

NM1 - 8

**MONITORING
REPORTS**

YEAR(S):

2008-2010

1/6/2011

T-n-T Enviromental
HCR 74 Box 113
Lindrith, N.M. 87029

Oil Conservation Division
Attn: Brad Jones
1220 S. St.Francis
Santa Fe, N.M. 87505

Dear Brad Jones

Enclosed are the background lab results of cells #13 & #14 to open these cells.

Thanks

A handwritten signature in black ink, appearing to read 'Craig Schmitz', with a large, stylized flourish extending to the right.

Craig Schmitz

RECEIVED OCD
2011 JAN 11 P 2:16



December 06, 2010

CRAIG SCHMITZ
T-N-T ENVIRONMENTAL
70 OJITO ROAD
LINDRITH, NM 87029

RE: LANDFARM

Enclosed are the results of analyses for samples received by the laboratory on 12/02/10 9:30.

Cardinal Laboratories is accredited through Texas NELAP for:

Method SW-846 8021	Benzene, Toluene, Ethyl Benzene, and Total Xylenes
Method SW-846 8260	Benzene, Toluene, Ethyl Benzene, and Total Xylenes
Method TX 1005	Total Petroleum Hydrocarbons

Certificate number T104704398-08-TX. Accreditation applies to solid and chemical materials and non-potable water matrices.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene
Lab Director/Quality Manager



PHONE (575) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

Analytical Results For:

T-N-T ENVIRONMENTAL
CRAIG SCHMITZ
70 OJITO ROAD
LINDRITH NM, 87029
Fax To: (575) 774-9116

Received: 12/02/2010
Reported: 12/06/2010
Project Name: LANDFARM
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 11/29/2010
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: CELL # 14 BACKGROUND (H021437-01)

BTEX 8021B		mg/kg		Analyzed By: cms						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/03/2010	ND	2.05	103	2.00	1.31		
Toluene*	<0.050	0.050	12/03/2010	ND	2.02	101	2.00	1.36		
Ethylbenzene*	<0.050	0.050	12/03/2010	ND	2.00	100	2.00	0.995		
Total Xylenes*	<0.150	0.150	12/03/2010	ND	5.87	97.8	6.00	0.944		

Surrogate: 4-Bromofluorobenzene (PIL) 103 % 70-130

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/03/2010	ND	416	104	400	0.00		

TPH 418.1		mg/kg		Analyzed By: AB						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
TPH 418.1	<100	100	12/06/2010	ND	1040	104	1000	1.90		

Cardinal Laboratories

* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

T-N-T ENVIRONMENTAL
CRAIG SCHMITZ
70 OJITO ROAD
LINDRITH NM, 87029
Fax To: (575) 774-9116

Received: 12/02/2010
Reported: 12/06/2010
Project Name: LANDFARM
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 11/29/2010
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: CELL # 14 BACKGROUND (H021437-02)

BTX 80218		mg/kg		Analyzed By: cms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/03/2010	ND	2.05	103	2.00	1.31	
Toluene*	<0.050	0.050	12/03/2010	ND	2.02	101	2.00	1.36	
Ethylbenzene*	<0.050	0.050	12/03/2010	ND	2.00	100	2.00	0.995	
Total Xylenes*	<0.150	0.150	12/03/2010	ND	5.87	97.8	6.00	0.944	

Surrogate: 4-Bromofluorobenzene (PIL) 106 % 70-130

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	12/03/2010	ND	416	104	400	0.00	

TPH 418.1		mg/kg		Analyzed By: AB					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
TPH 418.1	<100	100	12/06/2010	ND	1040	104	1000	1.90	

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*=Accredited Analyte

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Analytical Results For:

T-N-T ENVIRONMENTAL
CRAIG SCHMITZ
70 OJITO ROAD
LINDRITH NM, 87029
Fax To: (575) 774-9116

Received: 12/02/2010
Reported: 12/06/2010
Project Name: LANDFARM
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 11/29/2010
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: CELL # 14 BACKGROUND (H021437-03)

BTX 8021B		mg/kg		Analyzed By: cms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/03/2010	ND	2.05	103	2.00	1.31	
Toluene*	<0.050	0.050	12/03/2010	ND	2.02	101	2.00	1.36	
Ethylbenzene*	<0.050	0.050	12/03/2010	ND	2.00	100	2.00	0.995	
Total Xylenes*	<0.150	0.150	12/03/2010	ND	5.87	97.8	6.00	0.944	

Surrogate: 4-Bromofluorobenzene (PIL) 107 % 70-130

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	12/03/2010	ND	416	104	400	0.00	

TPH 418.1		mg/kg		Analyzed By: AB					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
TPH 418.1	<100	100	12/06/2010	ND	1040	104	1000	1.90	

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

T-N-T ENVIRONMENTAL
CRAIG SCHMITZ
70 OJITO ROAD
LINDRITH NM, 87029
Fax To: (575) 774-9116

Received: 12/02/2010
Reported: 12/06/2010
Project Name: LANDFARM
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 11/29/2010
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: CELL # 14 BACKGROUND (H021437-04)

BTX 8021B		mg/kg		Analyzed By: cms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/03/2010	ND	2.05	103	2.00	1.31	
Toluene*	<0.050	0.050	12/03/2010	ND	2.02	101	2.00	1.36	
Ethylbenzene*	<0.050	0.050	12/03/2010	ND	2.00	100	2.00	0.995	
Total Xylenes*	<0.150	0.150	12/03/2010	ND	5.87	97.8	6.00	0.944	

Surrogate: 4-Bromofluorobenzene (PIL) 106 % 70-130

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	12/03/2010	ND	416	104	400	0.00	

TPH 418.1		mg/kg		Analyzed By: AB					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
TPH 418.1	<100	100	12/06/2010	ND	1040	104	1000	1.90	

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

T-N-T ENVIRONMENTAL
CRAIG SCHMITZ
70 OJITO ROAD
LINDRITH NM, 87029
Fax To: (575) 774-9116

Received: 12/02/2010
Reported: 12/06/2010
Project Name: LANDFARM
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 11/29/2010
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: CELL # 14 BACKGROUND (H021437-05)

BTX 80218		mg/kg		Analyzed By: cms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/03/2010	ND	2.05	103	2.00	1.31	
Toluene*	<0.050	0.050	12/03/2010	ND	2.02	101	2.00	1.36	
Ethylbenzene*	<0.050	0.050	12/03/2010	ND	2.00	100	2.00	0.995	
Total Xylenes*	<0.150	0.150	12/03/2010	ND	5.87	97.8	6.00	0.944	

Surrogate: 4-Bromofluorobenzene (PIL) 105 % 70-130

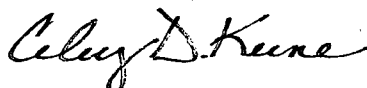
Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	12/03/2010	ND	416	104	400	0.00	

TPH 418.1		mg/kg		Analyzed By: AB					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
TPH 418.1	<100	100	12/06/2010	ND	1040	104	1000	1.90	

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Analytical Results For:

T-N-T ENVIRONMENTAL
CRAIG SCHMITZ
70 OJITO ROAD
LINDRITH NM, 87029
Fax To: (575) 774-9116

Received: 12/02/2010
Reported: 12/06/2010
Project Name: LANDFARM
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 11/29/2010
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: CELL # 14 BACKGROUND (H021437-06)

