE 9/19/94

BATCH NUMBER TNT-18

TIME 0928

Abs(background) 0.001

Abs(control) 0.349

1	2	3	4	5	6
Sample ID	Abs(initial)	Abs (sample)	Abs (initial) x 4	Abs (final) [col. 3 - col. 4]	TNT Conc. PPM [col. 5/0.0323]
1038 0143	0.002	0.003	0.008	-0.005	0
0144	0.002	0.004	0.008	-0.004	0
0145	0.003	0.004	0.012	-0.008	0
0146	0.003	0.004	0.012	-0.008	0
0147	0.003	0.004	0.012	-0.008	0
0148	0.003	0.004	0.012	-0.008	0
0149	0.004	0.008	0.016	-0.008	0
0150	0.004	0.005	0.016	-0.011	0
0206	0.004	0.007	0.016	-0.009	0
0207	0.005	0.007	0.020	-0.013	0
0208	0.004	0.009	0.016	-0.007	0

Rhonda Methvin
Signature (lab tech)

Signature (review/approval)

9/19/94

TNT FIELD SCREENING WORKSHEET

LAB. TECH. NAME Jim Denton/Rhonda Methvin

SITE IDENTIFIER KRLTA 154

DATE 9/19/94

BATCH NUMBER TNT-18

TIME 0928

Abs(background) 0.001

Abs(control) 0.349

1	2	3	4	5	6
Sample ID	Abs(initial)	Abs (sample)	Abs (initial) x 4	Abs (final) [col. 3 - col. 4]	TNT Conc. PPM [col. 5/0.0323]
0209	0.005	0.007	0.020	-0.013	0
0210	0.006	0.008	0.024	-0.016	0
0211	0.005	0.007	0.020	-0.013	0
0212	0.006	0.014	0.024	-0.010	0
0213	0.006	0.010	0.024	-0.014	0

Rhonda Methvin
Signature (lab tech)

Signature (review/approval)

9/16/94

TNT FIELD SCREENING WORKSHEET

LAB. TECH. NAME Jim Denton/Rhonda Methvin

SITE IDENTIFIER KRLTD154

DATE 9/16/94

BATCH NUMBER TNT-17

TIME 1100

Abs(background) 0.001

Abs(control) 0.367

	1	2	3	4	5	6
	Sample ID	Abs(initial)	Abs (sample)	Abs (initial) x 4	Abs (final) [col. 3 - col. 4]	TNT Conc. PPM [col. 5/0.0323]
10	0031	0.001	0.002	0.004	-0.002	0
9.9	0032	0.001	0.002	0.004	-0.002	0
10	0033	0.000	0.001	0	0.001	0.031
9.9	0034	0.002	0.009	0.008	0.001	0.031
10	0035	0.001	0.007	0.004	0.003	0.093
10	0036	0.001	0.003	0.004	-0.001	0
9.9	0037	0.000	0.002	0	0.002	0.062
9.9	0038	0.001	0.003	0.004	-0.001	0
9.9	0039	0.001	0.003	0.004	-0.001	0
10	0040	0.001	0.003	0.004	-0.001	0
10.1	0040 Dup	0.001	0.003	0.004	-0.001	0

Rhonda Methvin
Signature (lab tech)

Jim Denton

Signature (review/approval)

9/16/9

TNT FIELD SCREENING WORKSHEET

LAB. TECH. NAME Jim Denton/Rhonda Methvin

SITE IDENTIFIER KRLTA154

DATE 9/16/94

BATCH NUMBER TNT-17

TIME 1000

Abs(background) 0.001

Abs(control) 0.367

	1	2	3	4	5	6
	Sample ID	Abs(initial)	Abs (sample)	Abs (initial) x 4	Abs (final) [col. 3 - col. 4]	TNT Conc. PPM [col. 5/0.0323]
10	Soil Blank	0.001	0.004	0.004	0	0
10	0131	0.001	0.002	0.004	-0.002	0
10	0132	0.001	0.002	0.004	-0.002	0
10	0133	0.001	0.003	0.004	-0.001	0
9.9	0134	0.003	0.012	0.012	0	0
10.1	0135	0.001	0.003	0.004	-0.001	0
10	0136	0.001	0.005	0.004	+0.001	0.031
9.9	0137	0.004	0.010	0.016	-0.006	0
10	0138	0.001	0.004	0.004	0	0
10	0139	0.001	0.002	0.004	-0.002	0
9.9	0140	0.002	0.009	0.008	+0.001	0.031

Rhonda Methvin
Signature (lab tech)

Jim Denton

Signature (review/approval)

9/16/94

TNT FIELD SCREENING WORKSHEET

LAB. TECH. NAME Jim Denton/Rhonda Methvin

SITE IDENTIFIER KRLTD154

DATE 9/16/94

BATCH NUMBER TNT-17

TIME 1000

Abs(background) 0.001

Abs(control) 0.367

	1	2	3	4	5	6
	Sample ID	Abs(initial)	Abs (sample)	Abs (initial) x 4	Abs (final) [col. 3 - col. 4]	TNT Conc. PPM [col. 5/0.0323]
10	0140 Dup	0.001	0.009	0.004	0.005	0.155
9.5	0141	0.001	0.006	0.004	0.002	0.062
10	0142	0.002	0.007	0.008	-0.001	0
	Method Blank 0140	0.001	0.001	0.004	-0.003	0
	Method Blank 0140	0.001	0.002	0.004	-0.002	0

Rhonda Methvin
Signature (lab tech)

Jim Denton

Signature (review/approval)

9/15/94

TNT FIELD SCREENING WORKSHEET

LAB. TECH. NAME Jim Denton / Rhonda Methvin SITE IDENTIFIER KRL ID 154

DATE 9/15/94 BATCH NUMBER TNT-16

TIME 1013

Abs(background) 0.000 Abs(control) 0.354

	1	2	3	4	5	6
	Sample ID	Abs(initial)	Abs (sample)	Abs (initial) x 4	Abs (final) [col. 3 - col. 4]	TNT Conc. PPM [col. 5/0.0323]
1023	0001	0.007	0.009	0.028	-0.019	0
	0002	0.000	0.002	0.000	0.002	0.062
	0003	0.001	0.001	0.004	0	0
	0004	0.000	0.003	0.000	0.003	0.093
	0005	0.001	0.004	0.004	0	0
	0006	0.000	0.003	0.000	0.003	0.093
	0007	0.000	0.001	0.000	0.001	0.031
	0008	0.001	0.005	0.004	0.001	0.031
	0009	0.000	0.003	0.000	0.003	0.093
	0010	0.000	0.003	0.000	0.003	0.093
	0011	0.000	0.001	0.000	0.001	0.031

Rhonda Methvin
Signature (lab tech)

Jim Denton

Signature (review/approval)

9/15/94

TNT FIELD SCREENING WORKSHEET

LAB. TECH. NAME Jim Denton/Rhonda Methvin

SITE IDENTIFIER KRLTN54

DATE 9/15/94

BATCH NUMBER TNT-16

TIME 1013

Abs(background) 0.000

Abs(control) 0.354

1	2	3	4	5	6
Sample ID	Abs(initial)	Abs (sample)	Abs (initial) x 4	Abs (final) [col. 3 - col. 4]	TNT Conc. PPM [col. 5/0.0323]
0012	0.002	0.004	0.008	-0.004	0
0013	0.000	0.004	0.000	0.004	0.124
0014	0.001	0.002	0.004	-0.002	0
0015	0.000	0.003	0.000	0.003	0.093
0016	0.001	0.001	0.004	-0.003	0
0017	0.001	0.002	0.004	-0.002	0
0018	0.001	0.002	0.004	-0.002	0
0019	0.002	0.002	0.008	-0.006	0
0020	0.001	0.002	0.004	-0.002	0
0020 Dup	0.001	0.002	0.004	-0.002	0
0021	0.001	0.003	0.004	-0.001	0

Rhonda Methvin
Signature (lab tech)

Jim Denton

Signature (review/approval)

9/15/94

TNT FIELD SCREENING WORKSHEET

LAB. TECH. NAME Jim Denton/Rhonda Methvin SITE IDENTIFIER KRLTD154

DATE 9/15/94 BATCH NUMBER TNT-16

TIME 1013

Abs(background) 0.000 Abs(control) 0.354

1	2	3	4	5	6
Sample ID	Abs(initial)	Abs (sample)	Abs (initial) x 4	Abs (final) [col. 3 - col. 4]	TNT Conc. PPM [col. 5/0.0323]
0022	0.001	0.003	0.004	-0.001	0
0023	0.005	0.015	0.020	-0.005	0
0024	0.001	0.004	0.004	0	0
0025	0.000	0.004	0.000	0.004	0.123
0026	0.000	0.001	0.000	0.001	0.031
0027	0.001	0.001	0.004	-0.003	0
0028	0.001	0.001	0.004	-0.003	0
0029	0.000	0.001	0.000	0.001	0.031
0030	0.000	0.002	0.000	0.002	0.062
Method Blank	0.000	0.000	0.000	0	0

Rhonda Methvin
Signature (lab tech)

Jim Denton

Signature (review/approval)

9/14/94

TNT FIELD SCREENING WORKSHEET

LAB. TECH. NAME Jim Denton / Rhonda Methvin SITE IDENTIFIER KRLTA154

DATE 9/14/94 BATCH NUMBER TNT-15

TIME 1015

Abs(background) 0.001 Abs(control) 0.357

	1	2	3	4	5	6
	Sample ID	Abs(initial)	Abs (sample)	Abs (initial) x 4	Abs (final) [col. 3 - col. 4]	TNT Conc. PPM [col. 5/0.0323]
1030	0061	0.021	0.038	0.084	-0.046	0
	0062	0.012	0.016	0.048	-0.032	0
	0063	0.012	0.016	0.048	-0.032	0
	0064	0.013	0.016	0.052	-0.036	0
	0065	0.013	0.016	0.052	-0.036	0
	0066	0.013	0.018	0.052	-0.034	0
	0067	0.013	0.016	0.052	-0.036	0
	0068	0.013	0.016	0.052	-0.036	0
Y	0069	0.203	0.313	0.812	-0.499	0
	0070	0.014	0.016	0.056	-0.040	0
	0071	0.015	0.017	0.060	-0.043	0

Rhonda Methvin
Signature (lab tech)

Jim Denton

Signature (review/approval)

TNT FIELD SCREENING WORKSHEET

LAB. TECH. NAME Jim Denton/Rhonda Methvin SITE IDENTIFIER KRLTD154

DATE 9/14/94 BATCH NUMBER TNT-15

TIME 1015

Abs(background) 0.001 Abs(control) 0.357

1	2	3	4	5	6
Sample ID	Abs(initial)	Abs (sample)	Abs (initial) x 4	Abs (final) [col. 3 - col. 4]	TNT Conc. PPM [col. 5/0.0323]
0072	0.015	0.016	0.060	-0.044	0
0073	0.014	0.017	0.056	-0.039	0
0074	0.014	0.016	0.056	-0.040	0
0075	0.015	0.017	0.060	-0.043	0
0076	0.017	0.027	0.068	-0.041	0
0077	0.015	0.020	0.060	-0.040	0
0078	0.015	0.018	0.060	-0.042	0
0079	0.015	0.016	0.060	-0.044	0
0080	0.016	0.021	0.064	-0.043	0
0080 Dup	0.020	0.025	0.080	-0.055	0
Soil Blank	0.045	0.048	0.180	-0.132	0
Method Blank	0.016	0.017	0.060	-0.043	0

Rhonda Methvin
Signature (lab tech)

Jim Denton

Signature (review/approval)

9/13/94

TNT FIELD SCREENING WORKSHEET

LAB. TECH. NAME Jim Denton/Rhonda Methvin

SITE IDENTIFIER KRLTD154

DATE 9/13/94

BATCH NUMBER TNT-13

TIME 1210

Abs(background) 0.000

Abs(control) 0.350

	1	2	3	4	5	6
	Sample ID	Abs(initial)	Abs (sample)	Abs (initial) x 4	Abs (final) [col. 3 - col. 4]	TNT Conc. PPM [col. 5/0.0323]
2:25 10.1	0111	0.005	0.009	0.020	-0.011	0
10	0112	0.005	0.007	0.020	-0.013	0
10.1	0113	0.005	0.007	0.020	-0.013	0
10	0114	0.005	0.007	0.020	-0.013	0
10	0115	0.007	0.008	0.028	-0.020	0
10	0116	0.008	0.010	0.032	-0.022	0
9.9	0117	0.006	0.008	0.024	-0.016	0
10	0118	0.006	0.008	0.024	-0.016	0
10.1	0119	0.006	0.008	0.024	-0.016	0
10.1	0120	0.008	0.010	0.032	-0.022	0
10	0120 Dup	0.006	0.007	0.024	-0.017	0

Rhonda Methvin
Signature (lab tech)

Jim Denton

Signature (review/approval)

9/13/94

TNT FIELD SCREENING WORKSHEET

LAB. TECH. NAME Jim Denton / Rhonda Methvin

SITE IDENTIFIER KRLTD154

DATE 9/13/94

BATCH NUMBER TNT-13

TIME 1210

Abs(background) 0.000

Abs(control) 0.350

	1	2	3	4	5	6
	Sample ID	Abs(initial)	Abs (sample)	Abs (initial) x 4	Abs (final) [col. 3 - col. 4]	TNT Conc. PPM [col. 5/0.0323]
	Soil Blank	0.006	0.006	0.024	- 0.018	0
	Method Blank	0.005	0.007	0.020	- 0.013	0
10	0121	0.005	0.007	0.020	- 0.013	0
10.1	0122	0.005	0.006	0.020	- 0.014	0
9.9	0123	0.006	0.006	0.024	- 0.018	0
10	0124	0.005	0.007	0.020	- 0.013	0
10.1	0125	0.006	0.008	0.024	- 0.016	0
10.1	0126	0.006	0.008	0.024	- 0.016	0
10	0127	0.005	0.007	0.020	- 0.013	0
10.1	0128	0.005	0.008	0.020	- 0.012	0
10.1	0129	0.006	0.008	0.024	- 0.016	0

Rhonda Methvin
Signature (lab tech)

Jim Denton

Signature (review/approval)

9/13/94

TNT FIELD SCREENING WORKSHEET

LAB. TECH. NAME Jim Denton/Rhonda Methvin

SITE IDENTIFIER KELTA154

DATE 9/13/94

BATCH NUMBER TNT-13

TIME 1210

Abs(background) 0.000

Abs(control) 0.350

1	2	3	4	5	6
Sample ID	Abs(initial)	Abs (sample)	Abs (initial) x 4	Abs (final) [col. 3 - col. 4]	TNT Conc. PPM [col. 5/0.0323]
10-1 0130	0.006	0.007	0.024	-0.017	0

Rhonda Methvin
Signature (lab tech)

Jim Denton

Signature (review/approval)

9/13/94

TNT FIELD SCREENING WORKSHEET

LAB. TECH. NAME Jim Denton/Rhonda Methvin SITE IDENTIFIER KRLTD154

DATE 9/13/94 BATCH NUMBER TNT-14

TIME 1323

Abs(background) -0.001 Abs(control) 0.368

	1	2	3	4	5	6
	Sample ID	Abs(initial)	Abs (sample)	Abs (initial) x 4	Abs (final) [col. 3 - col. 4]	TNT Conc. PPM [col. 5/0.0323]
S 10.1	0041	0.021	0.081	0.084	- 0.003	0
10	0042	0.000	0.003	0.000	0.003	0.092
10	0043	0.007	0.021	0.028	- 0.007	0
10.1	0044	0.000	0.002	0.000	0.002	0.062
10	0045	0.000	0.002	0.000	0.002	0.062
A 10.1	0046	0.008	0.036	0.032	0.004	0.124
A 10	0047	0.004	0.020	0.016	0.004	0.124
CCA 10.1	0048	0.006	0.014	0.024	- 0.010	0
G 10	0049	0.013	0.145	0.052	0.093	2.88
10.1	0050	0.008	0.011	0.032	- 0.021	0
10.1	0051	0.010	0.012	0.040	- 0.028	0

Rhonda Methvin
Signature (lab tech)

Jim Denton

Signature (review/approval)

9/13

TNT FIELD SCREENING WORKSHEET

LAB. TECH. NAME Jim Denton/Rhonda Methvin

SITE IDENTIFIER KRLTN54

DATE 9/13/94

BATCH NUMBER TNT-14

TIME 1323

Abs(background) -0.001

Abs(control) 0.368

	1	2	3	4	5	6
	Sample ID	Abs(initial)	Abs (sample)	Abs (initial) x 4	Abs (final) [col. 3 - col. 4]	TNT Conc. PPM [col. 5/0.0323]
9.9	0052	0.011	0.012	0.048	-0.036	0
10.1	0053	0.011	0.013	0.044	-0.031	0
9.9	0054	0.012	0.014	0.048	-0.034	0
10.0	0055	0.012	0.016	0.048	-0.032	0
10.0	0056	0.020	0.044	0.080	-0.036	0
10.0	0057	0.018	0.035	0.072	-0.037	0
10.1	0058	0.017	0.031	0.068	-0.037	0
9.9	0059	0.014	0.020	0.056	-0.036	0
9.9	0060	0.015	0.030	0.060	-0.030	0
10	0060 Dup	0.016	0.026	0.064	-0.038	0
	Method Blank	0.013	0.014	0.052	-0.038	0

Rhonda Methvin
Signature (lab tech)

Jim Denton

Signature (review/approval)