BTX 8021B		mg/kg		Analyzed By: cms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/03/2010	ND	2.05	103	2.00	1.31	
Toluene*	<0.050	0.050	12/03/2010	ND	2.02	101	2.00	1.36	
Ethylbenzene*	<0.050	0.050	12/03/2010	ND	2.00	100	2.00	0.995	
Total Xylenes*	<0.150	0.150	12/03/2010	ND	5.87	97.8	6.00	0.944	

Surrogate: 4-Bromofluorobenzene (PII) 111 % 70-130

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	12/03/2010	ND	416	104	400	0.00	

TPH 418.1		mg/kg		Analyzed By: AB					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
TPH 418.1	<100	100	12/06/2010	ND	1040	104	1000	1.90	

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

T-N-T ENVIRONMENTAL
CRAIG SCHMITZ
70 OJITO ROAD
LINDRITH NM, 87029
Fax To: (575) 774-9116

Received: 12/02/2010
Reported: 12/06/2010
Project Name: LANDFARM
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 11/29/2010
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: CELL # 14 BACKGROUND (H021437-07)

BTEX 80218

mg/kg

Analyzed By: cms

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/03/2010	ND	2.05	103	2.00	1.31	
Toluene*	<0.050	0.050	12/03/2010	ND	2.02	101	2.00	1.36	
Ethylbenzene*	<0.050	0.050	12/03/2010	ND	2.00	100	2.00	0.995	
Total Xylenes*	<0.150	0.150	12/03/2010	ND	5.87	97.8	6.00	0.944	

Surrogate: 4-Bromofluorobenzene (PIL)

111 %

70-130

Chloride, SM4500Cl-B

mg/kg

Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	12/03/2010	ND	416	104	400	0.00	

TPH 418.1

mg/kg

Analyzed By: AB

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
TPH 418.1	<100	100	12/06/2010	ND	1040	104	1000	1.90	

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

T-N-T ENVIRONMENTAL
CRAIG SCHMITZ
70 OJITO ROAD
LINDRITH NM, 87029
Fax To: (575) 774-9116

Received: 12/02/2010
Reported: 12/06/2010
Project Name: LANDFARM
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 11/29/2010
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: CELL # 14 BACKGROUND (H021437-08)

BTX 8021B		mg/kg		Analyzed By: cms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/03/2010	ND	2.05	103	2.00	1.31	
Toluene*	<0.050	0.050	12/03/2010	ND	2.02	101	2.00	1.36	
Ethylbenzene*	<0.050	0.050	12/03/2010	ND	2.00	100	2.00	0.995	
Total Xylenes*	<0.150	0.150	12/03/2010	ND	5.87	97.8	6.00	0.944	

Surrogate: 4-Bromofluorobenzene (PIL) 107 % 70-130

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	12/03/2010	ND	416	104	400	0.00	

TPH 418.1		mg/kg		Analyzed By: AB					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
TPH 418.1	<100	100	12/06/2010	ND	1040	104	1000	1.90	

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Analytical Results For:

T-N-T ENVIRONMENTAL
CRAIG SCHMITZ
70 OJITO ROAD
LINDRITH NM, 87029
Fax To: (575) 774-9116

Received: 12/02/2010
Reported: 12/06/2010
Project Name: LANDFARM
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 11/29/2010
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: CELL # 14 BACKGROUND (H021437-09)
BTEX 80218

mg/kg

Analyzed By: CK

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/06/2010	ND	2.05	103	2.00	1.31	
Toluene*	<0.050	0.050	12/06/2010	ND	2.02	101	2.00	1.36	
Ethylbenzene*	<0.050	0.050	12/06/2010	ND	2.00	100	2.00	0.995	
Total Xylenes*	<0.150	0.150	12/06/2010	ND	5.87	97.8	6.00	0.944	

Surrogate: 4-Bromofluorobenzene (PIL) 105 % 70-130

Chloride, SM4500Cl-B

mg/kg

Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	12/03/2010	ND	416	104	400	0.00	

TPH 418.1

mg/kg

Analyzed By: AB

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
TPH 418.1	<100	100	12/06/2010	ND	1040	104	1000	1.90	

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Analytical Results For:

T-N-T ENVIRONMENTAL
CRAIG SCHMITZ
70 OJITO ROAD
LINDRITH NM, 87029
Fax To: (575) 774-9116

Received: 12/02/2010
Reported: 12/06/2010
Project Name: LANDFARM
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 11/29/2010
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: CELL # 14 BACKGROUND (H021437-10)

BTX 8021B		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/06/2010	ND	2.05	103	2.00	1.31	
Toluene*	<0.050	0.050	12/06/2010	ND	2.02	101	2.00	1.36	
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Total Xylenes*	<0.150	0.150	12/06/2010	ND	5.87	97.8	6.00	0.944	

Surrogate: 4-Bromofluorobenzene (PIL) 104 % 70-130

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	12/03/2010	ND	416	104	400	0.00	

TPH 418.1		mg/kg		Analyzed By: AB					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
TPH 418.1	<100	100	12/06/2010	ND	1040	104	1000	1.90	

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

T-N-T ENVIRONMENTAL
CRAIG SCHMITZ
70 OJITO ROAD
LINDRITH NM, 87029
Fax To: (575) 774-9116

Received: 12/02/2010
Reported: 12/06/2010
Project Name: LANDFARM
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 11/29/2010
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: CELL # 14 BACKGROUND (H021437-11)

BTX 8021B		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/06/2010	ND	2.05	103	2.00	1.31	
Toluene*	<0.050	0.050	12/06/2010	ND	2.02	101	2.00	1.36	
Ethylbenzene*	<0.050	0.050	12/06/2010	ND	2.00	100	2.00	0.995	
Total Xylenes*	<0.150	0.150	12/06/2010	ND	5.87	97.8	6.00	0.944	

Surrogate: 4-Bromofluorobenzene (PII) 104 % 70-130

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	12/03/2010	ND	416	104	400	0.00	

TPH 418.1		mg/kg		Analyzed By: AB					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
TPH 418.1	<100	100	12/06/2010	ND	1040	104	1000	1.90	

Cardinal Laboratories

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

T-N-T ENVIRONMENTAL
CRAIG SCHMITZ
70 OJITO ROAD
LINDRITH NM, 87029
Fax To: (575) 774-9116

Received: 12/02/2010
Reported: 12/06/2010
Project Name: LANDFARM
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 11/29/2010
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: CELL # 14 BACKGROUND (H021437-12)

BTX 8021B		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/06/2010	ND	2.05	103	2.00	1.31	
Toluene*	<0.050	0.050	12/06/2010	ND	2.02	101	2.00	1.36	
Ethylbenzene*	<0.050	0.050	12/06/2010	ND	2.00	100	2.00	0.995	
Total Xylenes*	<0.150	0.150	12/06/2010	ND	5.87	97.8	6.00	0.944	

Surrogate: 4-Bromofluorobenzene (PIL) 102 % 70-130

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	12/03/2010	ND	416	104	400	0.00	

TPH 418.1		mg/kg		Analyzed By: AB					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
TPH 418.1	<100	100	12/06/2010	ND	1040	104	1000	1.90	

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

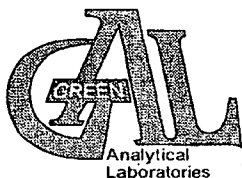
Cardinal Laboratories

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Celey D. Keene, Lab Director/Quality Manager



CHAIN OF CUSTODY RECORD

Page ____ of ____

Client: T-N-T ENVIRONMENTAL INC.Contact: CRAIG SCHMITZAddress: HCR 74 #70Phone Number: 505-320-2130FAX Number: 575-774-9116

NOTES:

- 1) Ensure proper container packaging.
- 2) Ship samples promptly following collection.
- 3) Designate Sample Reject Disposition.

PO#

Project Name: LAND FARM

Table 1. - Matrix Type

1 = Surface Water, 2 = Ground Water
3 = Soil/Sediment, 4 = Rinsate, 5 = Oil
6 = Waste, 7 = Other (Specify) _____

FOR GAL USE ONLY

GALJOB # _____

Samplers Signature: [Signature]

Lab Name: Green Analytical Laboratories (970) 247-4220 FAX (970) 247-4227		Analyses Required										Comments					
Address: 75 Suttle Street, Durango, CO 81303																	
Sample ID	Collection		Miscellaneous			Preservative(s)											
	Date	Time	Collected by: (Init.)	Matrix Type From Table 1	No. of Containers	Sample Filtered ? Y/N	Unpreserved (Ice Only)	HNO ₃	HCL	H ₂ SO ₄	NAOH	Other (Specify)					
H21437 - CELL 14 BACK GROUND	11/29/10		TLS	3	12	N	✓						✓ T.P.H. METHOD 418.1 ✓ BTEX 846/802.13 ✓ CHLORIDES	Lab # 1012-005			
2.																	
3.																	
4.																	
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	
Relinquished by: <u>[Signature]</u>			Date: <u>12/1/10</u>			Time: <u>12:55</u>			Received by: <u>[Signature]</u>			Date: <u>12/1/10</u>			Time: <u>12:55</u>		
Relinquished by: <u>[Signature]</u>			Date: <u>12/1/10</u>			Time: <u>12:55</u>			Received by: <u>[Signature]</u>			Date: <u>12/2/10</u>			Time: <u>9:30</u>		

* Sample Reject: | | Return | | Dispose | | Store (30 Days)

2.5°C #26



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

Company Name: <u>T-N-T Environmental</u>				BILL TO				ANALYSIS REQUEST															
Project Manager:				P.O. #:				TPH 418.1 BTEX CL-															
Address:				Company:																			
City:		State:		Zip:		Attn:																	
Phone #:		Fax #:		Address:																			
Project #:		Project Owner:		City:																			
Project Name:				State:																Zip:			
Project Location:				Phone #:																			
Sampler Name:				Fax #:																			
FOR LAB USE ONLY																							
Lab I.D.		Sample I.D.		GIRAB OR (C)OMP.		# CONTAINERS		MATRIX		PRESERV		SAMPLING											
								GROUNDWATER															
								WASTEWATER															
								SOIL															
								OIL															
								SLUDGE															
								OTHER:															
								ACID/BASE:															
								ICE / COOL															
								OTHER:															
										DATE		TIME											
H21437-11		Cell #14 Background		1		1						11/29/10		1									
-12		Cell #14 Background		1		1								1									

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Relinquished By:		Date: <u>12/2/10</u>		Received By:		Phone Result: ☐ Yes ☐ No		Add'l Phone #:	
		Time: <u>4:30</u>		<u>Jodi Benson</u>		Fax Result: ☐ Yes ☐ No		Add'l Fax #:	
Relinquished By:		Date:		Received By:		REMARKS:			
		Time:							
Delivered By: (Circle One)				Sample Condition		CHECKED BY:			
Sampler - UPS - Bus - Other:				Cool ☒ Intact ☒		(Initials)			
				Yes ☒ No ☐		<u>[Signature]</u>			

† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

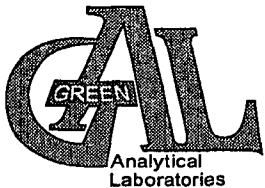
Company Name: T-N-T Environmental		BILL TO		ANALYSIS REQUEST																						
Project Manager:		P.O. #:																								
Address:		Company:																								
City: State: Zip:		Attn:																								
Phone #: Fax #:		Address:																								
Project #: Project Owner:		City:																								
Project Name:		State: Zip:																								
Project Location:		Phone #:																								
Sampler Name:		Fax #:																								
FOR LAB USE ONLY	Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP. # CONTAINERS	MATRIX				PRESERV.		SAMPLING																
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER	ACID/BASE	ICE / COOL	OTHER	DATE	TIME												
	H21437-11	Cell # 14 Background	1			1							11/29/10		TPH 418.1											
	-12	Cell # 14 Background	1			1									BTEX											
															CL-											

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Relinquished By:	Date: 12/2/10	Received By: Jodi Benson	Phone Result: ☐ Yes ☐ No	Add'l Phone #:
	Time: 4:30		Fax Result: ☐ Yes ☐ No	Add'l Fax #:
Relinquished By:	Date:	Received By:	REMARKS:	
	Time:			
Delivered By: (Circle One)	Sample Condition	CHECKED BY: (Initials)		
Sampler - UPS - Bus - Other:	Cool ☒ Yes ☐ No Intact ☒ Yes ☐ No	2.50		

† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476.

26



CHAIN OF CUSTODY RECORD

Page ____ of ____

Client: T-N-T ENVIRONMENTAL INC.

NOTES:

Contact: CRAIG SCHMITZ

1) Ensure proper container packaging.

Address: HCR 74 #70

2) Ship samples promptly following collection.

3) Designate Sample Reject Disposition.

Phone Number: 505-320-2130

PO#

FAX Number: 575-774-9116

Project Name: LAND FARM

Table 1. - Matrix Type	
1 = Surface Water, 2 = Ground Water	
3 = Soil/Sediment, 4 = Rinsate, 5 = Oil	
6 = Waste, 7 = Other (Specify) _____	

FOR GAL USE ONLY

GAL JOB # _____

Samplers Signature: [Signature]

Lab Name: Green Analytical Laboratories		(970) 247-4220		FAX (970) 247-4227		Analyses Required										Comments				
Address: 75 Suttle Street, Durango, CO 81303																				
Sample ID	Collection		Miscellaneous				Preservative(s)													
	Date	Time	Collected by: (Init.)	Matrix Type From Table 1	No. of Containers	Sample Filtered ? Y/N	Unpreserved (Ice Only)	HNO3	HCL	H2SO4	NAOH	Other (Specify)								
H21437 - CELL #14 GROUND	11/29/10		TLS	3	12	N	✓						✓	✓	✓		Lab # 1012-005			
2.																				
3.																				
4.																				
5.																				
6.																				
7.																				
8.																				
9.																				
10.																				
Relinquished by: <u>[Signature]</u>			Date: <u>12/1/10</u>	Time: <u>12:55</u>	Received by: <u>[Signature]</u>			Date: <u>12/1/10</u>	Time: <u>12:55</u>	Relinquished by: <u>[Signature]</u>			Date: <u>12/2/10</u>	Time: <u>9:30</u>						
Relinquished by: <u>[Signature]</u>			Date: <u>12/1/10</u>	Time: <u>12:55</u>	Received by: <u>[Signature]</u>			Date: <u>12/2/10</u>	Time: <u>9:30</u>											

* Sample Reject: [] Return [] Dispose [] Store (30 Days)

2.5°C #26



PHONE (575) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

December 06, 2010

CRAIG SCHMITZ
T-N-T ENVIRONMENTAL
70 OJITO ROAD
LINDRITH, NM 87029

RE: LANDFARM

Enclosed are the results of analyses for samples received by the laboratory on 12/02/10 9:30.