9/12/94

TNT FIELD SCREENING WORKSHEET

LAB. TECH. NAME Jim Denton/Rhonda Methvin

SITE IDENTIFIER KRLTD154

DATE 09/12/94

BATCH NUMBER TNT-12

TIME 0925

Abs(background) 0.000

Abs(control) 0.367

	1	2	3	4	5	6
	Sample ID	Abs(initial)	Abs (sample)	Abs (initial) x 4	Abs (final) [col. 3 - col. 4]	TNT Conc. PPM [col. 5/0.0323]
1003	0091	0.018	0.022	0.072	- 0.05	0
	0092	0.018	0.022	0.072	- 0.05	0
	0093	0.017	0.021	0.068	- 0.047	0
	0094	0.017	0.022	0.068	- 0.046	0
	0095	0.017	0.019	0.068	- 0.049	0
	0096	0.017	0.019	0.068	- 0.049	0
	0097	0.017	0.019	0.068	- 0.049	0
	0098	0.016	0.022	0.064	- 0.042	0
	0099	0.017	0.020	0.068	- 0.048	0
	0100	0.017	0.018	0.068	- 0.050	0
	0100 Dup	0.018	0.021	0.072	- 0.051	0

Abs (control) 0.364

Rhonda Methvin
Signature (lab tech)

Jim Denton

Signature (review/approval)

9/12/94

TNT FIELD SCREENING WORKSHEET

LAB. TECH. NAME Jim Denton/Rhonda Methvin SITE IDENTIFIER KRLTA154

DATE 9/12/94 BATCH NUMBER TNT-12

TIME 0925

Abs(background) 0.000 Abs(control) 0.367

1	2	3	4	5	6
Sample ID	Abs(initial)	Abs (sample)	Abs (initial) x 4	Abs (final) [col. 3 - col. 4]	TNT Conc. PPM [col. 5/0.0323]
0101	0.017	0.019	0.068	- 0.049	0
0102	0.018	0.019	0.072	- 0.053	0
0103	0.017	0.020	0.068	- 0.048	0
0104	0.017	0.018	0.068	- 0.05	0
0105	0.017	0.020	0.068	- 0.048	0
0106	0.018	0.019	0.072	- 0.053	0
0107	0.017	0.021	0.068	- 0.047	0
0108	0.017	0.023	0.068	- 0.045	0
0109	0.017	0.023	0.068	- 0.045	0
0110	0.017	0.023	0.068	- 0.045	0
Method Blank	0.019	0.019	0.076	- 0.057	0

Rhonda Methvin
Signature (lab tech)

Jim Denton

Signature (review/approval)

9/9/94

TNT FIELD SCREENING WORKSHEET

LAB. TECH. NAME Jim Denton/Rhonda Methvin SITE IDENTIFIER KRLTD154

DATE 9/9/94 BATCH NUMBER TNT-11

TIME 1010

Abs(background) 0.000 Abs(control) 0.360

	1	2	3	4	5	6
	Sample ID	Abs(initial)	Abs (sample)	Abs (initial) x 4	Abs (final) [col. 3 - col. 4]	TNT Conc. PPM [col. 5/0.0323]
1020	0186	0.002	0.005	0.008	-0.003	0
	0187	0.003	0.005	0.012	-0.007	0
	0188	0.003	0.006	0.012	-0.006	0
	0189	0.004	0.009	0.016	-0.007	0
	0190	0.003	0.007	0.012	-0.005	0
	0191	0.007	0.009	0.028	-0.019	0
	0192	0.003	0.006	0.012	-0.006	0
	0193	0.004	0.008	0.016	-0.008	0
	0194	0.005	0.006	0.020	-0.014	0
	0195	0.005	0.007	0.020	-0.013	0
	0196	0.005	0.006	0.020	-0.014	0

Abs (control) No. 2 0.353

Rhonda Methvin
Signature (lab tech)

Jim Denton

Signature (review/approval)

9/9/94

TNT FIELD SCREENING WORKSHEET

LAB. TECH. NAME Jim Denton/Rhonda Methvin SITE IDENTIFIER KRL ID154

DATE 9/9/94 BATCH NUMBER TNT-11

TIME 1010

Abs(background) 0.000 Abs(control) 0.360

1	2	3	4	5	6
Sample ID	Abs(initial)	Abs (sample)	Abs (initial) x 4	Abs (final) [col. 3 - col. 4]	TNT Conc. PPM [col. 5/0.0323]
0197	0.005	0.005	0.020	-0.015	Θ
0198	0.004	0.005	0.016	-0.011	Θ
0199	0.006	0.007	0.024	-0.017	Θ
0200	0.006	0.007	0.024	-0.017	Θ
0200 Dup	0.005	0.008	0.020	-0.012	Θ
0201	0.005	0.008	0.020	-0.012	Θ
0202	0.005	0.006	0.020	-0.014	Θ
0203	0.005	0.006	0.020	-0.014	Θ
0204	0.005	0.006	0.020	-0.014	Θ
0205	0.006	0.007	0.024	-0.017	Θ
Soil Blank	0.006	0.006	0.024	-0.018	Θ
Method Blank	0.005	0.005	0.020	-0.015	

Rhonda Methvin
Signature (lab tech)

Jim Denton

Signature (review/approval)

9/8/94

TNT FIELD SCREENING WORKSHEET

LAB. TECH. NAME Jim Denton/Rhonda Methu SITE IDENTIFIER KRLTD154

DATE 9/8/94 BATCH NUMBER TNT-10

TIME 0941

Abs(background) -0.001 Abs(control) 0.362

1	2	3	4	5	6
Sample ID	Abs(initial)	Abs (sample)	Abs (initial) x 4	Abs (final) [col. 3 - col. 4]	TNT Conc. PPM [col. 5/0.0323]
1006 0166	0.003	0.003	0.012	- 0.009	0
0167	0.001	0.003	0.004	- 0.001	0
0168	0.001	0.003	0.004	- 0.001	0
0169	0.001	0.003	0.004	- 0.001	0
0170	0.002	0.002	0.008	- 0.006	0
0171	0.001	0.002	0.004	- 0.002	0
0172	0.001	0.003	0.004	- 0.001	0
0173	0.001	0.003	0.004	- 0.001	0
0174	0.001	0.002	0.004	- 0.002	0
0175	0.001	0.003	0.004	- 0.001	0
0176	0.001	0.004	0.004	0	0

Rhonda Methu
Signature (lab tech)

Jim Denton

Signature (review/approval)

9/8/94

TNT FIELD SCREENING WORKSHEET

LAB. TECH. NAME Jim Denton / Rhonda Methvin

SITE IDENTIFIER KRLTA154

DATE 9/8/94

BATCH NUMBER TNT-10

TIME 0941

Abs(background) -0.001

Abs(control) 0.362

1	2	3	4	5	6
Sample ID	Abs(initial)	Abs (sample)	Abs (initial) x 4	Abs (final) [col. 3 - col. 4]	TNT Conc. PPM [col. 5/0.0323]
0177	0.001	0.004	0.004	0	0
0178	0.000	0.003	0.000	0.003	0.093
0179	0.000	0.004	0.000	0.004	0.124
0180	0.000	0.002	0.000	0.002	0.062
0180 Dup	0.000	0.002	0.000	0.002	0.062
0181	0.000	0.001	0.000	0.001	0.0309
0182	0.000	0.002	0.000	0.002	0.062
0183	0.001	0.002	0.004	-0.002	0
0184	0.000	0.001	0.000	0.001	0.0309
0185	0.000	0.002	0.000	0.002	0.062
Method Blank	0.001	0.001	0.004	-0.003	0

Rhonda Methvin
Signature (lab tech)

Jim Denton

Signature (review/approval)

9/6/94

TNT FIELD SCREENING WORKSHEET

LAB. TECH. NAME Jim Denton/Rhonda Methvin

SITE IDENTIFIER KRLTD154

DATE 9/6/94

BATCH NUMBER TNT-9

TIME 0856

Abs(background) 0.001

Abs(control) ~~0.0~~ 0.367

1	2	3	4	5	6
Sample ID	Abs(initial)	Abs (sample)	Abs (initial) x 4	Abs (final) [col. 3 - col. 4]	TNT Conc. PPM [col. 5/0.0323]
0903 0266	0.007	0.009	0.028	- 0.019	0
0267	0.008	0.011	0.032	- 0.021	0
0268	0.009	0.015	0.036	- 0.021	0
0269	0.011	0.014	0.044	- 0.030	0
0270	0.012	0.015	0.048	- 0.033	0
0296	0.012	0.016	0.048	- 0.032	0
0297	0.013	0.015	0.052	- 0.037	0
0298	0.014	0.016	0.056	- 0.040	0
0299	0.012	0.014	0.048	- 0.034	0
0300	0.018	0.026	0.072	- 0.046	0
0300 Dup	0.008	0.023	0.072	- 0.049	0

Rhonda Methvin
Signature (lab tech)

Jim Denton

Signature (review/approval)

9/6/94

TNT FIELD SCREENING WORKSHEET

LAB. TECH. NAME Jim Denton/Rhonda Methvin SITE IDENTIFIER KRLTD 154

DATE 9/6/94 BATCH NUMBER TNT-9

TIME 0856

Abs(background) 0.001 Abs(control) 0.367

1	2	3	4	5	6
Sample ID	Abs(initial)	Abs (sample)	Abs (initial) x 4	Abs (final) [col. 3 - col. 4]	TNT Conc. PPM [col. 5/0.0323]
Method Blank	0.014	0.015	0.056	- 0.041	0
Soil Blank	0.014	0.016	0.056	- 0.040	0

Rhonda Methvin
Signature (lab tech)

Jim Denton

Signature (review/approval)

TNT FIELD SCREENING WORKSHEET

LAB. TECH. NAME Jim Denton/Rhonda Methvin SITE IDENTIFIER KRLTD154

DATE 9/2/94 BATCH NUMBER TNT-8

TIME 0854

Abs(background) 0.002 Abs(control) 0.374

1	2	3	4	5	6
Sample ID	Abs(initial)	Abs (sample)	Abs (initial) x 4	Abs (final) [col. 3 - col. 4]	TNT Conc. PPM [col. 5/0.0323]
1005 0251	0.020	0.021	0.080	-0.059	0
0252	0.022	0.042	0.088	-0.046	0
0253	0.019	0.021	0.076	-0.055	0
0254	0.020	0.025	0.080	-0.055	0
0255	0.020	0.026	0.080	-0.054	0
0256	0.019	0.022	0.076	-0.054	0
0257	0.020	0.023	0.080	-0.057	0
0258-0001	0.020	0.030	0.080	-0.050	0
0258-0002	0.019	0.023	0.076	-0.053	0
0259	0.019	0.022	0.076	-0.054	0
0260	0.019	0.021	0.076	-0.055	0

Rhonda Methvin
Signature (lab tech)

Jim Denton

Signature (review/approval)

TNT FIELD SCREENING WORKSHEET

LAB. TECH. NAME Jim Denton/Rhonda Methvin

SITE IDENTIFIER KPLTD 154

DATE 9/2/94

BATCH NUMBER TNT-8

TIME 0854

Abs(background) 0.002

Abs(control) 0.374

1	2	3	4	5	6
Sample ID	Abs(initial)	Abs (sample)	Abs (initial) x 4	Abs (final) [col. 3 - col. 4]	TNT Conc. PPM [col. 5/0.0323]
0260 Dup	0.019	0.022	0.088	-0.066	0
0261	0.020	0.021	0.080	-0.059	0
0262	0.021	0.040	0.084	-0.044	0
0263	0.019	0.021	0.076	-0.055	0
0264	0.019	0.021	0.076	-0.055	0
0265	0.020	0.035	0.080	-0.045	0
Method Blank	0.019	0.022	0.076	-0.054	0

Rhonda Methvin
Signature (lab tech)

Jim Denton

Signature (review/approval)

TNT FIELD SCREENING WORKSHEET

LAB. TECH. NAME Jim Denton/Rhonda Methvin

SITE IDENTIFIER KRLTD154

DATE 09/01/94

BATCH NUMBER TNT-7

TIME 0914

Abs(background) 0.002

Abs(control) 0.373

	1	2	3	4	5	6
	Sample ID	Abs(initial)	Abs (sample)	Abs (initial) x 4	Abs (final) [col. 3 - col. 4]	TNT Conc. PPM [col. 5/0.0323]
934 10	0238	0.014	0.022	0.056	- 0.034	0
10.1	0239	0.013	0.018	0.052	- 0.034	0
10	0240	0.013	0.016	0.052	- 0.036	0
10	0240 Dup	0.013	0.015	0.052	- 0.037	0
10	0241	0.015	0.023	0.060	- 0.037	0
10.1	0242	0.014	0.022	0.056	- 0.034	0
10	0243	0.014	0.018	0.056	- 0.038	0
10	0244	0.014	0.016	0.056	- 0.040	0
10	0245	0.015	0.017	0.060	- 0.043	0
10	0286	0.015	0.018	0.060	- 0.042	0
10.1	0287	0.015	0.019	0.060	- 0.041	0

Rhonda Methvin
Signature (lab tech)

Jim Denton

Signature (review/approval)

TNT FIELD SCREENING WORKSHEET

LAB. TECH. NAME Jim Denton/Rhonda Methvin SITE IDENTIFIER KRLTD154

DATE 09/01/94 BATCH NUMBER TNT-7

TIME 0914

Abs(background) 0.002 Abs(control) 0.373

	1	2	3	4	5	6
	Sample ID	Abs(initial)	Abs (sample)	Abs (initial) x 4	Abs (final) [col. 3 - col. 4]	TNT Conc. PPM [col. 5/0.0323]
10.1	0288	0.015	0.017	0.068	- 0.051	0
10.1	0289	0.017	0.017	0.068	- 0.051	0
10	0290	0.017	0.021	~~0.084~~ 0.068	- 0.047	0
10.1	0291	0.017	0.020	~~0.080~~ 0.068	- 0.048	0
10.1	0292	0.017	0.018	0.068	- 0.050	0
10	0293	0.017	0.018	0.068	- 0.050	0
10	0294	0.018	0.021	0.072	- 0.051	0
10	0295	0.019	0.021	0.076	- 0.055	0
10.1	Soil Blank	0.017	0.020	0.068	- 0.048	0
	Method Blank	0.018	0.019	0.072	- 0.053	0

Rhonda Methvin
Signature (lab tech)

Jim Denton

Signature (review/approval)

TNT FIELD SCREENING WORKSHEET

LAB. TECH. NAME Jim Denton/Rhonda Methvin SITE IDENTIFIER KRLTD 154

DATE 8/31/94 BATCH NUMBER TNT-6

TIME 0859

Abs(background) 0.000 Abs(control) 0.367

1	2	3	4	5	6
Sample ID	Abs(initial)	Abs (sample)	Abs (initial) x 4	Abs (final) [col. 3 - col. 4]	TNT Conc. PPM [col. 5/0.0323]
0226	0.005	0.009	0.020	- 0.011	0
0227	0.005	0.006	0.020	- 0.014	0
0228	0.006	0.008	0.024	- 0.016	0
0229	0.008	0.009	0.032	- 0.023	0
0230	0.010	0.012	0.040	- 0.028	0
0231	0.013	0.028	0.052	- 0.024	0
0232	0.008	0.010	0.032	- 0.022	0
0233	0.009	0.012	0.036	- 0.024	0
0234	0.011	0.021	0.044	- 0.023	0
0235	0.011	0.022	0.044	- 0.022	0
0236	0.011	0.015	0.044	- 0.029	0
0237	0.011	0.017	0.044	- 0.027	

Jim Denton
Rhonda Methvin 8-31-94
Signature (lab tech)

Signature (review/approval)

TNT FIELD SCREENING WORKSHEET

LAB. TECH. NAME Jim Denton/R Methvin SITE IDENTIFIER KRLTD154

DATE 8/30/94 BATCH NUMBER TNT-5

TIME 0915

Abs(background) 0.000 Abs(control) 0.341

	1	2	3	4	5	6
	Sample ID	Abs(initial)	Abs (sample)	Abs (initial) x 4	Abs (final) [col. 3 - col. 4]	TNT Conc. PPM [col. 5/0.0323]
10.0	0301	0.018	0.018	0.072	- 0.054	0
10.0	0302	0.015	0.015	0.060	- 0.045	0
10.0	0303	0.013	0.018	0.052	- 0.034	0
10	0304	0.014	0.015	0.056	- 0.041	0
10	0305	0.014	0.016	0.056	- 0.040	0
10	0306	0.014	0.015	0.056	- 0.041	0
10.	0307	0.014	0.015	0.056	- 0.041	0
10	0308	0.015	0.016	0.060	- 0.044	0
10.1	0309	0.021	0.022	0.084	- 0.062	0
10	0310	0.016	0.016	0.064	- 0.048	0
10.1	0310 DUP	0.016	0.017	0.064	- 0.047	0
N/A	MB	0.017	0.017	0.068	- 0.051	
10.0	SB	0.016	0.017	0.064	- 0.047	

Jim Denton

Rhonda Methvin 8/30/94

Signature (lab tech)

Signature (review/approval)

TNT FIELD SCREENING WORKSHEET

LAB. TECH. NAME Jim Denton / Rhonda Methvin SITE IDENTIFIER KRLTD154

DATE 8/29/94 BATCH NUMBER TNT-4

TIME 1010

Abs(background) -0.001 Abs(control) 0.325

1	2	3	4	5	6
Sample ID	Abs(initial)	Abs (sample)	Abs (initial) x 4	Abs (final) [col. 3 - col. 4]	TNT Conc. PPM [col. 5/0.0323]
0151	0.012	0.013	0.048	-0.035	0
0152	0.012	0.014	0.048	-0.034	0
0153	0.013	0.014	0.052	-0.038	0
0154	0.013	0.016	0.052	-0.036	0
0155	0.014	0.016	0.056	-0.040	0
0156	0.014	0.017	0.056	-0.039	0
0157	0.015	0.015	0.060	-0.045	0
0158	0.014	0.016	0.056	-0.040	0
0159	0.014	0.015	0.056	-0.041	0
0160	0.014	0.017	0.056	-0.039	0
0160Dup	0.014	0.017	0.056	-0.039	0

Jim Denton
Rhonda Methvin 8/29/94
Signature (lab tech)

Signature (review/approval)