Cardinal Laboratories is accredited through Texas NELAP for:

Method SW-846 8021	Benzene, Toluene, Ethyl Benzene, and Total Xylenes
Method SW-846 8260	Benzene, Toluene, Ethyl Benzene, and Total Xylenes
Method TX 1005	Total Petroleum Hydrocarbons

Certificate number T104704398-08-TX. Accreditation applies to solid and chemical materials and non-potable water matrices.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene
Lab Director/Quality Manager

Analytical Results For:

T-N-T ENVIRONMENTAL
CRAIG SCHMITZ
70 OJITO ROAD
LINDRITH NM, 87029
Fax To: (575) 774-9116

Received: 12/02/2010
Reported: 12/06/2010
Project Name: LANDFARM
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 11/29/2010
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: CELL #13 BACKGROUND (H021436-01)
BTEX 8021B
mg/kg
Analyzed By: cms

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/03/2010	ND	1.76	88.0	2.00	12.3	
Toluene*	<0.050	0.050	12/03/2010	ND	1.76	87.9	2.00	11.6	
Ethylbenzene*	<0.050	0.050	12/03/2010	ND	1.73	86.4	2.00	13.0	
Total Xylenes*	<0.150	0.150	12/03/2010	ND	5.06	84.4	6.00	13.3	

Surrogate: 4-Bromofluorobenzene (PIL) 101 % 70-130

Chloride, SM4500Cl-B
mg/kg
Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	12/03/2010	ND	432	108	400	0.00	

TPH 418.1
mg/kg
Analyzed By: AB

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
TPH 418.1	<100	100	12/03/2010	ND	1170	103	1140	1.69	

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

T-N-T ENVIRONMENTAL
CRAIG SCHMITZ
70 OJITO ROAD
LINDRITH NM, 87029
Fax To: (575) 774-9116

Received: 12/02/2010
Reported: 12/06/2010
Project Name: LANDFARM
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 11/29/2010
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: CELL #13 BACKGROUND (H021436-02)

BTX 8021B		mg/kg		Analyzed By: cms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/03/2010	ND	1.76	88.0	2.00	12.3	
Toluene*	<0.050	0.050	12/03/2010	ND	1.76	87.9	2.00	11.6	
Ethylbenzene*	<0.050	0.050	12/03/2010	ND	1.73	86.4	2.00	13.0	
Total Xylenes*	<0.150	0.150	12/03/2010	ND	5.06	84.4	6.00	13.3	

Surrogate: 4-Bromofluorobenzene (PIL) 105 % 70-130

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	12/03/2010	ND	432	108	400	0.00	

TPH 418.1		mg/kg		Analyzed By: AB					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
TPH 418.1	<100	100	12/03/2010	ND	1170	103	1140	1.69	

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 T-N-T ENVIRONMENTAL
 CRAIG SCHMITZ
 70 OJITO ROAD
 LINDRITH NM, 87029
 Fax To: (575) 774-9116

 Received: 12/02/2010
 Reported: 12/06/2010
 Project Name: LANDFARM
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

 Sampling Date: 11/29/2010
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: CELL #13 BACKGROUND (H021436-03)

BTX 8021B		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/06/2010	ND	1.76	88.0	2.00	12.3	
Toluene*	<0.050	0.050	12/06/2010	ND	1.76	87.9	2.00	11.6	
Ethylbenzene*	<0.050	0.050	12/06/2010	ND	1.73	86.4	2.00	13.0	
Total Xylenes*	<0.150	0.150	12/06/2010	ND	5.06	84.4	6.00	13.3	

Surrogate: 4-Bromofluorobenzene (PII) 105 % 70-130

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	12/03/2010	ND	432	108	400	0.00	

TPH 418.1		mg/kg		Analyzed By: AB					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
TPH 418.1	<100	100	12/03/2010	ND	1170	103	1140	1.69	

Cardinal Laboratories

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

T-N-T ENVIRONMENTAL
CRAIG SCHMITZ
70 OJITO ROAD
LINDRITH NM, 87029
Fax To: (575) 774-9116

Received: 12/02/2010
Reported: 12/06/2010
Project Name: LANDFARM
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 11/29/2010
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: CELL #13 BACKGROUND (H021436-04)

BTX 8021B		mg/kg		Analyzed By: cms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/03/2010	ND	1.76	88.0	2.00	12.3	
Toluene*	<0.050	0.050	12/03/2010	ND	1.76	87.9	2.00	11.6	
Ethylbenzene*	<0.050	0.050	12/03/2010	ND	1.73	86.4	2.00	13.0	
Total Xylenes*	<0.150	0.150	12/03/2010	ND	5.06	84.4	6.00	13.3	

Surrogate: 4-Bromofluorobenzene (PIL) 105 % 70-130

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	12/03/2010	ND	432	108	400	0.00	

TPH 418.1		mg/kg		Analyzed By: AB					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
TPH 418.1	<100	100	12/03/2010	ND	1170	103	1140	1.69	

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

T-N-T ENVIRONMENTAL
CRAIG SCHMITZ
70 OJITO ROAD
LINDRITH NM, 87029
Fax To: (575) 774-9116

Received: 12/02/2010
Reported: 12/06/2010
Project Name: LANDFARM
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 11/29/2010
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: CELL #13 BACKGROUND (H021436-05)

BTX 8021B		mg/kg	Analyzed By: cms						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/03/2010	ND	1.76	88.0	2.00	12.3	
Toluene*	<0.050	0.050	12/03/2010	ND	1.76	87.9	2.00	11.6	
Ethylbenzene*	<0.050	0.050	12/03/2010	ND	1.73	86.4	2.00	13.0	
Total Xylenes*	<0.150	0.150	12/03/2010	ND	5.06	84.4	6.00	13.3	

Surrogate: 4-Bromofluorobenzene (PIL) 102 % 70-130

Chloride, SM4500Cl-B		mg/kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	12/03/2010	ND	432	108	400	0.00	

TPH 418.1		mg/kg	Analyzed By: AB						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
TPH 418.1	<100	100	12/03/2010	ND	1170	103	1140	1.69	

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

T-N-T ENVIRONMENTAL
CRAIG SCHMITZ
70 OJITO ROAD
LINDRITH NM, 87029
Fax To: (575) 774-9116

Received: 12/02/2010
Reported: 12/06/2010
Project Name: LANDFARM
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 11/29/2010
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: CELL #13 BACKGROUND (H021436-06)
BTEX 8021B

mg/kg

Analyzed By: cms

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/03/2010	ND	1.76	88.0	2.00	12.3	
Toluene*	<0.050	0.050	12/03/2010	ND	1.76	87.9	2.00	11.6	
Ethylbenzene*	<0.050	0.050	12/03/2010	ND	1.73	86.4	2.00	13.0	
Total Xylenes*	<0.150	0.150	12/03/2010	ND	5.06	84.4	6.00	13.3	

Surrogate: 4-Bromofluorobenzene (PIL) 103 % 70-130

Chloride, SM4500Cl-B

mg/kg

Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	12/03/2010	ND	432	108	400	0.00	

TPH 418.1

mg/kg

Analyzed By: AB

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
TPH 418.1	<100	100	12/03/2010	ND	1170	103	1140	1.69	

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

T-N-T ENVIRONMENTAL
CRAIG SCHMITZ
70 OJITO ROAD
LINDRITH NM, 87029
Fax To: (575) 774-9116

Received: 12/02/2010
Reported: 12/06/2010
Project Name: LANDFARM
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 11/29/2010
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: CELL #13 BACKGROUND (H021436-07)**BTEX 8021B****mg/kg****Analyzed By: cms**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/03/2010	ND	1.76	88.0	2.00	12.3	
Toluene*	<0.050	0.050	12/03/2010	ND	1.76	87.9	2.00	11.6	
Ethylbenzene*	<0.050	0.050	12/03/2010	ND	1.73	86.4	2.00	13.0	
Total Xylenes*	<0.150	0.150	12/03/2010	ND	5.06	84.4	6.00	13.3	

Surrogate: 4-Bromofluorobenzene (PIL) 105 % 70-130

Chloride, SM4500Cl-B**mg/kg****Analyzed By: HM**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	12/03/2010	ND	432	108	400	0.00	

TPH 418.1**mg/kg****Analyzed By: AB**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
TPH 418.1	<100	100	12/03/2010	ND	1170	103	1140	1.69	

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Analytical Results For:

T-N-T ENVIRONMENTAL
CRAIG SCHMITZ
70 OJITO ROAD
LINDRITH NM, 87029
Fax To: (575) 774-9116

Received: 12/02/2010
Reported: 12/06/2010
Project Name: LANDFARM
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 11/29/2010
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: CELL #13 BACKGROUND (H021436-08)

BTX 8021B		mg/kg		Analyzed By: cms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/03/2010	ND	1.76	88.0	2.00	12.3	
Toluene*	<0.050	0.050	12/03/2010	ND	1.76	87.9	2.00	11.6	
Ethylbenzene*	<0.050	0.050	12/03/2010	ND	1.73	86.4	2.00	13.0	
Total Xylenes*	<0.150	0.150	12/03/2010	ND	5.06	84.4	6.00	13.3	

Surrogate: 4-Bromofluorobenzene (PIL) 105 % 70-130

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	12/03/2010	ND	432	108	400	0.00	

TPH 418.1		mg/kg		Analyzed By: AB					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
TPH 418.1	<100	100	12/03/2010	ND	1170	103	1140	1.69	

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Analytical Results For:

 T-N-T ENVIRONMENTAL
 CRAIG SCHMITZ
 70 OJITO ROAD
 LINDRITH NM, 87029
 Fax To: (575) 774-9116

 Received: 12/02/2010
 Reported: 12/06/2010
 Project Name: LANDFARM
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

 Sampling Date: 11/29/2010
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: CELL #13 BACKGROUND (H021436-09)
BTEX 80218
mg/kg
Analyzed By: cms

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/03/2010	ND	1.76	88.0	2.00	12.3	
Toluene*	<0.050	0.050	12/03/2010	ND	1.76	87.9	2.00	11.6	
Ethylbenzene*	<0.050	0.050	12/03/2010	ND	1.73	86.4	2.00	13.0	
Total Xylenes*	<0.150	0.150	12/03/2010	ND	5.06	84.4	6.00	13.3	

Surrogate: 4-Bromofluorobenzene (PIL) 98.8 % 70-130

Chloride, SM4500Cl-B
mg/kg
Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	12/03/2010	ND	432	108	400	0.00	

TPH 418.1
mg/kg
Analyzed By: AB

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
TPH 418.1	<100	100	12/03/2010	ND	1170	103	1140	1.69	

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Analytical Results For:

T-N-T ENVIRONMENTAL
CRAIG SCHMITZ
70 OJITO ROAD
LINDRITH NM, 87029
Fax To: (575) 774-9116

Received: 12/02/2010
Reported: 12/06/2010
Project Name: LANDFARM
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 11/29/2010
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: CELL #13 BACKGROUND (H021436-10)

BTX 8021B		mg/kg		Analyzed By: cms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/03/2010	ND	1.76	88.0	2.00	12.3	
Toluene*	<0.050	0.050	12/03/2010	ND	1.76	87.9	2.00	11.6	
Ethylbenzene*	<0.050	0.050	12/03/2010	ND	1.73	86.4	2.00	13.0	
Total Xylenes*	<0.150	0.150	12/03/2010	ND	5.06	84.4	6.00	13.3	

Surrogate: 4-Bromofluorobenzene (PIL) 101 % 70-130

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	12/03/2010	ND	432	108	400	0.00	

TPH 418.1		mg/kg		Analyzed By: AB					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
TPH 418.1	<100	100	12/03/2010	ND	1170	103	1140	1.69	

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Analytical Results For:

T-N-T ENVIRONMENTAL
CRAIG SCHMITZ
70 OJITO ROAD
LINDRITH NM, 87029
Fax To: (575) 774-9116

Received: 12/02/2010
Reported: 12/06/2010
Project Name: LANDFARM
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 11/29/2010
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: CELL #13 BACKGROUND (H021436-11)

BTX 8021B		mg/kg		Analyzed By: cms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/03/2010	ND	2.05	103	2.00	1.31	
Toluene*	<0.050	0.050	12/03/2010	ND	2.02	101	2.00	1.36	
Ethylbenzene*	<0.050	0.050	12/03/2010	ND	2.00	100	2.00	0.995	
Total Xylenes*	<0.150	0.150	12/03/2010	ND	5.87	97.8	6.00	0.944	

Surrogate: 4-Bromofluorobenzene (PIL) 105 % 70-130

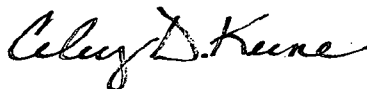
Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	12/03/2010	ND	432	108	400	0.00	

TPH 418.1		mg/kg		Analyzed By: AB					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
TPH 418.1	<100	100	12/03/2010	ND	1170	103	1140	1.69	

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

T-N-T ENVIRONMENTAL
CRAIG SCHMITZ
70 OJITO ROAD
LINDRITH NM, 87029
Fax To: (575) 774-9116

Received: 12/02/2010
Reported: 12/06/2010
Project Name: LANDFARM
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 11/29/2010
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: CELL #13 BACKGROUND (H021436-12)
BTEX 8021B
mg/kg
Analyzed By: cms

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/03/2010	ND	2.05	103	2.00	1.31	
Toluene*	<0.050	0.050	12/03/2010	ND	2.02	101	2.00	1.36	
Ethylbenzene*	<0.050	0.050	12/03/2010	ND	2.00	100	2.00	0.995	
Total Xylenes*	<0.150	0.150	12/03/2010	ND	5.87	97.8	6.00	0.944	

Surrogate: 4-Bromofluorobenzene (PIL) 104 % 70-130

Chloride, SM4500Cl-B
mg/kg
Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	12/03/2010	ND	432	108	400	0.00	

TPH 418.1
mg/kg
Analyzed By: AB

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
TPH 418.1	<100	100	12/03/2010	ND	1170	103	1140	1.69	

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Celey D. Keene, Lab Director/Quality Manager

Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene, Lab Director/Quality Manager



CHAIN OF CUSTODY RECORD

Page 1 of 01Client: T-N-T ENVIRONMENTAL INC. NOTES:Contact: CRAIG SCHMITZAddress: HCR 74 *70LINDSEITH NM. 87029Phone Number: 505-320-2130FAX Number: 575-774-9116

- 1) Ensure proper container packaging.
- 2) Ship samples promptly following collection.
- 3) Designate Sample Reject Disposition.