TNT FIELD SCREENING WORKSHEET

LAB. TECH. NAME Jim Denton/Rhonda Methvin SITE IDENTIFIER KRLTD154

DATE 8/29/94 BATCH NUMBER TNT-4

TIME 1010

Abs(background) -0.001 Abs(control) 0.325

1	2	3	4	5	6
Sample ID	Abs(initial)	Abs (sample)	Abs (initial) x 4	Abs (final) [col. 3 - col. 4]	TNT Conc. PPM [col. 5/0.0323]
0161	0.014	0.016	0.056	- 0.040	0
0162	0.013	0.017	0.052	- 0.035	0
0163	0.015	0.017	0.060	- 0.043	0
0164	0.016	0.018	0.064	- 0.046	0
0165	0.015	0.017	0.060	- 0.043	0
MB	0.015	0.017	0.060	- 0.043	0
SB	0.015	0.017	0.060	- 0.043	0

Jim Denton
Rhonda Methvin 8/29/94
Signature (lab tech)

Signature (review/approval)

TNT FIELD SCREENING WORKSHEET

LAB. TECH. NAME Jim Denton / Rhonda Methvin SITE IDENTIFIER KRLTD154

DATE 8/26/94 BATCH NUMBER TNT-3

TIME 1058

Abs(background) 0.000 Abs(control) 0.369

1	2	3	4	5	6
Sample ID	Abs(initial)	Abs (sample)	Abs (initial) x 4	Abs (final) [col. 3 - col. 4]	TNT Conc. PPM [col. 5/0.0323]
0284	0.011	0.013	0.044	-0.031	0
0285	0.009	0.011	0.036	-0.025	0
0081	0.013	0.016	0.052	-0.036	0
0082	0.014	0.018	0.056	-0.038	0
0083	0.013	0.015	0.052	-0.037	0
0084	0.013	0.014	0.052	-0.038	0
0085	0.012	0.013	0.048	-0.035	0
0086	0.013	0.015	0.052	-0.037	0
0087	0.014	0.016	0.056	-0.04	0
0088	0.014	0.017	0.056	-0.039	0
0089	0.013	0.016	0.052	-0.036	0
0090	0.013	0.015	0.052	-0.037	

Jim Denton
Rhonda Methvin
Signature (lab tech)
8/26/94

Signature (review/approval)

TNT FIELD SCREENING WORKSHEET

LAB. TECH. NAME Jim Denton/Rhonda Methvin SITE IDENTIFIER KRLTD154

DATE 8/25/94 BATCH NUMBER TNT-2

TIME 0951

Abs(background) 0.000 Abs(control) 0.328

1	2	3	4	5	6
Sample ID	Abs(initial)	Abs (sample)	Abs (initial) x 4	Abs (final) [col. 3 - col. 4]	TNT Conc. PPM [col. 5/0.0323]
0278	0.015	0.016	0.06	-0.044	0
0279	0.015	0.016	0.06	-0.044	0
0280	0.016	0.017	0.064	-0.047	0
0281	0.016	0.022	0.064	-0.042	0
0282	0.016	0.017	0.064	-0.047	0
0283	0.016	0.016	0.064	-0.048	0

James F Denton
Rhonda Methvin
Signature (lab tech)

Signature (review/approval)

8/25/94

TNT FIELD SCREENING WORKSHEET

LAB. TECH. NAME: J.B. Denton

SITE IDENTIFIER KRLTP 154

DATE 24 Aug 94

BATCH NUMBER TNT 1

Abs(standard) _____ TIME _____

Abs(background) 000 Abs(control) .349

Sample ID	Abs(initial)	Abs (sample)	Concentration (PPM)*	TIME
0276	~~.011~~ .011	.011	1	1440
0277	.012	.011		1445

$$= \frac{*(\text{Abs(initial)} \times 4) - \text{Abs(sample)}}{0.0323}$$

$$\frac{\text{Abs sample} - (\text{Abs initial}) \div}{.0323}$$

Hall Environmental Analysis Laboratory

Hall Environmental Analysis Laboratory
2403 San Mateo NE, Suite P-13
Albuquerque, NM 87110

11/28/94

GRAM, Inc.
8500 Menaul Blvd. NE, Suite B-370
Albuquerque, NM 87112

Dear Mr. Jeff Johnson,

Enclosed are the results for the analyses that were requested. These were done according to the method entitled "Development of field screening methods for TNT, 2,4-DNT and RDX in soil" (Talanta, Vol39,No 4, pp. 419-428, 1992) by Thomas F. Jenkins and Marianne E. Walsh

Detection limits are estimated based on the methodology and may vary significantly. For TNT and 2,4-DNT we estimate a detection level of approximately 50 PPM (MG/KG). No determination of compounds below these levels (denoted by the < sign) has been made.

Please don't hesitate to contact me for any additional information or clarifications.

Sincerely,

Scott Hallenbeck 1/16/95

Scott Hallenbeck,
Lab Manager

Project: McCormick Ranch

Results for sample: KRTLD154-949-0001

Date collected: 10/20/94	Date received: 10/20/94
Date extracted: 11/28/94	Date analyzed: 11/28/94
Client: GRAM, Inc.	
Project Name: McCormick Ranch	HEAL #: 9410107-1
Project Manager: Jeff Johnson	Sampled by: Johnson
Matrix: Non-Aqueous	

Test: TNT Procedure

Compound	Amount	Units
TNT	Not Detected	PPM (MG/KG)

Dilution Factor = 1

Test: 2,4-DNT Procedure

Compound	Amount	Units
2,4-DNT	Not Detected	PPM (MG/KG)

Dilution Factor = 1

Test: RDX Procedure

Compound	Amount	Units
RDX	Detected	PPM (MG/KG)

Dilution Factor = 1

SAMPLE ANALYSIS RESULTS REPORTED ON 15-nov-1994
ARMSTRONG LABORATORY
OCCUPATIONAL AND ENVIRONMENTAL HEALTH DIRECTORATE
RADIOANALYTICAL FUNCTION (OEBSA)
BROOKS AIR FORCE BASE, TEXAS 78235-5000

OE ID

19404573

377 MG/AERMS/SGPB
1951 SECOND STREET SE
KIRTLAND AFB, NM 87117-5559
ATTN CAPT CRAIG ADAMS

BASE ADDRESS CODE: Q00097Z

IDENTIFICATION:
Base Sample #: GS943835
OEHL ID: 19404573
Type of Sample: SOIL
Workplace or Site ID: 00097 ____ 093A KIRTLAND AFB, NM
Date Collected: 08-SEP-94 Time Collected: 1400
Date Received: 26-SEP-94
Date Completed: 14-NOV-94

SAMPLE VOLUME 4547.8 GRAMS DRY.

ACTINIUM 228		0.5	+/-	0.02	PICOCURIES PER GRAM DRIED
BISMUTH 212	<	0.03			PICOCURIES PER GRAM DRIED
BISMUTH 214		0.4	+/-	0.02	PICOCURIES PER GRAM DRIED
CESIUM 134	<	0.01			PICOCURIES PER GRAM DRIED
CESIUM 137		6.9	+/-	3.2	FEMTOCURIES PER GRAM DRIED
GROSS ALPHA		4.1	+/-	2.2	PICOCURIES PER GRAM DRIED
GROSS BETA		21.7	+/-	1.9	PICOCURIES PER GRAM DRIED
LEAD 212		0.5	+/-	0.04	PICOCURIES PER GRAM DRIED
LEAD 214		0.5	+/-	0.02	PICOCURIES PER GRAM DRIED
POTASSIUM 40		14.3	+/-	0.8	PICOCURIES PER GRAM DRIED
RADIUM 224	<	0.5			PICOCURIES PER GRAM DRIED
RADIUM 226	<	0.4			PICOCURIES PER GRAM DRIED
THALLIUM 208		0.2	+/-	0.01	PICOCURIES PER GRAM DRIED
THORIUM 228		1.4	+/-	0.2	PICOCURIES PER GRAM DRIED
THORIUM 232		0.5	+/-	0.02	PICOCURIES PER GRAM DRIED
THORIUM 234		0.2	+/-	0.07	PICOCURIES PER GRAM DRIED
URANIUM 235		0.07	+/-	0.01	PICOCURIES PER GRAM DRIED

RESULTS ACCURATE TO 2 SIGNIFICANT FIGURES.
ERROR TERM AT 95% CONFIDENCE LEVEL.

MR. AMON J. CLAY, GM-13
Chief, Radioanalytical Branch, BAFB
DSN 240-2061

SAMPLE ANALYSIS RESULTS REPORTED ON 15-nov-1994
ARMSTRONG LABORATORY
OCCUPATIONAL AND ENVIRONMENTAL HEALTH DIRECTORATE
RADIOANALYTICAL FUNCTION (OEBSA)
BROOKS AIR FORCE BASE, TEXAS 78235-5000

OE ID

19404574

377 MG/AERMS/SGPB
1951 SECOND STREET SE
KIRTLAND AFB, NM 87117-5559
ATTN CAPT CRAIG ADAMS

BASE ADDRESS CODE: Q00097Z

IDENTIFICATION:
Base Sample #: GS943836
OEHL ID: 19404574
Type of Sample: SOIL
Workplace or Site ID: 00097 ____ 093A KIRTLAND AFB, NM
Date Collected: 08-SEP-94 Time Collected: 1400
Date Received: 26-SEP-94
Date Completed: 14-NOV-94

SAMPLE VOLUME 4148.3 GRAMS DRY.

ACTINIUM 228		0.5	+/-	0.02	PICOCURIES PER GRAM DRIED
BISMUTH 212	<	0.04			PICOCURIES PER GRAM DRIED
BISMUTH 214		0.7	+/-	0.03	PICOCURIES PER GRAM DRIED
CESIUM 134	<	0.01			PICOCURIES PER GRAM DRIED
CESIUM 137	<	0.02			PICOCURIES PER GRAM DRIED
GROSS ALPHA		2.7	+/-	1.9	PICOCURIES PER GRAM DRIED
GROSS BETA		23.6	+/-	1.9	PICOCURIES PER GRAM DRIED
LEAD 212		0.5	+/-	0.04	PICOCURIES PER GRAM DRIED
LEAD 214		0.8	+/-	0.04	PICOCURIES PER GRAM DRIED
POTASSIUM 40		11.5	+/-	0.7	PICOCURIES PER GRAM DRIED
RADIUM 224	<	0.6			PICOCURIES PER GRAM DRIED
RADIUM 226	<	0.4			PICOCURIES PER GRAM DRIED
THALLIUM 208		0.1	+/-	0.01	PICOCURIES PER GRAM DRIED
THORIUM 228		1.4	+/-	0.03	PICOCURIES PER GRAM DRIED
THORIUM 232		0.5	+/-	0.02	PICOCURIES PER GRAM DRIED
THORIUM 234		0.4	+/-	0.09	PICOCURIES PER GRAM DRIED
URANIUM 235		0.1	+/-	0.01	PICOCURIES PER GRAM DRIED

RESULTS ACCURATE TO 2 SIGNIFICANT FIGURES.
ERROR TERM AT 95% CONFIDENCE LEVEL.

MR. AMON J. CLAY, GM-13
Chief, Radioanalytical Branch, BAFB
DSN 240-2061

SAMPLE ANALYSIS RESULTS REPORTED ON 15-nov-1994
ARMSTRONG LABORATORY
OCCUPATIONAL AND ENVIRONMENTAL HEALTH DIRECTORATE
RADIOANALYTICAL FUNCTION (OEBSA)
BROOKS AIR FORCE BASE, TEXAS 78235-5000

OE ID

19404575

377 MG/AERMS/SGPB
1951 SECOND STREET SE
KIRTLAND AFB, NM 87117-5559
ATTN CAPT CRAIG ADAMS

BASE ADDRESS CODE: Q00097Z

IDENTIFICATION:
Base Sample #: GS943837
OEHL ID: 19404575
Type of Sample: SOIL
Workplace or Site ID: 00097 ____ 093A KIRTLAND AFB, NM
Date Collected: 08-SEP-94 Time Collected: 1400
Date Received: 26-SEP-94
Date Completed: 14-NOV-94

SAMPLE VOLUME 4073.7 GRAMS DRY.

ACTINIUM 228		0.6	+/-	0.03	PICOCURIES PER GRAM DRIED
BISMUTH 212	<	0.4			PICOCURIES PER GRAM DRIED
BISMUTH 214		0.4	+/-	0.03	PICOCURIES PER GRAM DRIED
CESIUM 134	<	0.02			PICOCURIES PER GRAM DRIED
CESIUM 137		0.02	+/-	0.005	PICOCURIES PER GRAM DRIED
GROSS ALPHA		3.9	+/-	2.1	PICOCURIES PER GRAM DRIED
GROSS BETA		22.8	+/-	1.9	PICOCURIES PER GRAM DRIED
LEAD 212		0.6	+/-	0.05	PICOCURIES PER GRAM DRIED
LEAD 214		0.5	+/-	0.03	PICOCURIES PER GRAM DRIED
POTASSIUM 40		14.3	+/-	0.8	PICOCURIES PER GRAM DRIED
RADIUM 224	<	0.7			PICOCURIES PER GRAM DRIED
RADIUM 226	<	0.5			PICOCURIES PER GRAM DRIED
THALLIUM 208		0.2	+/-	0.01	PICOCURIES PER GRAM DRIED
THORIUM 228		1.4	+/-	0.3	PICOCURIES PER GRAM DRIED
THORIUM 232		0.6	+/-	0.03	PICOCURIES PER GRAM DRIED
THORIUM 234		0.3	+/-	0.1	PICOCURIES PER GRAM DRIED
URANIUM 235		0.06	+/-	0.01	PICOCURIES PER GRAM DRIED

RESULTS ACCURATE TO 2 SIGNIFICANT FIGURES.
ERROR TERM AT 95% CONFIDENCE LEVEL.

MR. AMON J. CLAY, GM-13
Chief, Radioanalytical Branch, BAFB
DSN 240-2061

SAMPLE ANALYSIS RESULTS REPORTED ON 15-nov-1994
ARMSTRONG LABORATORY
OCCUPATIONAL AND ENVIRONMENTAL HEALTH DIRECTORATE
RADIOANALYTICAL FUNCTION (OEBSA)
BROOKS AIR FORCE BASE, TEXAS 78235-5000

OE ID

19404576

377 MG/AERMS/SGPB
1951 SECOND STREET SE
KIRTLAND AFB, NM 87117-5559
ATTN CAPT CRAIG ADAMS

BASE ADDRESS CODE: Q00097Z

IDENTIFICATION:
Base Sample #: GS943838
OEHL ID: 19404576
Type of Sample: SOIL
Workplace or Site ID: 00097 ____ 093A KIRTLAND AFB, NM
Date Collected: 08-SEP-94 Time Collected: 1400
Date Received: 26-SEP-94
Date Completed: 14-NOV-94

SAMPLE VOLUME 4808.6 GRAMS DRY.

ACTINIUM 228		0.6	+/-	0.03	PICOCURIES PER GRAM DRIED
BISMUTH 212	<	0.4			PICOCURIES PER GRAM DRIED
BISMUTH 214		0.5	+/-	0.03	PICOCURIES PER GRAM DRIED
CESIUM 134	<	0.02			PICOCURIES PER GRAM DRIED
CESIUM 137	<	0.02			PICOCURIES PER GRAM DRIED
GROSS ALPHA		5.	+/-	2.4	PICOCURIES PER GRAM DRIED
GROSS BETA		26.3	+/-	2.	PICOCURIES PER GRAM DRIED
LEAD 212		0.7	+/-	0.05	PICOCURIES PER GRAM DRIED
LEAD 214		0.6	+/-	0.03	PICOCURIES PER GRAM DRIED
POTASSIUM 40		14.8	+/-	0.9	PICOCURIES PER GRAM DRIED
RADIUM 224	<	0.7			PICOCURIES PER GRAM DRIED
RADIUM 226	<	0.5			PICOCURIES PER GRAM DRIED
THALLIUM 208		0.2	+/-	0.02	PICOCURIES PER GRAM DRIED
THORIUM 228		1.5	+/-	0.3	PICOCURIES PER GRAM DRIED
THORIUM 232		0.6	+/-	0.03	PICOCURIES PER GRAM DRIED
THORIUM 234		0.2	+/-	0.09	PICOCURIES PER GRAM DRIED
URANIUM 235		0.07	+/-	0.01	PICOCURIES PER GRAM DRIED

RESULTS ACCURATE TO 2 SIGNIFICANT FIGURES.
ERROR TERM AT 95% CONFIDENCE LEVEL.

MR. AMON J. CLAY, GM-13
Chief, Radioanalytical Branch, BAFB
DSN 240-2061

SAMPLE ANALYSIS RESULTS REPORTED ON 15-nov-1994
ARMSTRONG LABORATORY
OCCUPATIONAL AND ENVIRONMENTAL HEALTH DIRECTORATE
RADIOANALYTICAL FUNCTION (OEBSA)
BROOKS AIR FORCE BASE, TEXAS 78235-5000

OE ID

19404577

377 MG/AERMS/SGPB
1951 SECOND STREET SE
KIRTLAND AFB, NM 87117-5559
ATTN CAPT CRAIG ADAMS

BASE ADDRESS CODE: Q00097Z

IDENTIFICATION:
Base Sample #: GS943839
OEHL ID: 19404577
Type of Sample: SOIL
Workplace or Site ID: 00097 ____ 093A KIRTLAND AFB, NM
Date Collected: 09-SEP-94 Time Collected: 1500
Date Received: 26-SEP-94
Date Completed: 14-NOV-94

SAMPLE VOLUME 5037.9 GRAMS DRY.