PO#

Project Name: LAND FARM

Table 1. - Matrix Type

1 = Surface Water, 2 = Ground Water
3 = Soil/Sediment, 4 = Rinsate, 5 = Oil
6 = Waste, 7 = Other (Specify) _____

FOR GAL USE ONLY

GAL JOB #

Samplers Signature: [Signature]

Lab Name: Green Analytical Laboratories (970) 247-4220 FAX (970) 247-4227		Analyses Required										Comments		
Address: 75 Suttle Street, Durango, CO 81303		Collection			Miscellaneous			Preservative(s)						
Sample ID	Date	Time	Collected by: (Init.)	Matrix Type From Table 1	No. of Containers	Sample Filtered ? Y/N	Unpreserved (Ice Only)	HNO3	HCL	H2SO4	NAOH		Other (Specify)	
H21436 1. CELL 13 BACK GROUND	11/29/10		TLS	3	12	N	✓						T.P.H. MENDED 418.1 BTX SW-846/30215 CLORIDES	Lab # 1012-C05
2. BACKGROUND														
3.														
4.														
5.														
6.														
7.														
8.														
9.														
10.														
Relinquished by: <u>[Signature]</u>			Date: <u>12/1/10</u>		Time: <u>12:55</u>		Received by: <u>Christy Clark</u>		Date: <u>12/1/10</u>		Time: <u>12:55</u>			
Relinquished by: <u>[Signature]</u>			Date: <u>12/1/10</u>		Time: <u>12:55</u>		Received by: <u>Godi Benson</u>		Date: <u>12/2/10</u>		Time: <u>9:30</u>			

* Sample Reject: [] Return [] Dispose [] Store (30 Days)

2.5°C #26



101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

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Relinquished By:		Date: 12/2/10 Time: 9:30	Received By: <i>Jodi Henson</i>		Phone Result: ☐ Yes ☐ No	Add'l Phone #:
Relinquished By:		Date: Time:	Received By:		Fax Result: ☐ Yes ☐ No	Add'l Fax #:
Delivered By: (Circle One) Sampler - UPS - Bus - Other:			Sample Condition Cool Intact ☐ Yes ☐ No ☐ Yes ☐ No	CHECKED BY: (Initials) <i>SH</i>	REMARKS:	

† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476



CHAIN OF CUSTODY RECORD

Page 1 of 21

Client: T-N-T ENVIRONMENTAL INC. NOTES:

Contact: CRAIG SCHMITZ

Address: HCR 74 #70

LINDRITH NM. 87029

Phone Number: 505-320-2130

FAX Number: 575-774-9116

1) Ensure proper container packaging.

2) Ship samples promptly following collection.

3) Designate Sample Reject Disposition.

PO#

Project Name: LAND FARM

Table 1. - Matrix Type

1 = Surface Water, 2 = Ground Water

3 = Soil/Sediment, 4 = Rinsate, 5 = Oil

6 = Waste, 7 = Other (Specify) _____

FOR GAL USE ONLY

GAL JOB #

Samplers Signature: Jay [Signature]

Lab Name: Green Analytical Laboratories (970) 247-4220 FAX (970) 247-4227										Analyses Required										Comments	
Address: 75 Suttle Street, Durango, CO 81303																					
Sample ID	Collection		Collected by: (Init.)	Miscellaneous			Preservative(s)						T.P.H. Method 418.1	BTEX SW-846/80215	CLORIDES						
	Date	Time		Matrix Type From Table 1	No. of Containers	Sample Filtered ? Y/N	Unpreserved (Ice Only)	HNO3	HCL	H2SO4	NAOH	Other (Specify)									
H21436																					
1. CELL 13 BACK	11/29/10		TLS	3	12	N	✓						✓	✓	✓						Lab # 1012-005
2. BACKGROUND																					
3.																					
4.																					
5.																					
6.																					
7.																					
8.																					
9.																					
10.																					
Relinquished by: <u>[Signature]</u>			Date: <u>12/1/10</u>			Time: <u>12:55</u>			Received by: <u>[Signature]</u>			Date: <u>12/1/10</u>			Time: <u>12:55</u>						
Relinquished by: <u>[Signature]</u>			Date: <u>12/1/10</u>			Time: <u>12:55</u>			Received by: <u>[Signature]</u>			Date: <u>12/2/10</u>			Time: <u>9:30</u>						

* Sample Reject: [] Return [] Dispose [] Store (30 Days)

2.5°C #26



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

[illegible]

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Relinquished By:		Date: 12/2/10	Received By: Jodi Henson	Phone Result: ☐ Yes ☐ No	Add'l Phone #:
		Time: 9:30		Fax Result: ☐ Yes ☐ No	Add'l Fax #:
Relinquished By:		Date:	Received By:	REMARKS:	
		Time:			
Delivered By: (Circle One)		Sample Condition		CHECKED BY:	
Sampler - UPS - Bus - Other:		Cool Intact Yes No Yes No 2.50		(Initials) JH	

† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476

#26

T-n-T Environmental, Inc.
HCR 74 Box 113
Lindrieth, NM 87029

RECEIVED OCD

5/14/10

2010 MAY 17 P 1:07

Oil Conservation Division
Attn: Brad Jones
1220 S. St. Francis
Santa Fe, NM 87505

Dear Brad Jones,

After lots of studying between our 711 permit and the newer part 36 rules, I think we have found out what we need to be doing. As for the Vadoze Zone monitoring which was called Treatment Zone in the 711 permit, we will be testing as to the NMOCD letter dated June 17, 2005, which I have included with this letter. We will be sampling and sending test results as follows.

As per 711 permit

Quarterly Vadoze Zone monitoring for TPH, BTEX, & Chlorides

Due on:

May 31st

August 31st

November 31st

Annual Vadoze Zone monitoring for major Cations and Anions

Due on:

November 30th

Annual report on leak detection sumps and monitoring wells

Due on:

May 31st

As per part 36 rules

Semi-annual treatment zone monitoring for TPH, BTEX and Chloride

Due on:

May 31st

November 30th

We have got one question about the treatment zone monitoring test. If we are not adding any more soil to a cell and we clear on the BTEX and Chlorides, but our TPH is still too high to clear for another lift, do we still need to test for BTEX and Chlorides?

I'm also including updated maps of the land farm and evaporation ponds. We added two new cells #13 and #14 to the land farm and have included the back ground test for them. We have also had 2 cells #1 and #3 test under 100ppm TPH and are asking approval to clear these cells and add another lift to these cells.

Craig Schmitz



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON

Governor

Joanna Prukop

Cabinet Secretary

Mark E. Fesmire, P.E.

Director

Oil Conservation Division

June 17, 2005

DISPOSAL PIT REPORTING

ANNUAL MONITOR WELL REPORTS

DUE JULY 6TH

Mr. Tony Lee Schmitz
T-N-T Environmental, Inc.
HCR 74, Box 113
Lindrieth, NM 87029

Dear Mr. Schmitz:

The New Mexico Oil Conservation Division (NMOCD) has received your letter dated May 2, 2005 which requests that T-N-T Environmental, Inc. (TNT) be allowed to sample the monitoring zone in the landfarm annually instead of quarterly. This request is denied.

As an alternative, TNT will be allowed to sample according to the following schedule:

April 30 of each year
July 31 of each year
October 31 of each year

Sample for TPH and BTEX
Sample for TPH and BTEX
Sample for TPH, BTEX, major cations and anions

The sampling reports are to be submitted to the NMOCD Santa Fe office not later than the dates shown below:

Four months ended April 30
Four months ended July 31
Four months ended October 31

Report due by May 31
Report due by August 31
Report due by November 30

If you have any questions, contact me at (505) 476-3492 or ed.martin@state.nm.us

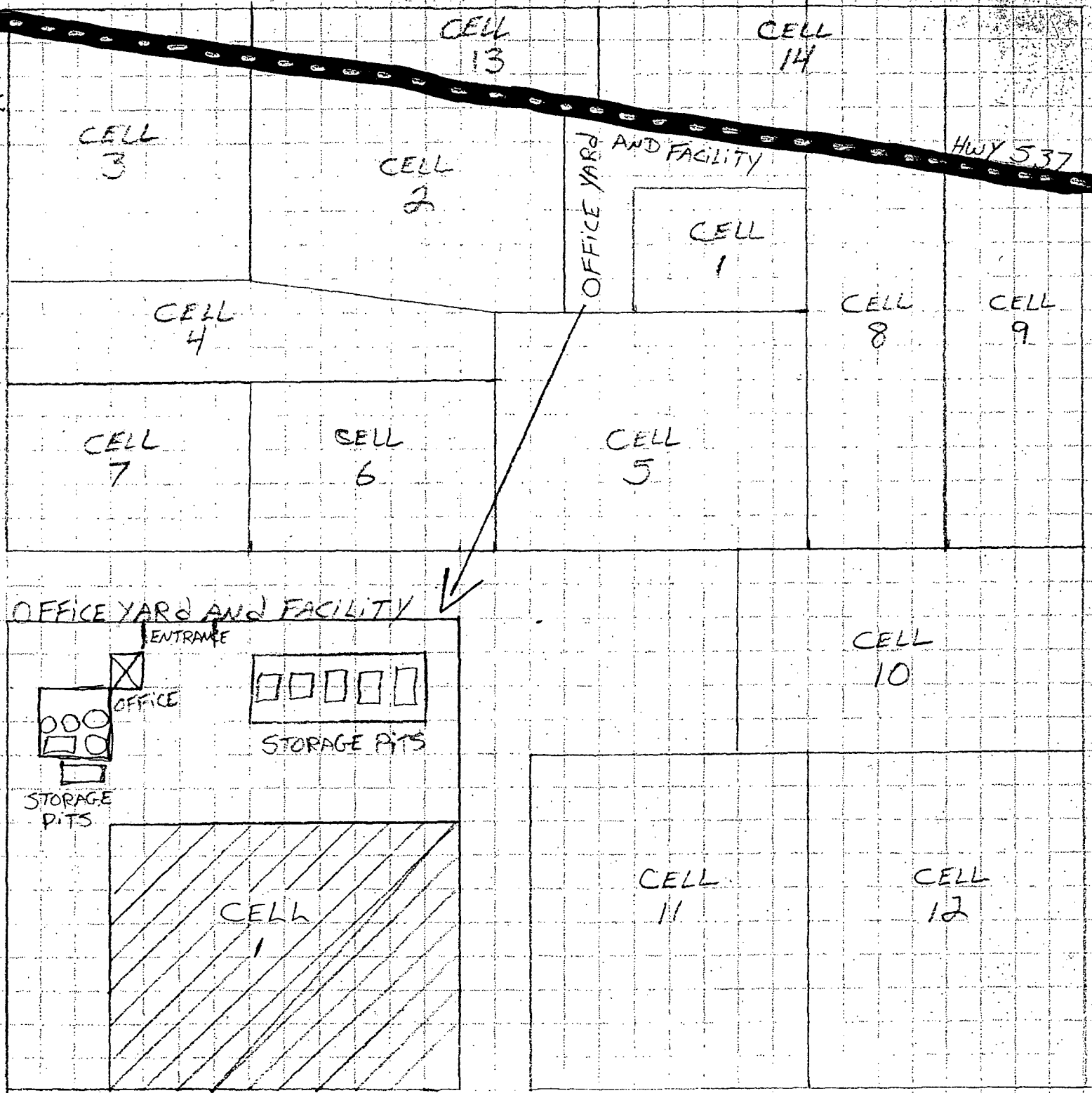
NEW MEXICO OIL CONSERVATION DIVISION

Edwin E. Martin
Environmental Bureau

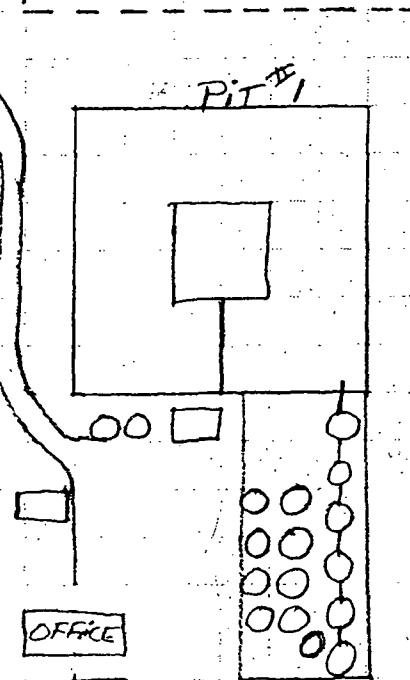
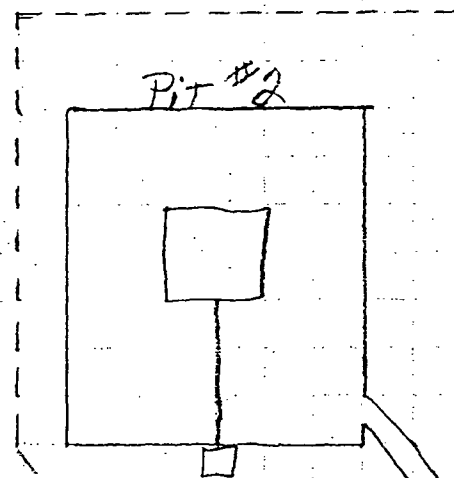
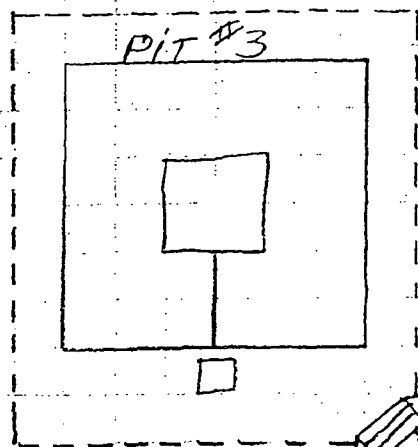
Cc: NMOCD, Aztec