ACTINIUM 228		0.5	+/-	0.02	PICOCURIES PER GRAM DRIED
BISMUTH 212	<	0.4			PICOCURIES PER GRAM DRIED
BISMUTH 214		0.4	+/-	0.02	PICOCURIES PER GRAM DRIED
CESIUM 134	<	0.02			PICOCURIES PER GRAM DRIED
CESIUM 137	<	0.02			PICOCURIES PER GRAM DRIED
GROSS ALPHA		3.9	+/-	2.1	PICOCURIES PER GRAM DRIED
GROSS BETA		20.6	+/-	1.8	PICOCURIES PER GRAM DRIED
LEAD 212		0.5	+/-	0.04	PICOCURIES PER GRAM DRIED
LEAD 214		0.4	+/-	0.02	PICOCURIES PER GRAM DRIED
POTASSIUM 40		12.9	+/-	0.8	PICOCURIES PER GRAM DRIED
RADIUM 224	<	0.6			PICOCURIES PER GRAM DRIED
RADIUM 226	<	0.4			PICOCURIES PER GRAM DRIED
THALLIUM 208		0.2	+/-	0.01	PICOCURIES PER GRAM DRIED
THORIUM 228		1.1	+/-	0.3	PICOCURIES PER GRAM DRIED
THORIUM 232		0.5	+/-	0.02	PICOCURIES PER GRAM DRIED
THORIUM 234		0.1	+/-	0.08	PICOCURIES PER GRAM DRIED
URANIUM 235		0.05	+/-	0.01	PICOCURIES PER GRAM DRIED

RESULTS ACCURATE TO 2 SIGNIFICANT FIGURES.
ERROR TERM AT 95% CONFIDENCE LEVEL.

MR. AMON J. CLAY, GM-13
Chief, Radioanalytical Branch, BAFB
DSN 240-2061

SAMPLE ANALYSIS RESULTS REPORTED ON 15-nov-1994
ARMSTRONG LABORATORY
OCCUPATIONAL AND ENVIRONMENTAL HEALTH DIRECTORATE
RADIOANALYTICAL FUNCTION (OEBSA)
BROOKS AIR FORCE BASE, TEXAS 78235-5000

OE ID

19404578

377 MG/AERMS/SGPB
1951 SECOND STREET SE
KIRTLAND AFB, NM 87117-5559
ATTN CAPT CRAIG ADAMS

BASE ADDRESS CODE: Q00097Z

IDENTIFICATION:
Base Sample #: GS943840
OEHL ID: 19404578
Type of Sample: SOIL
Workplace or Site ID: 00097 ____ 093A KIRTLAND AFB, NM
Date Collected: 20-SEP-94 Time Collected: 0800
Date Received: 26-SEP-94
Date Completed: 14-NOV-94

SAMPLE VOLUME 3506.3 GRAMS DRY.

ACTINIUM 228		0.6	+/-	0.02	PICOCURIES PER GRAM DRIED
BISMUTH 212	<	0.4			PICOCURIES PER GRAM DRIED
BISMUTH 214		0.5	+/-	0.03	PICOCURIES PER GRAM DRIED
CESIUM 134	<	0.02			PICOCURIES PER GRAM DRIED
CESIUM 137		5.6	+/-	4.2	FEMTOCURIES PER GRAM DRIED
GROSS ALPHA		7.4	+/-	2.7	PICOCURIES PER GRAM DRIED
GROSS BETA		25.	+/-	2.	PICOCURIES PER GRAM DRIED
LEAD 212		0.6	+/-	0.05	PICOCURIES PER GRAM DRIED
LEAD 214		0.5	+/-	0.03	PICOCURIES PER GRAM DRIED
POTASSIUM 40		13.9	+/-	0.8	PICOCURIES PER GRAM DRIED
RADIUM 224	<	0.7			PICOCURIES PER GRAM DRIED
RADIUM 226	<	0.5			PICOCURIES PER GRAM DRIED
THALLIUM 208		0.2	+/-	0.01	PICOCURIES PER GRAM DRIED
THORIUM 228		1.7	+/-	0.3	PICOCURIES PER GRAM DRIED
THORIUM 232		0.6	+/-	0.02	PICOCURIES PER GRAM DRIED
THORIUM 234		0.3	+/-	0.09	PICOCURIES PER GRAM DRIED
URANIUM 235		0.07	+/-	0.01	PICOCURIES PER GRAM DRIED

RESULTS ACCURATE TO 2 SIGNIFICANT FIGURES.
ERROR TERM AT 95% CONFIDENCE LEVEL.

MR. AMON J. CLAY, GM-13
Chief, Radioanalytical Branch, BAFB
DSN 240-2061

SAMPLE ANALYSIS RESULTS REPORTED ON 15-nov-1994
ARMSTRONG LABORATORY
OCCUPATIONAL AND ENVIRONMENTAL HEALTH DIRECTORATE
RADIOANALYTICAL FUNCTION (OEBSA)
BROOKS AIR FORCE BASE, TEXAS 78235-5000

OE ID

19404579

377 MG/AERMS/SGPB
1951 SECOND STREET SE
KIRTLAND AFB, NM 87117-5559
ATTN CAPT CRAIG ADAMS

BASE ADDRESS CODE: Q00097Z

IDENTIFICATION:
Base Sample #: GS943841
OEHL ID: 19404579
Type of Sample: SOIL
Workplace or Site ID: 00097 ____ 093A KIRTLAND AFB, NM
Date Collected: 20-SEP-94 Time Collected: 0800
Date Received: 26-SEP-94
Date Completed: 14-NOV-94

SAMPLE VOLUME 4358.2 GRAMS DRY.

ACTINIUM 228		0.7	+/-	0.03	PICOCURIES PER GRAM DRIED
BISMUTH 212	<	0.5			PICOCURIES PER GRAM DRIED
BISMUTH 214		0.5	+/-	0.03	PICOCURIES PER GRAM DRIED
CESIUM 134	<	0.02			PICOCURIES PER GRAM DRIED
CESIUM 137		0.04	+/-	0.01	PICOCURIES PER GRAM DRIED
GROSS ALPHA		5.	+/-	2.4	PICOCURIES PER GRAM DRIED
GROSS BETA		27.8	+/-	2.1	PICOCURIES PER GRAM DRIED
LEAD 212		0.7	+/-	0.06	PICOCURIES PER GRAM DRIED
LEAD 214		0.6	+/-	0.03	PICOCURIES PER GRAM DRIED
POTASSIUM 40		15.6	+/-	0.9	PICOCURIES PER GRAM DRIED
RADIUM 224	<	0.8			PICOCURIES PER GRAM DRIED
RADIUM 226	<	0.5			PICOCURIES PER GRAM DRIED
THALLIUM 208		0.2	+/-	0.02	PICOCURIES PER GRAM DRIED
THORIUM 228		1.4	+/-	0.3	PICOCURIES PER GRAM DRIED
THORIUM 232		0.7	+/-	0.03	PICOCURIES PER GRAM DRIED
THORIUM 234		0.2	+/-	0.1	PICOCURIES PER GRAM DRIED
URANIUM 235		0.09	+/-	0.01	PICOCURIES PER GRAM DRIED

RESULTS ACCURATE TO 2 SIGNIFICANT FIGURES.
ERROR TERM AT 95% CONFIDENCE LEVEL.

MR. AMON J. CLAY, GM-13
Chief, Radioanalytical Branch, BAFB
DSN 240-2061

SAMPLE ANALYSIS RESULTS REPORTED ON 15-nov-1994
ARMSTRONG LABORATORY
OCCUPATIONAL AND ENVIRONMENTAL HEALTH DIRECTORATE
RADIOANALYTICAL FUNCTION (OEBSA)
BROOKS AIR FORCE BASE, TEXAS 78235-5000

OE ID

19404580

377 MG/AERMS/SGPB
1951 SECOND STREET SE
KIRTLAND AFB, NM 87117-5559
ATTN CAPT CRAIG ADAMS

BASE ADDRESS CODE: Q00097Z

IDENTIFICATION:
Base Sample #: GS943842
OEHL ID: 19404580
Type of Sample: SOIL
Workplace or Site ID: 00097 ____ 093A KIRTLAND AFB, NM
Date Collected: 20-SEP-94 Time Collected: 0800
Date Received: 26-SEP-94
Date Completed: 14-NOV-94

SAMPLE VOLUME 4444.4 GRAMS DRY.

ACTINIUM 228		0.8	+/-	0.03	PICOCURIES PER GRAM DRIED
BISMUTH 212	<	0.4			PICOCURIES PER GRAM DRIED
BISMUTH 214		0.5	+/-	0.03	PICOCURIES PER GRAM DRIED
CESIUM 134	<	0.02			PICOCURIES PER GRAM DRIED
CESIUM 137		0.02	+/-	0.005	PICOCURIES PER GRAM DRIED
GROSS ALPHA		4.4	+/-	2.3	PICOCURIES PER GRAM DRIED
GROSS BETA		27.5	+/-	2.1	PICOCURIES PER GRAM DRIED
LEAD 212		0.7	+/-	0.06	PICOCURIES PER GRAM DRIED
LEAD 214		0.6	+/-	0.03	PICOCURIES PER GRAM DRIED
POTASSIUM 40		16.2	+/-	0.9	PICOCURIES PER GRAM DRIED
RADIUM 224	<	0.7			PICOCURIES PER GRAM DRIED
RADIUM 226		0.7	+/-	0.4	PICOCURIES PER GRAM DRIED
THALLIUM 208		0.3	+/-	0.02	PICOCURIES PER GRAM DRIED
THORIUM 228		1.8	+/-	0.3	PICOCURIES PER GRAM DRIED
THORIUM 232		0.8	+/-	0.03	PICOCURIES PER GRAM DRIED
THORIUM 234		0.2	+/-	0.1	PICOCURIES PER GRAM DRIED
URANIUM 235		0.04	+/-	0.02	PICOCURIES PER GRAM DRIED

RESULTS ACCURATE TO 2 SIGNIFICANT FIGURES.
ERROR TERM AT 95% CONFIDENCE LEVEL.

MR. AMON J. CLAY, GM-13
Chief, Radioanalytical Branch, BAFB
DSN 240-2061

SAMPLE ANALYSIS RESULTS REPORTED ON 15-nov-1994
ARMSTRONG LABORATORY
OCCUPATIONAL AND ENVIRONMENTAL HEALTH DIRECTORATE
RADIOANALYTICAL FUNCTION (OEBSA)
BROOKS AIR FORCE BASE, TEXAS 78235-5000

OE ID

19404581

377 MG/AERMS/SGPB
1951 SECOND STREET SE
KIRTLAND AFB, NM 87117-5559
ATTN CAPT CRAIG ADAMS

BASE ADDRESS CODE: Q00097Z

IDENTIFICATION:
Base Sample #: GS943843
OEHL ID: 19404581
Type of Sample: SOIL
Workplace or Site ID: 00097 ____ 093A KIRTLAND AFB, NM
Date Collected: 20-SEP-94 Time Collected: 0800
Date Received: 26-SEP-94
Date Completed: 14-NOV-94

SAMPLE VOLUME 4288.7 GRAMS DRY.

ACTINIUM 228		0.5	+/-	0.02	PICOCURIES PER GRAM DRIED
BISMUTH 212	<	0.4			PICOCURIES PER GRAM DRIED
BISMUTH 214		0.4	+/-	0.03	PICOCURIES PER GRAM DRIED
CESIUM 134	<	0.02			PICOCURIES PER GRAM DRIED
CESIUM 137		0.02	+/-	0.005	PICOCURIES PER GRAM DRIED
GROSS ALPHA		3.	+/-	2.	PICOCURIES PER GRAM DRIED
GROSS BETA		26.9	+/-	2.	PICOCURIES PER GRAM DRIED
LEAD 212		0.6	+/-	0.04	PICOCURIES PER GRAM DRIED
LEAD 214		0.5	+/-	0.02	PICOCURIES PER GRAM DRIED
POTASSIUM 40		12.9	+/-	0.8	PICOCURIES PER GRAM DRIED
RADIUM 224	<	0.7			PICOCURIES PER GRAM DRIED
RADIUM 226	<	0.5			PICOCURIES PER GRAM DRIED
THALLIUM 208		0.2	+/-	0.01	PICOCURIES PER GRAM DRIED
THORIUM 228		1.5	+/-	0.3	PICOCURIES PER GRAM DRIED
THORIUM 232		0.5	+/-	0.02	PICOCURIES PER GRAM DRIED
THORIUM 234		0.2	+/-	0.09	PICOCURIES PER GRAM DRIED
URANIUM 235		0.07	+/-	0.01	PICOCURIES PER GRAM DRIED

RESULTS ACCURATE TO 2 SIGNIFICANT FIGURES.
ERROR TERM AT 95% CONFIDENCE LEVEL.

MR. AMON J. CLAY, GM-13
Chief, Radioanalytical Branch, BAFB
DSN 240-2061

SAMPLE ANALYSIS RESULTS REPORTED ON 15-nov-1994
ARMSTRONG LABORATORY
OCCUPATIONAL AND ENVIRONMENTAL HEALTH DIRECTORATE
RADIOANALYTICAL FUNCTION (OEBSA)
BROOKS AIR FORCE BASE, TEXAS 78235-5000

OE ID

19404582

377 MG/AERMS/SGPB
1951 SECOND STREET SE
KIRTLAND AFB, NM 87117-5559
ATTN CAPT CRAIG ADAMS

BASE ADDRESS CODE: Q00097Z

IDENTIFICATION:
Base Sample #: GS943844
OEHL ID: 19404582
Type of Sample: SOIL
Workplace or Site ID: 00097 ____ 093A KIRTLAND AFB, NM
Date Collected: 20-SEP-94 Time Collected: 0800
Date Received: 26-SEP-94
Date Completed: 14-NOV-94

SAMPLE VOLUME 4265.1 GRAMS DRY.

ACTINIUM 228		0.6	+/-	0.03	PICOCURIES PER GRAM DRIED
BISMUTH 212	<	0.4			PICOCURIES PER GRAM DRIED
BISMUTH 214		0.5	+/-	0.03	PICOCURIES PER GRAM DRIED
CESIUM 134	<	0.02			PICOCURIES PER GRAM DRIED
CESIUM 137		8.1	+/-	4.9	FEMTOCURIES PER GRAM DRIED
GROSS ALPHA		3.6	+/-	2.1	PICOCURIES PER GRAM DRIED
GROSS BETA		25.6	+/-	2.	PICOCURIES PER GRAM DRIED
LEAD 212		0.6	+/-	0.05	PICOCURIES PER GRAM DRIED
LEAD 214		0.5	+/-	0.03	PICOCURIES PER GRAM DRIED
POTASSIUM 40		14.9	+/-	0.9	PICOCURIES PER GRAM DRIED
RADIUM 224	<	0.7			PICOCURIES PER GRAM DRIED
RADIUM 226	<	0.5			PICOCURIES PER GRAM DRIED
THALLIUM 208		0.2	+/-	0.01	PICOCURIES PER GRAM DRIED
THORIUM 228		1.7	+/-	0.3	PICOCURIES PER GRAM DRIED
THORIUM 232		0.6	+/-	0.03	PICOCURIES PER GRAM DRIED
THORIUM 234		0.2	+/-	0.09	PICOCURIES PER GRAM DRIED
URANIUM 235		0.06	+/-	0.01	PICOCURIES PER GRAM DRIED

RESULTS ACCURATE TO 2 SIGNIFICANT FIGURES.
ERROR TERM AT 95% CONFIDENCE LEVEL.

MR. AMON J. CLAY, GM-13
Chief, Radioanalytical Branch, BAFB
DSN 240-2061

SAMPLE ANALYSIS RESULTS REPORTED ON 23-nov-1994
ARMSTRONG LABORATORY
OCCUPATIONAL AND ENVIRONMENTAL HEALTH DIRECTORATE
RADIOANALYTICAL FUNCTION (OEBSA)
BROOKS AIR FORCE BASE, TEXAS 78235-5000

OE ID

19404557

377 MG/AERMS/SGPB
1951 SECOND STREET SE
KIRTLAND AFB, NM 87117-5559
ATTN CAPT CRAIG ADAMS

BASE ADDRESS CODE: Q00097Z

IDENTIFICATION:
Base Sample #: GN943845
OEHL ID: 19404557
Type of Sample: WATER, NONPOTABLE, NOT SDWA
Workplace or Site ID: 00097 ____ 093A KIRTLAND AFB, NM
Date Collected: 07-SEP-94 Time Collected: 1030
Date Received: 26-SEP-94
Date Completed: 22-NOV-94

BISMUTH 212	<	33.	PICOCURIES PER LITER
BISMUTH 214	<	18.	PICOCURIES PER LITER
CESIUM 134	<	7.4	PICOCURIES PER LITER
CESIUM 137	<	7.6	PICOCURIES PER LITER
GROSS ALPHA	<	0.6	PICOCURIES PER LITER
GROSS BETA	<	3.	PICOCURIES PER LITER
LEAD 212	<	16.9	PICOCURIES PER LITER
LEAD 214	<	18.6	PICOCURIES PER LITER
POTASSIUM 40	<	116.4	PICOCURIES PER LITER
RADIUM 224	<	196.	PICOCURIES PER LITER
RADIUM 226	<	21.6	PICOCURIES PER LITER
THALLIUM 208	<	8.6	PICOCURIES PER LITER
THORIUM 228	<	0.5	PICOCURIES PER LITER
THORIUM 232	<	17.4	PICOCURIES PER LITER
THORIUM 234	<	116.9	PICOCURIES PER LITER
URANIUM 235	<	13.1	PICOCURIES PER LITER

RESULTS ACCURATE TO 2 SIGNIFICANT FIGURES.
ERROR TERM AT 95% CONFIDENCE LEVEL.

MR. AMON J. CLAY, GM-13
Chief, Radioanalytical Branch, BAFB
DSN 240-2061

SAMPLE ANALYSIS RESULTS REPORTED ON 23-nov-1994
ARMSTRONG LABORATORY
OCCUPATIONAL AND ENVIRONMENTAL HEALTH DIRECTORATE
RADIOANALYTICAL FUNCTION (OEBSA)
BROOKS AIR FORCE BASE, TEXAS 78235-5000

OE ID

19404558

377 MG/AERMS/SGPB
1951 SECOND STREET SE
KIRTLAND AFB, NM 87117-5559
ATTN CAPT CRAIG ADAMS

BASE ADDRESS CODE: Q00097Z

IDENTIFICATION:
Base Sample #: GN943846
OEHL ID: 19404558
Type of Sample: WATER, NONPOTABLE, NOT SDWA
Workplace or Site ID: 00097 ____ 093A KIRTLAND AFB, NM
Date Collected: 07-SEP-94 Time Collected: 1030
Date Received: 26-SEP-94
Date Completed: 22-NOV-94

BISMUTH 212	<	33.		PICOCURIES PER LITER
BISMUTH 214	<	16.9		PICOCURIES PER LITER
CESIUM 134	<	7.3		PICOCURIES PER LITER
CESIUM 137	<	8.		PICOCURIES PER LITER
GROSS ALPHA	<	0.6		PICOCURIES PER LITER
GROSS BETA	<	3.		PICOCURIES PER LITER
LEAD 212	<	17.2		PICOCURIES PER LITER
LEAD 214	<	18.5		PICOCURIES PER LITER
POTASSIUM 40	<	112.2		PICOCURIES PER LITER
RADIUM 224	<	194.1		PICOCURIES PER LITER
RADIUM 226	<	223.4		PICOCURIES PER LITER
THALLIUM 208	<	9.		PICOCURIES PER LITER
THORIUM 228	<	479.2		PICOCURIES PER LITER
THORIUM 232	<	33.7		PICOCURIES PER LITER
THORIUM 234		46.4	+/- 37.6	PICOCURIES PER LITER
URANIUM 235	<	13.7		PICOCURIES PER LITER

RESULTS ACCURATE TO 2 SIGNIFICANT FIGURES.
ERROR TERM AT 95% CONFIDENCE LEVEL.

MR. AMON J. CLAY, GM-13
Chief, Radioanalytical Branch, BAFB
DSN 240-2061

SAMPLE ANALYSIS RESULTS REPORTED ON 23-nov-1994
ARMSTRONG LABORATORY
OCCUPATIONAL AND ENVIRONMENTAL HEALTH DIRECTORATE
RADIOANALYTICAL FUNCTION (OEBSA)
BROOKS AIR FORCE BASE, TEXAS 78235-5000

OE ID

19404559

377 MG/AERMS/SGPB
1951 SECOND STREET SE
KIRTLAND AFB, NM 87117-5559
ATTN CAPT CRAIG ADAMS

BASE ADDRESS CODE: Q00097Z

IDENTIFICATION:
Base Sample #: GN943847
OEHL ID: 19404559
Type of Sample: WATER, NONPOTABLE, NOT SDWA
Workplace or Site ID: 00097 ____ 093A KIRTLAND AFB, NM
Date Collected: 07-SEP-94 Time Collected: 1030
Date Received: 26-SEP-94
Date Completed: 22-NOV-94

BISMUTH 212	< 33.	PICOCURIES PER LITER
BISMUTH 214	< 15.2	PICOCURIES PER LITER
CESIUM 134	< 7.4	PICOCURIES PER LITER
CESIUM 137	< 8.6	PICOCURIES PER LITER
GROSS ALPHA	< 0.6	PICOCURIES PER LITER
GROSS BETA	< 3.	PICOCURIES PER LITER
LEAD 212	< 17.	PICOCURIES PER LITER
LEAD 214	< 18.2	PICOCURIES PER LITER
POTASSIUM 40	< 116.4	PICOCURIES PER LITER
RADIUM 224	< 192.4	PICOCURIES PER LITER
RADIUM 226	< 211.	PICOCURIES PER LITER
THALLIUM 208	< 9.4	PICOCURIES PER LITER
THORIUM 228	< 464.4	PICOCURIES PER LITER
THORIUM 232	< 32.3	PICOCURIES PER LITER
THORIUM 234	< 115.	PICOCURIES PER LITER
URANIUM 235	< 12.9	PICOCURIES PER LITER

RESULTS ACCURATE TO 2 SIGNIFICANT FIGURES.
ERROR TERM AT 95% CONFIDENCE LEVEL.

MR. AMON J. CLAY, GM-13
Chief, Radioanalytical Branch, BAFB
DSN 240-2061

SAMPLE ANALYSIS RESULTS REPORTED ON 23-nov-1994
ARMSTRONG LABORATORY
OCCUPATIONAL AND ENVIRONMENTAL HEALTH DIRECTORATE
RADIOANALYTICAL FUNCTION (OEBSA)
BROOKS AIR FORCE BASE, TEXAS 78235-5000

OE ID

19404560

377 MG/AERMS/SGPB
1951 SECOND STREET SE
KIRTLAND AFB, NM 87117-5559
ATTN CAPT CRAIG ADAMS

BASE ADDRESS CODE: Q00097Z

IDENTIFICATION:
Base Sample #: GN943848
OEHL ID: 19404560
Type of Sample: WATER, NONPOTABLE, NOT SDWA
Workplace or Site ID: 00097 ____ 093A KIRTLAND AFB, NM
Date Collected: 07-SEP-94 Time Collected: 1030
Date Received: 26-SEP-94
Date Completed: 22-NOV-94

BISMUTH 212	<	33.	PICOCURIES PER LITER
BISMUTH 214	<	16.1	PICOCURIES PER LITER
CESIUM 134	<	7.5	PICOCURIES PER LITER
CESIUM 137	<	9.	PICOCURIES PER LITER
GROSS ALPHA	<	0.6	PICOCURIES PER LITER
GROSS BETA	<	3.1	PICOCURIES PER LITER
LEAD 212	<	16.6	PICOCURIES PER LITER
LEAD 214	<	17.5	PICOCURIES PER LITER
POTASSIUM 40	<	121.2	PICOCURIES PER LITER
RADIUM 224	<	192.4	PICOCURIES PER LITER
RADIUM 226	<	214.5	PICOCURIES PER LITER
THALLIUM 208	<	9.9	PICOCURIES PER LITER
THORIUM 228	<	491.4	PICOCURIES PER LITER
THORIUM 232	<	33.5	PICOCURIES PER LITER
THORIUM 234	<	117.2	PICOCURIES PER LITER
URANIUM 235	<	13.1	PICOCURIES PER LITER

RESULTS ACCURATE TO 2 SIGNIFICANT FIGURES.
ERROR TERM AT 95% CONFIDENCE LEVEL.

MR. AMON J. CLAY, GM-13
Chief, Radioanalytical Branch, BAFB
DSN 240-2061

SAMPLE ANALYSIS RESULTS REPORTED ON 23-nov-1994
ARMSTRONG LABORATORY
OCCUPATIONAL AND ENVIRONMENTAL HEALTH DIRECTORATE
RADIOANALYTICAL FUNCTION (OEBSA)
BROOKS AIR FORCE BASE, TEXAS 78235-5000

OE ID

19404561

377 MG/AERMS/SGPB
1951 SECOND STREET SE
KIRTLAND AFB, NM 87117-5559
ATTN CAPT CRAIG ADAMS

BASE ADDRESS CODE: Q00097Z

IDENTIFICATION:
Base Sample #: GN943849
OEHL ID: 19404561
Type of Sample: WATER, NONPOTABLE, NOT SDWA
Workplace or Site ID: 00097 ____ 093A KIRTLAND AFB, NM
Date Collected: 07-SEP-94 Time Collected: 1030
Date Received: 26-SEP-94
Date Completed: 22-NOV-94

BISMUTH 212	<	33.			PICOCURIES PER LITER
BISMUTH 214	<	16.4			PICOCURIES PER LITER
CESIUM 134	<	7.6			PICOCURIES PER LITER
CESIUM 137		3.6	+/-	2.1	PICOCURIES PER LITER
GROSS ALPHA	<	0.6			PICOCURIES PER LITER
GROSS BETA	<	3.			PICOCURIES PER LITER
LEAD 212	<	16.6			PICOCURIES PER LITER
LEAD 214	<	18.6			PICOCURIES PER LITER
POTASSIUM 40	<	120.4			PICOCURIES PER LITER
RADIUM 224	<	194.9			PICOCURIES PER LITER
RADIUM 226	<	215.6			PICOCURIES PER LITER
THALLIUM 208	<	9.1			PICOCURIES PER LITER
THORIUM 228	<	465.9			PICOCURIES PER LITER
THORIUM 232	<	32.2			PICOCURIES PER LITER
THORIUM 234	<	121.4			PICOCURIES PER LITER
URANIUM 235	<	13.3			PICOCURIES PER LITER

RESULTS ACCURATE TO 2 SIGNIFICANT FIGURES.
ERROR TERM AT 95% CONFIDENCE LEVEL.

MR. AMON J. CLAY, GM-13
Chief, Radioanalytical Branch, BAFB
DSN 240-2061

SAMPLE ANALYSIS RESULTS REPORTED ON 23-nov-1994
ARMSTRONG LABORATORY
OCCUPATIONAL AND ENVIRONMENTAL HEALTH DIRECTORATE
RADIOANALYTICAL FUNCTION (OEBSA)
BROOKS AIR FORCE BASE, TEXAS 78235-5000

OE ID

19404562

377 MG/AERMS/SGPB
1951 SECOND STREET SE
KIRTLAND AFB, NM 87117-5559
ATTN CAPT CRAIG ADAMS

BASE ADDRESS CODE: Q00097Z

IDENTIFICATION:
Base Sample #: GN943850
OEHL ID: 19404562
Type of Sample: WATER, NONPOTABLE, NOT SDWA
Workplace or Site ID: 00097 ____ 093A KIRTLAND AFB, NM
Date Collected: 13-SEP-94 Time Collected: 1100
Date Received: 26-SEP-94
Date Completed: 22-NOV-94

BISMUTH 212	<	33.			PICOCURIES PER LITER
BISMUTH 214	<	16.3			PICOCURIES PER LITER
CESIUM 134	<	7.1			PICOCURIES PER LITER
CESIUM 137		2.4	+/-	1.9	PICOCURIES PER LITER
GROSS ALPHA		3.7	+/-	1.4	PICOCURIES PER LITER
GROSS BETA		14.3	+/-	2.2	PICOCURIES PER LITER
LEAD 212	<	16.8			PICOCURIES PER LITER
LEAD 214	<	17.4			PICOCURIES PER LITER
POTASSIUM 40	<	119.6			PICOCURIES PER LITER
RADIUM 224	<	196.4			PICOCURIES PER LITER
RADIUM 226	<	213.8			PICOCURIES PER LITER
THALLIUM 208	<	9.3			PICOCURIES PER LITER
THORIUM 228	<	457.8			PICOCURIES PER LITER
THORIUM 232	<	32.4			PICOCURIES PER LITER
THORIUM 234	<	118.			PICOCURIES PER LITER
URANIUM 235	<	12.9			PICOCURIES PER LITER

RESULTS ACCURATE TO 2 SIGNIFICANT FIGURES.
ERROR TERM AT 95% CONFIDENCE LEVEL.

MR. AMON J. CLAY, GM-13
Chief, Radioanalytical Branch, BAFB
DSN 240-2061

SAMPLE ANALYSIS RESULTS REPORTED ON 21-oct-1994
ARMSTRONG LABORATORY
OCCUPATIONAL AND ENVIRONMENTAL HEALTH DIRECTORATE
RADIOANALYTICAL FUNCTION (OEBSA)
BROOKS AIR FORCE BASE, TEXAS 78235-5000

OE ID

19404205

377 MG/AERMS/SGPB
1951 SECOND STREET SE
KIRTLAND AFB, NM 87117-5559
ATTN CAPT CRAIG ADAMS

BASE ADDRESS CODE: Q00097Z

IDENTIFICATION:
Base Sample #: GS943770 SAMPLE "K"
OEHL ID: 19404205
Type of Sample: SOIL
Workplace or Site ID: 00097 ____ 093A KIRTLAND AFB, NM
Date Collected: 06-SEP-94 Time Collected: 1000
Date Received: 14-SEP-94
Date Completed: 20-OCT-94

SAMPLE WEIGHT 2741.1 GRAMS DRY.

BISMUTH 212	<	0.2			PICOCURIES PER GRAM DRIED
BISMUTH 214	<	0.7			PICOCURIES PER GRAM DRIED
CESIUM 134	<	0.03			PICOCURIES PER GRAM DRIED
CESIUM 137		0.6	+/-	0.04	PICOCURIES PER GRAM DRIED
GROSS ALPHA		6.2	+/-	1.9	PICOCURIES PER GRAM DRIED
GROSS BETA		32.7	+/-	1.8	PICOCURIES PER GRAM DRIED
LEAD 212		0.8	+/-	0.06	PICOCURIES PER GRAM DRIED
LEAD 214		0.7	+/-	0.04	PICOCURIES PER GRAM DRIED
POTASSIUM 40	<	1.1			PICOCURIES PER GRAM DRIED
RADIUM 224	<	0.9			PICOCURIES PER GRAM DRIED
RADIUM 226	<	0.7			PICOCURIES PER GRAM DRIED
THALLIUM 208		0.3	+/-	0.02	PICOCURIES PER GRAM DRIED
THORIUM 228	<	1.3			PICOCURIES PER GRAM DRIED
THORIUM 232		0.8	+/-	0.03	PICOCURIES PER GRAM DRIED
THORIUM 234		0.3	+/-	0.1	PICOCURIES PER GRAM DRIED
URANIUM 235		0.1	+/-	0.01	PICOCURIES PER GRAM DRIED

RESULTS ACCURATE TO 2 SIGNIFICANT FIGURES.
ERROR TERM AT 95% CONFIDENCE LEVEL.

MR. AMON J. CLAY, GM-13
Chief, Radioanalytical Branch, BAFB
DSN 240-2061

SAMPLE ANALYSIS RESULTS REPORTED ON 21-oct-1994
ARMSTRONG LABORATORY
OCCUPATIONAL AND ENVIRONMENTAL HEALTH DIRECTORATE
RADIOANALYTICAL FUNCTION (OEBSA)
BROOKS AIR FORCE BASE, TEXAS 78235-5000

OE ID

19404206

377 MG/AERMS/SGPB
1951 SECOND STREET SE
KIRTLAND AFB, NM 87117-5559
ATTN CAPT CRAIG ADAMS

BASE ADDRESS CODE: Q00097Z

IDENTIFICATION:
Base Sample #: GS943771 SAMPLE "T"
OEHL ID: 19404206
Type of Sample: SOIL
Workplace or Site ID: 00097 ____ 093A KIRTLAND AFB, NM
Date Collected: 06-SEP-94 Time Collected: 1000
Date Received: 14-SEP-94
Date Completed: 20-OCT-94

SAMPLE WEIGHT 2272 GRAMS DRY.

ACTINIUM 228		0.8	+/-	0.03	PICOCURIES PER GRAM DRIED
BISMUTH 212	<	0.05			PICOCURIES PER GRAM DRIED
BISMUTH 214		0.8	+/-	0.04	PICOCURIES PER GRAM DRIED
CESIUM 134	<	0.03			PICOCURIES PER GRAM DRIED
CESIUM 137		0.7	+/-	0.05	PICOCURIES PER GRAM DRIED
GROSS ALPHA		6.5	+/-	2.	PICOCURIES PER GRAM DRIED
GROSS BETA		34.2	+/-	1.8	PICOCURIES PER GRAM DRIED
LEAD 212		0.9	+/-	0.07	PICOCURIES PER GRAM DRIED
LEAD 214		0.8	+/-	0.04	PICOCURIES PER GRAM DRIED
POTASSIUM 40	<	1.1			PICOCURIES PER GRAM DRIED
RADIUM 224	<	0.9			PICOCURIES PER GRAM DRIED
RADIUM 226	<	0.7			PICOCURIES PER GRAM DRIED
THALLIUM 208		0.3	+/-	0.02	PICOCURIES PER GRAM DRIED
THORIUM 228	<	2.			PICOCURIES PER GRAM DRIED
THORIUM 232		0.8	+/-	0.03	PICOCURIES PER GRAM DRIED
THORIUM 234		0.4	+/-	0.1	PICOCURIES PER GRAM DRIED
URANIUM 235		0.1	+/-	0.01	PICOCURIES PER GRAM DRIED

RESULTS ACCURATE TO 2 SIGNIFICANT FIGURES.
ERROR TERM AT 95% CONFIDENCE LEVEL.

MR. AMON J. CLAY, GM-13
Chief, Radioanalytical Branch, BAFB
DSN 240-2061

MR. JOHNSON,

LISTED BELOW ARE THE RESULTS YOU NEEDED. IF YOU HAVE ANY QUESTIONS, PLEASE FEEL FREE TO CALL.

SAMPLE NUMBER	OE #'S	GROSS ALPHA	GROSS BETA
GS943825	19404563	3.8 +/- 1.6	29.5 +/- 1.7
3826		4.3 +/- 1.6	28.4 +/- 1.6
3827		6.2 +/- 1.9	29.1 +/- 1.7
3828		4.7 +/- 1.7	26.3 +/- 1.6
3829		5.6 +/- 2.0	26.4 +/- 1.6
3830		3.8 +/- 2.1	24.6 +/- 2.0
3831		5.1 +/- 2.3	21.5 +/- 1.9
3832		3.5 +/- 2.1	23.2 +/- 1.9
3833		3.0 +/- 2.0	24.2 +/- 1.9
3834		2.2 +/- 1.8	24.4 +/- 1.8
3835		4.1 +/- 2.2	21.7 +/- 1.9
3836		2.7 +/- 1.9	23.6 +/- 1.9
3837		3.9 +/- 2.1	22.8 +/- 1.9
3838		5.0 +/- 2.4	26.3 +/- 2.0
3839		3.9 +/- 2.1	20.6 +/- 1.8
3840		7.4 +/- 2.7	25.0 +/- 2.0
3841		5.0 +/- 2.4	27.8 +/- 2.1
3842		4.4 +/- 2.3	27.5 +/- 2.1
3843		3.0 +/- 2.0	26.9 +/- 2.0
3844	19404582	3.6 +/- 2.1	25.6 +/- 2.0

ALL OF THE ABOVE RESULTS ARE PICOCURIES PER GRAM/DRY.

Cyndi Utley

CYNDI UTLEY
AL/OEBA
DSN:240-2061

Soil

CHAIN OF CUSTODY

NOTE: MEASURE COOLER TEMPERATURE FROM TEMPERATURE BLANK

ROJECT NAME:	McCORMICK RANCH	# OF CONTAINERS *	1							
CLIENT:	PHILLIPS LABORATORY, KIRTLAND AFB	TYPE OF CONTAINERS	Aly							
MARY CONTACT:	JEFF JOHNSON (GRAM) 505-299-1282	CONTAINER VOLUME	1 Gal							
NDARY CONTACT:	STEVE GORIN (LATA) 505-880-3439	PRESERVATIVE	None							
RATORY CONTACT:		ANALYSES REQUESTED	8 X	2	3	4	5	6	7

LE IDENTIFICATION (LOCATION ID, SAMPLE ID)	USAF SAMPLE No.	MATRIX	DATE/TIME COLLECTED							
154-0317-0001	G5943825	S	9/8/94 1400	✓						
154-0317-0002	G5943826	S	9/8/94 1400	✓						
154-0318-0001	G5943827	S	9/8/94 1400	✓						
154-0319-0001	G5943828	S	9/8/94 1400	✓						
154-0320-0001	G5943829	S	9/8/94 1400	✓						
154-0321-0001	G5943830	S	9/8/94 1400	✓						
154-0322-0001	G5943831	S	9/8/94 1400	✓						
154-0323-0001	G5943832	S	9/8/94 1400	✓						
154-0323-0002	G5943833	S	9/8/94 1400	✓						
154-0324-0001	G5943834	S	9/8/94 1400	✓						
154-0324-0001	MS/MSD G5943835	S	9/8/94 1400	✓						

8. Gross Alpha-Beta-Gamma

CONTAINER TYPES:

- P - POLYETHYLENE
- CG - CLEAR GLASS
- AG - AMBER GLASS

FOR SOIL SAMPLES ONLY ONE 16-oz GLASS JAR OF SOIL AT QUIRED TO PROVIDE SUFFICIENT SAMPLE VOLUME FOR ALL ES. THE REQUIRED ANALYSES FOR EACH SOIL SAMPLE NTIFIED BY CHECKING THE APPROPRIATE BOXES (1 - 7)

LABORATORY ANALYSES:

1. EXPLOSIVES (SW8330, SW8330-ADD-1, SW8330-ADD-2)
2. NITRATE + NITRITE (E353.2)
3. SEMI-VOCs (SW8270)
4. ICP METALS (SW6010); MINUS LEAD, ARSENIC, SELENIUM, AND MERCURY
5. MERCURY (SW7471)
6. LEAD (SW7421), ARSENIC (SW7060), SELENIUM (SW7740)
7. CYANIDE (SW9012)

RELINQUISHED BY:		RECEIVED BY:			
OMPANY NAME	SIGNATURE	COMPANY NAME	SIGNATURE	DATE	TIME
A	James R Denton	LATA	[illegible]	9/20/94	0820
TA	[illegible]	377 MG/SGPB	[illegible]	9/26/94	0936

RELEASED TO SHIPPER BY:		RECEIVED BY SHIPPER:				
COMPANY NAME	SIGNATURE	COMPANY NAME	SIGNATURE	BILL OF LADING #	DATE	TIME
IEDGP/SGPB	[illegible]	377 TRANS	[illegible]		22Sep94	0847

RELEASED TO LABORATORY BY (SHIPPER):		RECEIVED BY LABORATORY:			
COMPANY NAME	SIGNATURE	COMPANY NAME	SIGNATURE	DATE	TIME
		ALDOCKA	[illegible]	9-26-94	0707

5071

CHAIN OF CUSTODY

NOTE: MEASURE COOLER TEMPERATURE FROM TEMPERATURE BLANK

PROJECT NAME:	McCORMICK RANCH	# OF CONTAINERS *	1						
CLIENT:	PHILLIPS LABORATORY, KIRTLAND AFB	TYPE OF CONTAINERS	Poly						
IMARY CONTACT:	JEFF JOHNSON (GRAM) 505-299-1282	CONTAINER VOLUME	1 gal						
ONDARY CONTACT:	STEVE GORIN (LATA) 505-880-3439	PRESERVATIVE	None						
ORATORY CONTACT:		ANALYSES REQUESTED	8 X	2	3	4	5	6	7

LE IDENTIFICATION (, LOCATION ID, SAMPLE ID)	USAF SAMPLE No.	MATRIX	DATE/TIME COLLECTED						
154-0325-0001	GS943836	S	9/8/94 1400	✓					
154-0326-0001	GS943837	S	9/8/94 1400	✓					
154-0327-0001	GS943838	S	9/8/94 1400	✓					
154-0328-0001	GS943839	S	9/9/94 1500	✓					
154-0329-0001	GS943840	S	9/20/94 0800	✓					
154-0330-0001	GS943841	S	9/20/94 0800	✓					
154-0331-0001	GS943842	S	9/20/94 0800	✓					
154-0332-0001	GS943843	S	9/20/94 0804	✓					
154-0333-0001	GS943844	S	9/20/94 0800	✓					
154-									
154-									

X: CONTAINER TYPES:
* P - POLYETHYLENE
TER CG - CLEAR GLASS
ER AG - AMEER GLASS

FOR SOIL SAMPLES ONLY ONE 16-oz GLASS JAR OF SOIL AT EQUIRED TO PROVIDE SUFFICIENT SAMPLE VOLUME FOR ALL SES. THE REQUIRED ANALYSES FOR EACH SOIL SAMPLE ENTIFIED BY CHECKING THE APPROPRIATE BOXES (1 - 7)

LABORATORY ANALYSES:
1. EXPLOSIVES (SW8330, SW8330-ADD-1, SW8330-ADD-2)
2. NITRATE + NITRITE (E353.1)
3. SEMI-VOCs (SW8270)
4. ICP METALS (SW6010); MINUS LEAD, ARSENIC, SELENIUM, AND MERCURY
5. MERCURY (SW7471)
6. LEAD (SW7421), ARSENIC (SW7060), SELENIUM (SW7740)
7. CYANIDE (SW9012)
8. Gross Alpha - Beta - Gamma

RELINQUISHED BY:		RECEIVED BY:			
COMPANY NAME	SIGNATURE	COMPANY NAME	SIGNATURE	DATE	TIME
LATA	[signature]	LATA	[signature]	9/20/94	0820
LATA	[signature]	377 MG/SGPB	[signature]	9/20/94	0836

RELEASED TO SHIPPER BY:		RECEIVED BY SHIPPER:				
COMPANY NAME	SIGNATURE	COMPANY NAME	SIGNATURE	BILL OF LADING #	DATE	TIME
377 MEDGP/SGPB	[signature]	377 TRANS	[signature]		22 Sep 94	0845

RELEASED TO LABORATORY BY (SHIPPER):		RECEIVED BY LABORATORY:			
COMPANY NAME	SIGNATURE	COMPANY NAME	SIGNATURE	DATE	TIME
		AL/OEBP	[signature]	9-26-94	0700

========= SAMPLE EDIT ========

Sample # 19404571 Logged by JS Last Updated By CU
Reviewed by Final Review By
Site ID 97 093A

Logged Listing Created Y Work Card or Label Created Cancelled
Marked For Review N Sample Okay
Ready to Report Reported
Priority Sample
Description:
Mail to Q00097Z Copy 1 Copy 2
Received 26-SEP-94 Completed Collected(YYMMDD HRMI) 940908 1400
Reason R ROUTINE
Name SSAN
Weight Age Sex
Base Sample # GS943833 Serial #
Collection Method G GRAB
Sample Type S SOIL
Project ID
Analyses ABG

Press <LIST> for list of initials.
Count: *1 <List><Replace>

ample #	Method	Isotope	Value	Error	Units	Culprit	Completed
9404571	G	AC 228	.5	.02	PCI/GM D	CU	20-OCT-94
9404571	G	BI 212	3 .03		PCI/GM D	CU	20-OCT-94
9404571	G	BI 214	.5	.02	PCI/GM D	CU	20-OCT-94
9404571	G	CS 134	.1		PCI/GM D	CU	20-OCT-94
9404571	G	CS 137	.01		PCI/GM D	CU	20-OCT-94
9404571	G	K 40	14.5	.8	PCI/GM D	CU	20-OCT-94
9404571	G	PB 212	.5	.04	PCI/GM D	CU	20-OCT-94
9404571	G	PB 214	.5	.02	PCI/GM D	CU	20-OCT-94
9404571	G	RA 224	.5		PCI/GM D	CU	20-OCT-94
9404571	G	RA 226	.4		PCI/GM D	CU	20-OCT-94
9404571	G	TH 228	1	.02	PCI/GM D	CU	20-OCT-94
9404571	G	TH 232	.5	.02	PCI/GM D	CU	20-OCT-94
9404571	G	TH 234	.2	.07	PCI/GM D	CU	20-OCT-94
9404571	G	TL 208	.25	.01	PCI/GM D	CU	20-OCT-94
9404571	G	U 235	.07	.01	PCI/GM D	CU	20-OCT-94

ıter analysis method code. Press list of field values key for help.
ɔunt: *15 <List><Replace>

======== COMMENTS ========

ample #	Order	Comment	Culprit
9404571	1	SAMPLE VOLUME 4211.5 GRAMS DRY.	CU

ıter a sequence number to force print order. Leave blank if not reported.
ɔunt: *1 <Replace>

========= SAMPLE EDIT ========

Sample # 19404570 Logged by JS Last Updated By CU
Reviewed by Final Review By
Site ID 97 093A

Logged Listing Created Y Work Card or Label Created Cancelled
Marked For Review N Sample Okay
Ready to Report Reported
Priority Sample
Description:
Mail to Q00097Z Copy 1 Copy 2
Received 26-SEP-94 Completed Collected(YYMMDD HRMI) 940908 1400
Reason R ROUTINE
Name SSAN
Weight Age Sex
Base Sample # GS943832 Serial #
Collection Method G GRAB
Sample Type S SOIL
Project ID
Analyses ABG

Press <LIST> for list of initials.
*1 <List>

ample #	Method	Isotope	Value	Error	Units	Culprit	Completed
9404570	G	AC 228	.5	.02	PCI/GM D	CU	28-OCT-94
9404570	G	BI 212	.03		PCI/GM D	CU	28-OCT-94
9404570	G	BI 214	.5	.02	PCI/GM D	CU	28-OCT-94
9404570	G	CS 134	.01		PCI/GM D	CU	28-OCT-94
9404570	G	CS 137	.02		PCI/GM D	CU	28-OCT-94
9404570	G	K 40	14.2	.8	PCI/GM D	CU	28-OCT-94
9404570	G	PB 212	.5	.04	PCI/GM D	CU	28-OCT-94
9404570	G	PB 214	.5	.02	PCI/GM D	CU	28-OCT-94
9404570	G	RA 224	.6		PCI/GM D	CU	28-OCT-94
9404570	G	RA 226	.4		PCI/GM D	CU	28-OCT-94
9404570	G	TH 228	.9	.2	PCI/GM D	CU	28-OCT-94
9404570	G	TH 232	.5	.02	PCI/GM D	CU	28-OCT-94
9404570	G	TH 234	.2	.08	PCI/GM D	CU	28-OCT-94
9404570	G	TL 208	.2	.01	PCI/GM D	CU	28-OCT-94
9404570	G	U 235	.07	.01	PCI/GM D	CU	28-OCT-94

ıter analysis method code. Press list of field values key for help.
*15 <List>

======== COMMENTS ========

ample #	Order	Comment	Culprit
9404570	1	SAMPLE VOLUME 4230.9 GRAMS DRY.	CU

ıter a sequence number to force print order. Leave blank if not reported.
*1

========= SAMPLE EDIT ========

Sample # 19404563 Logged by JS Last Updated By CU
Reviewed by Final Review By
Site ID 97 093A

Logged Listing Created Y Work Card or Label Created Cancelled
Marked For Review N Sample Okay
Ready to Report Reported
Priority Sample
Description:
Mail to Q00097Z Copy 1 Copy 2
Received 26-SEP-94 Completed Collected(YYMMDD HRMI) 940908 1400
Reason R ROUTINE
Name SSAN
Weight Age Sex
Base Sample # GS943825 Serial #
Collection Method G GRAB
Sample Type S SOIL
Project ID
Analyses ABG

ress <LIST> for list of initials.
ount: *1 <List><Replace>

ample #	Method	Isotope	Value	Error	Units	Culprit	Completed
9404563	G	BI 212	.03		PCI/GM D	CU	20-OCT-94
9404563	G	BI 214	.5		PCI/GM D	CU	20-OCT-94
9404563	G	CS 134	.01		PCI/GM D	CU	20-OCT-94
9404563	G	CS 137	.01	.004	PCI/GM D	CU	20-OCT-94
9404563	G	K 40	16.1	.9	PCI/GM D	CU	20-OCT-94
9404563	G	PB 212	.7	.05	PCI/GM D	CU	20-OCT-94
9404563	G	PB 214	.6	.03	PCI/GM D	CU	20-OCT-94
9404563	G	RA 224	.6		PCI/GM D	CU	20-OCT-94
9404563	G	RA 226	.4		PCI/GM D	CU	20-OCT-94
9404563	G	TH 228	1.3	.3	PCI/GM D	CU	20-OCT-94
9404563	G	TH 232	.7	.02	PCI/GM D	CU	20-OCT-94
9404563	G	TH 234	.3	.08	PCI/GM D	CU	20-OCT-94
9404563	G	TL 208	.2	.01	PCI/GM D	CU	20-OCT-94
9404563	G	U 235	.07	.01	PCI/GM D	CU	20-OCT-94

nter analysis method code. Press list of field values key for help.
ount: *14 <List><Replace>

======== COMMENTS ========

ample #	Order	Comment	Culprit
9404563	1	SAMPLE VOLUME 4365.5 GRAMS DRY.	CU

nter a sequence number to force print order. Leave blank if not reported.
ount: *1 <Replace>

========= SAMPLE EDIT ========

Sample # 19404564 Logged by JS Last Updated By CU
Reviewed by Final Review By
Site ID 97 093A

Logged Listing Created Y Work Card or Label Created Cancelled
Marked For Review N Sample Okay
Ready to Report Reported
Priority Sample
Description:
Mail to Q00097Z Copy 1 Copy 2
Received 26-SEP-94 Completed Collected(YYMMDD HRMI) 940908 1400
Reason R ROUTINE
Name SSAN
Weight Age Sex
Base Sample # GS943826 Serial #
Collection Method G GRAB
Sample Type S SOIL
Project ID
Analyses ABG

ress <LIST> for list of initials.
ount: *1 <List><Replace>

ample #	Method	Isotope	Value	Error	Units	Culprit	Completed
9404564	G	BI 212	.03		PCI/GM D	CU	20-OCT-94
9404564	G	BI 214	.5	.03	PCI/GM D	CU	20-OCT-94
9404564	G	CS 134	.01	.03	PCI/GM D	CU	20-OCT-94
9404564	G	CS 137	.01	.004	PCI/GM D	CU	20-OCT-94
9404564	G	K 40	16.1	.9	PCI/GM D	CU	20-OCT-94
9404564	G	PB 212	.7	.05	PCI/GM D	CU	20-OCT-94
9404564	G	PB 214	.6	.03	PCI/GM D	CU	20-OCT-94
9404564	G	RA 224	.6		PCI/GM D	CU	20-OCT-94
9404564	G	RA 226	.4		PCI/GM D	CU	20-OCT-94
9404564	G	TH 228	1.9	.3	PCI/GM D	CU	20-OCT-94
9404564	G	TH 232	.7	.02	PCI/GM D	CU	20-OCT-94
9404564	G	TH 234	.3	.08	PCI/GM D	CU	20-OCT-94
9404564	G	TL 208	.2	.01	PCI/GM D	CU	20-OCT-94
9404564	G	U 235	.08	.008	PCI/GM D	CU	20-OCT-94

nter analysis method code. Press list of field values key for help.
ount: *14 <List><Replace>

======== COMMENTS ========

ample #	Order	Comment	Culprit
9404564	1	SAMPLE VOLUME 4565.7 GRAMS DRY.	CU

nter a sequence number to force print order. Leave blank if not reported.
ount: *1 <Replace>

========= SAMPLE EDIT ========

Sample # 19404565 Logged by JS Last Updated By CU
Reviewed by Final Review By
Site ID 97 093A

Logged Listing Created Y Work Card or Label Created Cancelled
Marked For Review N Sample Okay
Ready to Report Reported
Priority Sample
Description:
Mail to Q00097Z Copy 1 Copy 2
Received 26-SEP-94 Completed Collected(YYMMDD HRMI) 940908 1400
Reason R ROUTINE
Name SSAN
Weight Age Sex
Base Sample # GS943827 Serial #
Collection Method G GRAB
Sample Type S SOIL
Project ID
Analyses ABG

ress <LIST> for list of initials.
ount: *1 <List><Replace>

ample #	Method	Isotope	Value	Error	Units	Culprit	Completed
9404565	G	BI 212	.03		PCI/GM D	CU	20-OCT-94
9404565	G	BI 214	.5	.03	PCI/GM D	CU	20-OCT-94
9404565	G	CS 134	.01		PCI/GM D	CU	20-OCT-94
9404565	G	CS 137	.02		PCI/GM D	CU	20-OCT-94
9404565	G	K 40	16.5	.9	PCI/GM D	CU	20-OCT-94
9404565	G	PB 212	.6	.05	PCI/GM D	CU	20-OCT-94
9404565	G	PB 214	.6	.03	PCI/GM D	CU	20-OCT-94
9404565	G	RA 224	.6		PCI/GM D	CU	20-OCT-94
9404565	G	RA 226	.4		PCI/GM D	CU	20-OCT-94
9404565	G	TH 228	1.3	.3	PCI/GM D	CU	20-OCT-94
9404565	G	TH 232	.6	.02	PCI/GM D	CU	20-OCT-94
9404565	G	TH 234	.3	.08	PCI/GM D	CU	20-OCT-94
9404565	G	TL 208	.2	.01	PCI/GM D	CU	20-OCT-94
9404565	G	U 235	.08	.01	PCI/GM D	CU	20-OCT-94

nter analysis method code. Press list of field values key for help.
4 <List>

======== COMMENTS ========

ample #	Order	Comment	Culprit
9404565	1	SAMPLE VOLUME 4771.4 GRAMS DRY.	CU

nter a sequence number to force print order. Leave blank if not reported.

========= SAMPLE EDIT ========

Sample # 19404566 Logged by JS Last Updated By CU
Reviewed by Final Review By
Site ID 97 093A

Logged Listing Created Y Work Card or Label Created Cancelled
Marked For Review N Sample Okay
Ready to Report Reported
Priority Sample

Description:
Mail to Q00097Z Copy 1 Copy 2
Received 26-SEP-94 Completed Collected(YYMMDD HRMI) 940908 1400
Reason R ROUTINE
Name SSAN
Weight Age Sex
Base Sample # GS943828 Serial #
Collection Method G GRAB
Sample Type S SOIL
Project ID
Analyses ABG

ress <LIST> for list of initials.
1 <List>

ample #	Method	Isotope	Value	Error	Units	Culprit	Completed
9404566	G	AM 241	.04		PCI/GM D	CU	20-OCT-94
9404566	G	BI 212	.03		PCI/GM D	CU	20-OCT-94
9404566	G	BI 214	.6	.03	PCI/GM D	CU	20-OCT-94
9404566	G	CO 60	.02		PCI/GM D	CU	20-OCT-94
9404566	G	CS 134	.01		PCI/GM D	CU	20-OCT-94
9404566	G	CS 137	.03	.005	PCI/GM D	CU	20-OCT-94
9404566	G	K 40	16.9	.9	PCI/GM D	CU	20-OCT-94
9404566	G	PB 212	.8	.05	PCI/GM D	CU	20-OCT-94
9404566	G	PB 214	.6	.03	PCI/GM D	CU	20-OCT-94
9404566	G	RA 224	.6		PCI/GM D	CU	20-OCT-94
9404566	G	RA 226	.4	.9	PCI/GM D	CU	20-OCT-94
9404566	G	TH 228	.2		PCI/GM D	CU	20-OCT-94
9404566	G	TH 232	.7	.02	PCI/GM D	CU	20-OCT-94
9404566	G	TH 234	.3	.09	PCI/GM D	CU	20-OCT-94
9404566	G	TL 208	.2	.01	PCI/GM D	CU	20-OCT-94
9404566	G	U 235	.09	.01	PCI/GM D	CU	20 OCT 94

nter analysis method code. Press list of field values key for help.
15 v <List>

======== COMMENTS ========

ample #	Order	Comment	Culprit
9404566	1	SAMPLE VOLUME 5164.2 GRAMS DRY.	CU

nter a sequence number to force print order. Leave blank if not reported.
*1

========= SAMPLE EDIT ========

Sample # 19404567 Logged by JS Last Updated By CU
Reviewed by Final Review By
Site ID 97 093A

Logged Listing Created Y Work Card or Label Created Cancelled
Marked For Review N Sample Okay
Ready to Report Reported
Priority Sample
Description:
Mail to Q00097Z Copy 1 Copy 2
Received 26-SEP-94 Completed Collected(YYMMDD HRMI) 940908 1400
Reason R ROUTINE
Name SSAN
Weight Age Sex
Base Sample # GS943829 Serial #
Collection Method G GRAB
Sample Type S SOIL
Project ID
Analyses ABG

ress <LIST> for list of initials.
*1 <List>

ample #	Method	Isotope	Value	Error	Units	Culprit	Completed
9404567	G	AC 228	.6	.02	PCI/GM D	CU	20-OCT-94
9404567	G	BI 212	.02		PCI/GM D	CU	20-OCT-94
9404567	G	BI 214	.6	.03	PCI/GM D	CU	20-OCT-94
9404567	G	CS 134	.01		PCI/GM D	CU	20-OCT-94
9404567	G	CS 137	.1	.01	PCI/GM D	CU	20-OCT-94
9404567	G	K 40	15.6	.9	PCI/GM D	CU	20-OCT-94
9404567	G	PB 212	.7	.05	PCI/GM D	CU	20-OCT-94
9404567	G	PB 214	.6	.03	PCI/GM D	CU	20-OCT-94
9404567	G	RA 224	.6		PCI/GM D	CU	20-OCT-94
9404567	G	RA 226	.4		PCI/GM D	CU	20-OCT-94
9404567	G	TH 228	1.3	.3	PCI/GM D	CU	20-OCT-94
9404567	G	TH 234	.3	.08	PCI/GM D	CU	20-OCT-94
9404567	G	TL 208	.2	.01	PCI/GM D	CU	20-OCT-94
9404567	G	U 235	.08	.01	PCI/GM D	CU	20-OCT-94

nter analysis method code. Press list of field values key for help.
*14 <List>

======== COMMENTS ========

ample #	Order	Comment	Culprit
9404567	1	SAMPLE VOLUME 3809.3 GRAMS DRY.	CU

ıter a sequence number to force print order. Leave blank if not reported.
*1

========= SAMPLE EDIT ========

Sample # 19404568 Logged by JS Last Updated By CU
Reviewed by Final Review By
Site ID 97 093A

Logged Listing Created Y Work Card or Label Created Cancelled
Marked For Review N Sample Okay
Ready to Report Reported
Priority Sample

Description:
Mail to Q00097Z Copy 1 Copy 2
Received 26-SEP-94 Completed Collected(YYMMDD HRMI) 940908 1400
Reason R ROUTINE
Name SSAN
Weight Age Sex
Base Sample # GS943830 Serial #
Collection Method G GRAB
Sample Type S SOIL
Project ID
Analyses ABG

ress <LIST> for list of initials.
*1 <List>

ample #	Method	Isotope	Value	Error	Units	Culprit	Completed
9404568	G	AC 228	.6	.02	PCI/GM D	CU	20-OCT-94
9404568	G	BI 212	.03		PCI/GM D	CU	20-OCT-94
9404568	G	BI 214	.5	.03	PCI/GM D	CU	20-OCT-94
9404568	G	CS 134	.01		PCI/GM D	CU	20-OCT-94
9404568	G	CS 137	.05	.01	PCI/GM D	CU	20-OCT-94
9404568	G	K 40	14.2	.8	PCI/GM D	CU	20-OCT-94
9404568	G	PB 212	.6	.04	PCI/GM D	CU	20-OCT-94
9404568	G	PB 214	.6	.03	PCI/GM D	CU	20-OCT-94
9404568	G	RA 224	.6		PCI/GM D	CU	20-OCT-94
9404568	G	RA 226	.4		PCI/GM D	CU	20-OCT-94
9404568	G	TH 228	1.5	.3	PCI/GM D	CU	20-OCT-94
9404568	G	TH 232	.6	.02	PCI/GM D	CU	20-OCT-94
9404568	G	TH 234	.3	.08	PCI/GM D	CU	20-OCT-94
9404568	G	TL 208	.2	.01	PCI/GM D	CU	20-OCT-94
9404568	G	U 235	.07	.01	PCI/GM D	CU	20-OCT-94

ıter analysis method code. Press list of field values key for help.
<List><Replace>
ɔunt: *15

======== COMMENTS ========

ample #	Order	Comment	Culprit
9404568	1	SAMPLE VOLUME 4602.4 GRAMS DRY.	CU

ıter a sequence number to force print order. Leave blank if not reported.
*1

========= SAMPLE EDIT ========

Sample # 19404569 Logged by JS Last Updated By CU
Reviewed by Final Review By
Site ID 97 093A

Logged Listing Created Y Work Card or Label Created Cancelled
Marked For Review N Sample Okay
Ready to Report Reported
Priority Sample

Description:
Mail to Q00097Z Copy 1 Copy 2
Received 26-SEP-94 Completed Collected(YYMMDD HRMI) 940908 1400
Reason R ROUTINE
Name SSAN
Weight Age Sex
Base Sample # GS943831 Serial #
Collection Method G GRAB
Sample Type S SOIL
Project ID
Analyses ABG

ress <LIST> for list of initials.
*1 <List>

ample #	Method	Isotope	Value	Error	Units	Culprit	Completed
9404569	G	AC 228	.5	.02	PCI/GM D	CU	20-OCT-94
9404569	G	BI 212	.03		PCI/GM D	CU	20-OCT-94
9404569	G	BI 214	.6	.03	PCI/GM D	CU	20-OCT-94
9404569	G	CS 134	3	2.4	PCI/GM D	CU	20-OCT-94
9404569	G	CS 137	.02	.004	PCI/GM D	CU	20-OCT-94
9404569	G	K 40	13.5	.8	PCI/GM D	CU	20-OCT-94
9404569	G	PB 212	.5	.04	PCI/GM D	CU	20-OCT-94
9404569	G	PB 214	.6	.03	PCI/GM D	CU	20-OCT-94
9404569	G	RA 224	.05		PCI/GM D	CU	20-OCT-94
9404569	G	RA 226	.4		PCI/GM D	CU	20-OCT-94
9404569	G	TH 228	1.4	.3	PCI/GM D	CU	20-OCT-94
9404569	G	TH 232	.5	.02	PCI/GM D	CU	20-OCT-94
9404569	G	TH 234	.3	.08	PCI/GM D	CU	20-OCT-94
9404569	G	TL 208	.2	.01	PCI/GM D	CU	20-OCT-94
9404569	G	U 235	.07	.01	PCI/GM D	CU	20-OCT-94

nter analysis method code. Press list of field values key for help.
*15 <List>

======== COMMENTS ========

ample #	Order	Comment	Culprit
9404569	1	SAMPLE VOLUME 3879.4 GRAMS DRY.	CU

nter a sequence number to force print order. Leave blank if not reported.
*1

========= SAMPLE EDIT ========

Sample # 19404572 Logged by JS Last Updated By CU
Reviewed by Final Review By
Site ID 97 093A

Logged Listing Created Y Work Card or Label Created Cancelled
Marked For Review N Sample Okay
Ready to Report Reported
Priority Sample

Description:
Mail to Q00097Z Copy 1 Copy 2
Received 26-SEP-94 Completed Collected(YYMMDD HRMI) 940908 1400
Reason R ROUTINE
Name SSAN
Weight Age Sex
Base Sample # GS943834 Serial #
Collection Method G GRAB
Sample Type S SOIL
Project ID
Analyses ABG

ress <LIST> for list of initials.
ount: *1 <List><Replace>

ample #	Method	Isotope	Value	Error	Units	Culprit	Completed
9404572	G	AC 228	.5	.02	PCI/GM D	CU	20-OCT-94
9404572	G	BI 212	.03		PCI/GM D	CU	20-OCT-94
9404572	G	BI 214	.4	.02	PCI/GM D	CU	20-OCT-94
9404572	G	CS 134	.01		PCI/GM D	CU	20-OCT-94
9404572	G	CS 137	5.7	3.2	FCI/GM D	CU	20-OCT-94
9404572	G	K 40	14	.8	PCI/GM D	CU	20-OCT-94
9404572	G	PB 212	.5	.03	PCI/GM D	CU	20-OCT-94
9404572	G	PB 214	.4	.02	PCI/GM D	CU	20-OCT-94
9404572	G	RA 224	.5		PCI/GM D	CU	20-OCT-94
9404572	G	RA 226	.4		PCI/GM D	CU	20-OCT-94
9404572	G	TH 228	1.4	.2	PCI/GM D	CU	20-OCT-94
9404572	G	TH 232	.5	.02	PCI/GM D	CU	20-OCT-94
9404572	G	TH 234	.3	.07	PCI/GM D	CU	20-OCT-94
9404572	G	TL 208	.2	.01	PCI/GM D	CU	20-OCT-94
9404572	G	U 235	.06	.01	PCI/GM D	CU	20-OCT-94

ıter analysis method code. Press list of field values key for help.
ɔunt: *15 <List><Replace>

======== COMMENTS ========

ample #	Order	Comment	Culprit
9404572	1	SAMPLE VOLUME 4397.5 GRAMS DRY.	CU

nter a sequence number to force print order. Leave blank if not reported.
ount: *1 <Replace>

========= SAMPLE EDIT ========

Sample # 19404573 Logged by JS Last Updated By CU
Reviewed by Final Review By
Site ID 97 093A

Logged Listing Created Y Work Card or Label Created Cancelled
Marked For Review N Sample Okay
Ready to Report Reported
Priority Sample
Description:
Mail to Q00097Z Copy 1 Copy 2
Received 26-SEP-94 Completed Collected(YYMMDD HRMI) 940908 1400
Reason R ROUTINE
Name SSAN
Weight Age Sex
Base Sample # GS943835 Serial #
Collection Method G GRAB
Sample Type S SOIL
Project ID
Analyses ABG

ress <LIST> for list of initials.
ount: *1 <List><Replace>

ample #	Method	Isotope	Value	Error	Units	Culprit	Completed
9404573	G	AC 228	.5	.02	PCI/GM D	CU	20-OCT-94
9404573	G	BI 212	.03		PCI/GM D	CU	20-OCT-94
9404573	G	BI 214	.4	.02	PCI/GM D	CU	20-OCT-94
9404573	G	CS 134	.01		PCI/GM D	CU	20-OCT-94
9404573	G	CS 137	6.9	3.2	FCI/GM D	CU	20-OCT-94
9404573	G	K 40	14.3	.8	PCI/GM D	CU	20-OCT-94
9404573	G	PB 212	.5	.04	PCI/GM D	CU	20-OCT-94
9404573	G	PB 214	.5	.02	PCI/GM D	CU	20-OCT-94
9404573	G	RA 224	.5		PCI/GM D	CU	20-OCT-94
9404573	G	RA 226	.4		PCI/GM D	CU	20-OCT-94
9404573	G	TH 228	1.4	.2	PCI/GM D	CU	20-OCT-94
9404573	G	TH 232	.5	.02	PCI/GM D	CU	20-OCT-94
9404573	G	TH 234	.2	.07	PCI/GM D	CU	20-OCT-94
9404573	G	TL 208	.2	.01	PCI/GM D	CU	20-OCT-94
9404573	G	U 235	.07	.01	PCI/GM D	CU	20-OCT-94

nter analysis method code. Press list of field values key for help.
ount: *15 <List><Replace>

======== COMMENTS ========

ample #	Order	Comment	Culprit
9404573	1	SAMPLE VOLUME 4547.8 GRAMS DRY.	CU

nter a sequence number to force print order. Leave blank if not reported.
ount: *1 <Replace>

========= SAMPLE EDIT ========

Sample # 19404574 Logged by JS Last Updated By CU
Reviewed by Final Review By
Site ID 97 093A

Logged Listing Created Y Work Card or Label Created Cancelled
Marked For Review N Sample Okay
Ready to Report Reported
Priority Sample
Description:
Mail to Q00097Z Copy 1 Copy 2
Received 26-SEP-94 Completed Collected(YYMMDD HRMI) 940908 1400
Reason R ROUTINE
Name SSAN
Weight Age Sex
Base Sample # GS943836 Serial #
Collection Method G GRAB
Sample Type S SOIL
Project ID
Analyses ABG

ress <LIST> for list of initials.
unt: *1 <List><Replace>

ample #	Method	Isotope	Value	Error	Units	Culprit	Completed
9404574	G	AC 228	.5	.02	PCI/GM D	CU	20-OCT-94
9404574	G	BI 212	.04		PCI/GM D	CU	20-OCT-94
9404574	G	BI 214	.7	.03	PCI/GM D	CU	20-OCT-94
9404574	G	CS 134	.01		PCI/GM D	CU	20-OCT-94
9404574	G	CS 137	.02		PCI/GM D	CU	20-OCT-94
9404574	G	K 40	11.5	.7	PCI/GM D	CU	20-OCT-94
9404574	G	PB 212	.5	.04	PCI/GM D	CU	20-OCT-94
9404574	G	PB 214	.8	.04	PCI/GM D	CU	20-OCT-94
9404574	G	RA 224	.6		PCI/GM D	CU	20-OCT-94
9404574	G	RA 226	.4		PCI/GM D	CU	20-OCT-94
9404574	G	TH 228	1.4	.03	PCI/GM D	CU	20-OCT-94
9404574	G	TH 232	.5	.02	PCI/GM D	CU	20-OCT-94
9404574	G	TH 234	.4	.09	PCI/GM D	CU	20-OCT-94
9404574	G	TL 208	.1	.01	PCI/GM D	CU	20-OCT-94
9404574	G	U 235	.1	.01	PCI/GM D	CU	20-OCT-94

ıter analysis method code. Press list of field values key for help.
ɔunt: *15 <List><Replace>

======== COMMENTS ========

ample #	Order	Comment	Culprit
9404574	1	SAMPLE VOLUME 4148.3 GRAMS DRY.	CU

nter a sequence number to force print order. Leave blank if not reported.
ount: *1 <Replace>

========= SAMPLE EDIT ========

Sample # 19404575 Logged by JS Last Updated By CU
Reviewed by Final Review By
Site ID 97 093A

Logged Listing Created Y Work Card or Label Created Cancelled
Marked For Review N Sample Okay
Ready to Report Reported
Priority Sample
Description:
Mail to Q00097Z Copy 1 Copy 2
Received 26-SEP-94 Completed Collected(YYMMDD HRMI) 940908 1400
Reason R ROUTINE
Name SSAN
Weight Age Sex
Base Sample # GS943837 Serial #
Collection Method G GRAB
Sample Type S SOIL
Project ID
Analyses ABG

ress <LIST> for list of initials.
ount: *1 <List><Replace>

ample #	Method	Isotope	Value	Error	Units	Culprit	Completed
9404575	G	AC 228	.6	.03	PCI/GM D	CU	20-OCT-94
9404575	G	BI 212	.4		PCI/GM D	CU	20-OCT-94
9404575	G	BI 214	.4	.03	PCI/GM D	CU	20-OCT-94
9404575	G	CS 134	.02		PCI/GM D	CU	20-OCT-94
9404575	G	CS 137	.02	.005	PCI/GM D	CU	20-OCT-94
9404575	G	K 40	14.3	.8	PCI/GM D	CU	20-OCT-94
9404575	G	PB 212	.6	.05	PCI/GM D	CU	20-OCT-94
9404575	G	PB 214	.5	.03	PCI/GM D	CU	20-OCT-94
9404575	G	RA 224	.7		PCI/GM D	CU	20-OCT-94
9404575	G	RA 226	.5		PCI/GM D	CU	20-OCT-94
9404575	G	TH 228	1.4	.3	PCI/GM D	CU	20-OCT-94
9404575	G	TH 232	.6	.03	PCI/GM D	CU	20-OCT-94
9404575	G	TH 234	.3	.1	PCI/GM D	CU	20-OCT-94
9404575	G	TL 208	.2	.01	PCI/GM D	CU	20-OCT-94
9404575	G	U 235	.06	.01	PCI/GM D	CU	20-OCT-94

ıter analysis method code. Press list of field values key for help.
ɔunt: *15 <List><Replace>

======== COMMENTS ========

ample #	Order	Comment	Culprit
9404575	1	SAMPLE VOLUME 4073.7 GRAMS DRY.	CU

nter a sequence number to force print order. Leave blank if not reported.
ount: *1 <Replace>

========= SAMPLE EDIT ========

Sample # 19404576 Logged by JS Last Updated By CU
Reviewed by Final Review By
Site ID 97 093A

Logged Listing Created Y Work Card or Label Created Cancelled
Marked For Review N Sample Okay
Ready to Report Reported
Priority Sample
Description:
Mail to Q00097Z Copy 1 Copy 2
Received 26-SEP-94 Completed Collected(YYMMDD HRMI) 940908 1400
Reason R ROUTINE
Name SSAN
Weight Age Sex
Base Sample # GS943838 Serial #
Collection Method G GRAB
Sample Type S SOIL
Project ID
Analyses ABG

ress <LIST> for list of initials.
ount: *1 <List><Replace>

ample #	Method	Isotope	Value	Error	Units	Culprit	Completed
9404576	G	AC 228	.6	.03	PCI/GM D	CU	20-OCT-94
9404576	G	BI 212	.4		PCI/GM D	CU	20-OCT-94
9404576	G	BI 214	.5	.03	PCI/GM D	CU	20-OCT-94
9404576	G	CS 134	.02		PCI/GM D	CU	20-OCT-94
9404576	G	CS 137	.02		PCI/GM D	CU	20-OCT-94
9404576	G	K 40	14.8	.9	PCI/GM D	CU	20-OCT-94
9404576	G	PB 212	.7	.05	PCI/GM D	CU	20-OCT-94
9404576	G	PB 214	.6	.03	PCI/GM D	CU	20-OCT-94
9404576	G	RA 224	.7		PCI/GM D	CU	20-OCT-94
9404576	G	RA 226	.5		PCI/GM D	CU	20-OCT-94
9404576	G	TH 228	1.5	.3	PCI/GM D	CU	20-OCT-94
9404576	G	TH 232	.6	.03	PCI/GM D	CU	20-OCT-94
9404576	G	TH 234	.2	.09	PCI/GM D	CU	20-OCT-94
9404576	G	TL 208	.2	.02	PCI/GM D	CU	20-OCT-94
9404576	G	U 235	.07	.01	PCI/GM D	CU	20-OCT-94

nter analysis method code. Press list of field values key for help.
ount: *15 <List><Replace>

======== COMMENTS ========

ample #	Order	Comment	Culprit
9404576	1	SAMPLE VOLUME 4808.6 GRAMS DRY.	CU

nter a sequence number to force print order. Leave blank if not reported.
ount: *1 <Replace>

========= SAMPLE EDIT ========

Sample # 19404577 Logged by JS Last Updated By CU
Reviewed by Final Review By
Site ID 97 093A

Logged Listing Created Y Work Card or Label Created Cancelled
Marked For Review N Sample Okay
Ready to Report Reported
Priority Sample
Description:
Mail to Q00097Z Copy 1 Copy 2
Received 26-SEP-94 Completed Collected(YYMMDD HRMI) 940909 1500
Reason R ROUTINE
Name SSAN
Weight Age Sex
Base Sample # GS943839 Serial #
Collection Method G GRAB
Sample Type S SOIL
Project ID
Analyses ABG

ress <LIST> for list of initials.
ount: *1 <List><Replace>

ample #	Method	Isotope	Value	Error	Units	Culprit	Completed
9404577	G	AC 228	.5	.02	PCI/GM D	CU	20-OCT-94
9404577	G	BI 212	.4		PCI/GM D	CU	20-OCT-94
9404577	G	BI 214	.4	.02	PCI/GM D	CU	20-OCT-94
9404577	G	CS 134	.02		PCI/GM D	CU	20-OCT-94
9404577	G	CS 137	.02		PCI/GM D	CU	20-OCT-94
9404577	G	K 40	12.9	.8	PCI/GM D	CU	20-OCT-94
9404577	G	PB 212	.5	.04	PCI/GM D	CU	20-OCT-94
9404577	G	PB 214	.4	.02	PCI/GM D	CU	20-OCT-94
9404577	G	RA 224	.6		PCI/GM D	CU	20-OCT-94
9404577	G	RA 226	.4		PCI/GM D	CU	20-OCT-94
9404577	G	TH 228	1.1	.3	PCI/GM D	CU	20-OCT-94
9404577	G	TH 232	.5	.02	PCI/GM D	CU	20-OCT-94
9404577	G	TH 234	.1	.08	PCI/GM D	CU	20-OCT-94
9404577	G	TL 208	.2	.01	PCI/GM D	CU	20-OCT-94
9404577	G	U 235	.05	.01	PCI/GM D	CU	20-OCT-94

nter analysis method code. Press list of field values key for help.
ount: *15 <List><Replace>

======== COMMENTS ========

ample #	Order	Comment	Culprit
9404577	1	SAMPLE VOLUME 5037.9 GRAMS DRY.	CU

nter a sequence number to force print order. Leave blank if not reported.
ount: *1 <Replace>

========= SAMPLE EDIT ========

Sample # 19404578 Logged by JS Last Updated By CU
Reviewed by Final Review By
Site ID 97 093A

Logged Listing Created Y Work Card or Label Created Cancelled
Marked For Review N Sample Okay
Ready to Report Reported
Priority Sample
Description:
Mail to Q00097Z Copy 1 Copy 2
Received 26-SEP-94 Completed Collected(YYMMDD HRMI) 940920 0800
Reason R ROUTINE
Name SSAN
Weight Age Sex
Base Sample # GS943840 Serial #
Collection Method G GRAB
Sample Type S SOIL
Project ID
Analyses ABG

ress <LIST> for list of initials.
ount: *1 <List><Replace>

ample #	Method	Isotope	Value	Error	Units	Culprit	Completed
9404578	G	AC 228	.6	.02	PCI/GM D	CU	20-OCT-94
9404578	G	BI 212	.4		PCI/GM D	CU	20-OCT-94
9404578	G	BI 214	.5	.03	PCI/GM D	CU	20-OCT-94
9404578	G	CS 134	.02		PCI/GM D	CU	20-OCT-94
9404578	G	CS 137	5.6	4.2	FCI/GM D	CU	20-OCT-94
9404578	G	K 40	13.9	.8	PCI/GM D	CU	20-OCT-94
9404578	G	PB 212	.6	.05	PCI/GM D	CU	20-OCT-94
9404578	G	PB 214	.5	.03	PCI/GM D	CU	20-OCT-94
9404578	G	RA 224	.7		PCI/GM D	CU	20-OCT-94
9404578	G	RA 226	.5		PCI/GM D	CU	20-OCT-94
9404578	G	TH 228	1.7	.3	PCI/GM D	CU	20-OCT-94
9404578	G	TH 232	.6	.02	PCI/GM D	CU	20-OCT-94
9404578	G	TH 234	.3	.09	PCI/GM D	CU	20-OCT-94
9404578	G	TL 208	.2	.01	PCI/GM D	CU	20-OCT-94
9404578	G	U 235	.07	.01	PCI/GM D	CU	20-OCT-94

nter analysis method code. Press list of field values key for help.
ount: *15 <List><Replace>

======== COMMENTS ========

ample #	Order	Comment	Culprit
9404578	1	SAMPLE VOLUME 3506.3 GRAMS DRY.	CU

nter a sequence number to force print order. Leave blank if not reported.
ount: *1 <Replace>

========= SAMPLE EDIT ========

Sample # 19404579 Logged by JS Last Updated By CU
Reviewed by Final Review By
Site ID 97 093A

Logged Listing Created Y Work Card or Label Created Cancelled
Marked For Review N Sample Okay
Ready to Report Reported
Priority Sample
Description:
Mail to Q00097Z Copy 1 Copy 2
Received 26-SEP-94 Completed Collected(YYMMDD HRMI) 940920 0800
Reason R ROUTINE
Name SSAN
Weight Age Sex
Base Sample # GS943841 Serial #
Collection Method G GRAB
Sample Type S SOIL
Project ID
Analyses ABG

ress <LIST> for list of initials.
ount: *1 <List><Replace>

ample #	Method	Isotope	Value	Error	Units	Culprit	Completed
9404579	G	AC 228	.7	.03	PCI/GM D	CU	20-OCT-94
9404579	G	BI 212	.5		PCI/GM D	CU	20-OCT-94
9404579	G	BI 214	.5	.03	PCI/GM D	CU	20-OCT-94
9404579	G	CS 134	.02		PCI/GM D	CU	20-OCT-94
9404579	G	CS 137	.04	.01	PCI/GM D	CU	20-OCT-94
9404579	G	K 40	15.6	.9	PCI/GM D	CU	20-OCT-94
9404579	G	PB 212	.7	.06	PCI/GM D	CU	20-OCT-94
9404579	G	PB 214	.6	.03	PCI/GM D	CU	20-OCT-94
9404579	G	RA 224	.8		PCI/GM D	CU	20-OCT-94
9404579	G	RA 226	.5		PCI/GM D	CU	20-OCT-94
9404579	G	TH 228	1.4	.3	PCI/GM D	CU	20-OCT-94
9404579	G	TH 232	.7	.03	PCI/GM D	CU	20-OCT-94
9404579	G	TH 234	.2	.1	PCI/GM D	CU	20-OCT-94
9404579	G	TL 208	.2	.02	PCI/GM D	CU	20-OCT-94
9404579	G	U 235	.09	.01	PCI/GM D	CU	20-OCT-94

nter analysis method code. Press list of field values key for help.
ount: *15 <List><Replace>

======== COMMENTS ========

ample #	Order	Comment	Culprit
9404579	1	SAMPLE VOLUME 4358.2 GRAMS DRY.	CU

nter a sequence number to force print order. Leave blank if not reported.
ount: *1 <Replace>

========= SAMPLE EDIT ========

Sample # 19404580 Logged by JS Last Updated By CU
Reviewed by Final Review By
Site ID 97 093A

Logged Listing Created Y Work Card or Label Created Cancelled
Marked For Review N Sample Okay
Ready to Report Reported
Priority Sample
Description:
Mail to Q00097Z Copy 1 Copy 2
Received 26-SEP-94 Completed Collected(YYMMDD HRMI) 940920 0800
Reason R ROUTINE
Name SSAN
Weight Age Sex
Base Sample # GS943842 Serial #
Collection Method G GRAB
Sample Type S SOIL
Project ID
Analyses ABG

ress <LIST> for list of initials.
ount: *1 <List><Replace>

ample #	Method	Isotope	Value	Error	Units	Culprit	Completed
9404580	G	AC 228	.8	.03	PCI/GM D	CU	20-OCT-94
9404580	G	BI 212	.4		PCI/GM D	CU	20-OCT-94
9404580	G	BI 214	.5	.03	PCI/GM D	CU	20-OCT-94
9404580	G	CS 134	.02		PCI/GM D	CU	20-OCT-94
9404580	G	CS 137	.02	.005	PCI/GM D	CU	20-OCT-94
9404580	G	K 40	16.2	.9	PCI/GM D	CU	20-OCT-94
9404580	G	PB 212	.7	.06	PCI/GM D	CU	20-OCT-94
9404580	G	PB 214	.6	.03	PCI/GM D	CU	20-OCT-94
9404580	G	RA 224	.7		PCI/GM D	CU	20-OCT-94
9404580	G	RA 226	.7	.4	PCI/GM D	CU	20-OCT-94
9404580	G	TH 228	1.8	.3	PCI/GM D	CU	20-OCT-94
9404580	G	TH 232	.8	.03	PCI/GM D	CU	20-OCT-94
9404580	G	TH 234	.2	.1	PCI/GM D	CU	20-OCT-94
9404580	G	TL 208	.3	.02	PCI/GM D	CU	20-OCT-94
9404580	G	U 235	.04	.02	PCI/GM D	CU	20-OCT-94

nter analysis method code. Press list of field values key for help.
ount: *15 <List><Replace>

======== COMMENTS ========

ample #	Order	Comment	Culprit
9404580	1	SAMPLE VOLUME 4444.4 GRAMS DRY.	CU

nter a sequence number to force print order. Leave blank if not reported.
ount: *1 <Replace>

========= SAMPLE EDIT ========

Sample # 19404581 Logged by JS Last Updated By CU
Reviewed by Final Review By
Site ID 97 093A

Logged Listing Created Y Work Card or Label Created Cancelled
Marked For Review N Sample Okay
Ready to Report Reported
Priority Sample
Description:
Mail to Q00097Z Copy 1 Copy 2
Received 26-SEP-94 Completed Collected(YYMMDD HRMI) 940920 0800
Reason R ROUTINE
Name SSAN
Weight Age Sex
Base Sample # GS943843 Serial #
Collection Method G GRAB
Sample Type S SOIL
Project ID
Analyses ABG

ress <LIST> for list of initials.
ount: *1 <List><Replace>

ample #	Method	Isotope	Value	Error	Units	Culprit	Completed
9404581	G	AC 228	.5	.02	PCI/GM D	CU	20-OCT-94
9404581	G	BI 212	.4		PCI/GM D	CU	20-OCT-94
9404581	G	BI 214	.4	.03	PCI/GM D	CU	20-OCT-94
9404581	G	CS 134	.02		PCI/GM D	CU	20-OCT-94
9404581	G	CS 137	.02	.005	PCI/GM D	CU	20-OCT-94
9404581	G	K 40	12.9	.8	PCI/GM D	CU	20-OCT-94
9404581	G	PB 212	.6	.04	PCI/GM D	CU	20-OCT-94
9404581	G	PB 214	.5	.02	PCI/GM D	CU	20-OCT-94
9404581	G	RA 224	.7		PCI/GM D	CU	20-OCT-94
9404581	G	RA 226	.5		PCI/GM D	CU	20-OCT-94
9404581	G	TH 228	1.5	.3	PCI/GM D	CU	20-OCT-94
9404581	G	TH 232	.5	.02	PCI/GM D	CU	20-OCT-94
9404581	G	TH 234	.2	.09	PCI/GM D	CU	20-OCT-94
9404581	G	TL 208	.2	.01	PCI/GM D	CU	20-OCT-94
9404581	G	U 235	.07	.01	PCI/GM D	CU	20-OCT-94

nter analysis method code. Press list of field values key for help.
ount: *15 <List><Replace>

======== COMMENTS ========

ample #	Order	Comment	Culprit
9404581	1	SAMPLE VOLUME 4288.7 GRAMS DRY.	CU

nter a sequence number to force print order. Leave blank if not reported.
ount: *1 <Replace>

========= SAMPLE EDIT ========

Sample # 19404582 Logged by JS Last Updated By CU
Reviewed by Final Review By
Site ID 97 093A

Logged Listing Created Y Work Card or Label Created Cancelled
Marked For Review N Sample Okay
Ready to Report Reported
Priority Sample

Description:
Mail to Q00097Z Copy 1 Copy 2
Received 26-SEP-94 Completed Collected(YYMMDD HRMI) 940920 0800
Reason R ROUTINE
Name SSAN
Weight Age Sex
Base Sample # GS943844 Serial #
Collection Method G GRAB
Sample Type S SOIL
Project ID
Analyses ABG

ress <LIST> for list of initials.
ount: *1 <List><Replace>

ample #	Method	Isotope	Value	Error	Units	Culprit	Completed
9404582	G	AC 228	.6	.03	PCI/GM D	CU	20-OCT-94
9404582	G	BI 212	.4		PCI/GM D	CU	20-OCT-94
9404582	G	BI 214	.5	.03	PCI/GM D	CU	20-OCT-94
9404582	G	CS 134	.02		PCI/GM D	CU	20-OCT-94
9404582	G	CS 137	8.1	4.9	FCI/GM D	CU	20-OCT-94
9404582	G	K 40	14.9	.9	PCI/GM D	CU	20-OCT-94
9404582	G	PB 212	.6	.05	PCI/GM D	CU	20-OCT-94
9404582	G	PB 214	.5	.03	PCI/GM D	CU	20-OCT-94
9404582	G	RA 224	.7		PCI/GM D	CU	20-OCT-94
9404582	G	RA 226	.5		PCI/GM D	CU	20-OCT-94
9404582	G	TH 228	1.7	.3	PCI/GM D	CU	20-OCT-94
9404582	G	TH 232	.6	.03	PCI/GM D	CU	20-OCT-94
9404582	G	TH 234	.2	.09	PCI/GM D	CU	20-OCT-94
9404582	G	TL 208	.2	.01	PCI/GM D	CU	20-OCT-94
9404582	G	U 235	.06	.01	PCI/GM D	CU	20-OCT-94

nter analysis method code. Press list of field values key for help.
ount: *15 <List><Replace>

======== COMMENTS ========

ample #	Order	Comment	Culprit
9404582	1	SAMPLE VOLUME 4265.1 GRAMS DRY.	CU

nter a sequence number to force print order. Leave blank if not reported.
ount: *1 <Replace>

H-81 / H-82