TENT ENVIRONMENTAL INC
70.05 TO RD
LINDRITH NM 87029

HAND FARM MAP
PERMIT NM-01-0008
SEC. 5 & 8 T25N R3W



DATE 2010



DATE 2010

TNT ENVIRONMENTAL INC.
70 OJITO RD
LINDRITH N.M. 87029

WATER TREATMENT FACILITY MAP
PERMIT # N.M-01-0008
SEC 7&8 T-25-N R-3-W

OFFICE

STORAGE

RECEIVING AREA

PIPE STORAGE YARD

INDEX

1, 2, 6 = WATER SEPERATING TANKS

7 THRU 11 = OIL STORAGE TANKS

12 = OIL WASHING TANK

13 & 14 = OIL TREATMENT TANKS

15 = OIL SKIMMER TANK

16 = CHEMICAL SHED / BIO SX & CLORITE

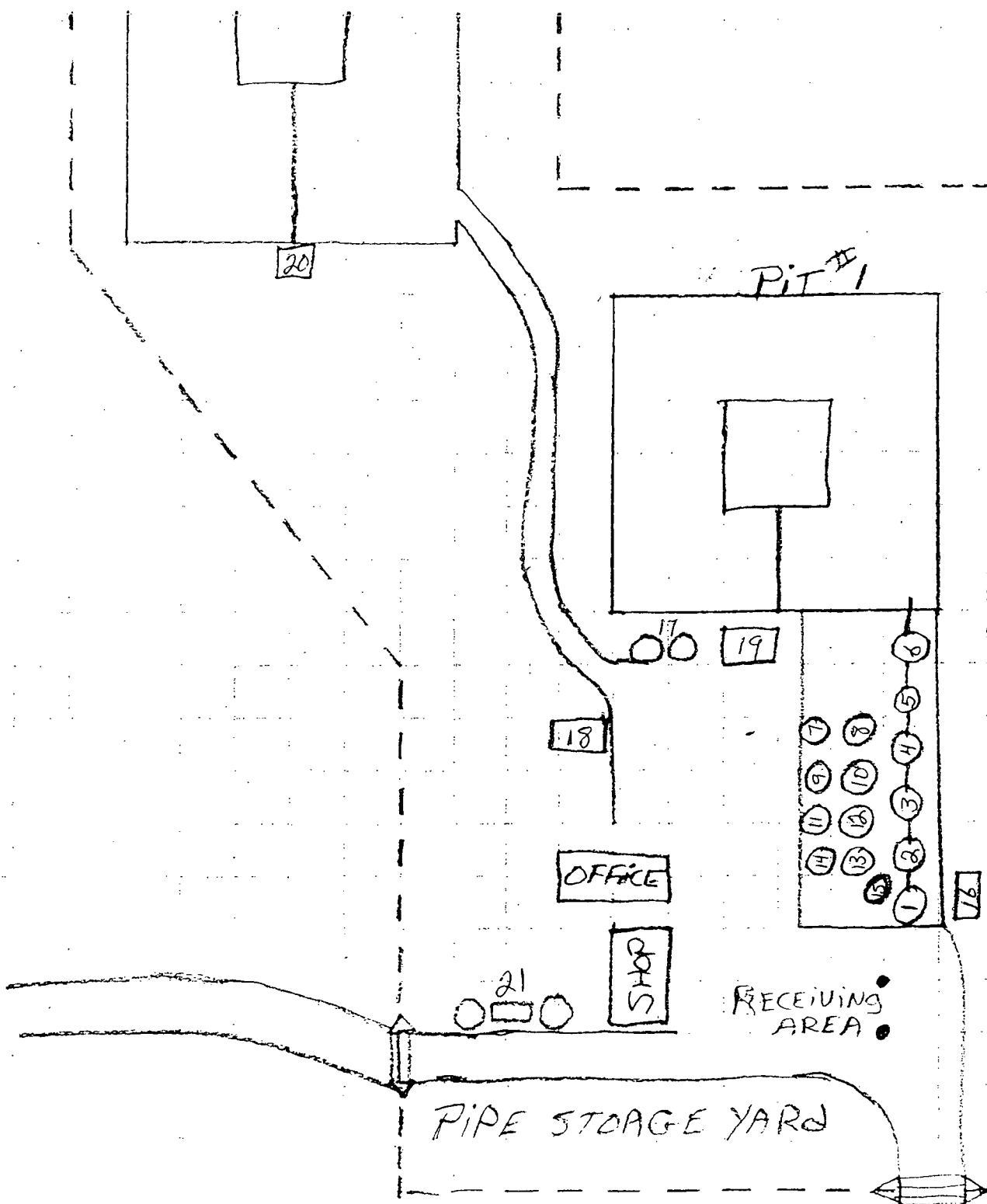
17 = CHEMICAL TANKS / BIO SX

18 = DRAIN PIT OFF OF OIL TANKS

19 = EVAPORATION PUMP

20 = EVAPORATION PUMP

21 = B5 & W STORAGE TANKS TO LAND FARM



T-n-T Environmental, Inc.
HCR 74 Box 113
Lindrith, NM 87029

Oil Conservation Division
Attn: Brad Jones
1220 South Saint Francis
Santa Fe, NM 87505

RECEIVED OCD
2011 JAN 11 P 2:16

OCD Annual and Quarterly Report

Due Date November 30th

Date Sent _____

☒ Test Results of Semi-annual Treatment Zone Monitoring of Land Farm Cells 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, for TPH, BTEX and chloride. Due May 31st, & November 30th

☒ Test Results of Quarterly Vadose Zone Monitoring of Land Farm Cells 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, for TPH, BTEX and chloride. Due May 31st, August 31st, & November 30th.

☒ Test Results of Annual Vadose Zone Monitoring of Land Farm Cells 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, for Major Cations and Anions. Due November 30th

☐ Annual Report of Weekly Testing of Leak Detection Sumps on Pond 1.

☐ Water Detected, Test Results included Due May 31st

☐ No Water Detected

☐ Annual Report of Weekly Testing of Leak Detection Sumps on Pond 3.

☐ Water Detected, Test Results include Due May 31st

☐ No Water Detected

☐ Annual Report of Monthly Testing of Monitor Well's Surrounding Pond 2.

☐ Water Detected, Test Results Included Due May 31st

☐ No Water Detected



December 06, 2010

CRAIG SCHMITZ

T-N-T ENVIRONMENTAL

70 OJITO ROAD

LINDRITH, NM 87029

RE: LANDFARM

Enclosed are the results of analyses for samples received by the laboratory on 12/02/10 9:30.

Cardinal Laboratories is accredited through Texas NELAP for:

Method SW-846 8021	Benzene, Toluene, Ethyl Benzene, and Total Xylenes
Method SW-846 8260	Benzene, Toluene, Ethyl Benzene, and Total Xylenes
Method TX 1005	Total Petroleum Hydrocarbons

Certificate number T104704398-08-TX. Accreditation applies to solid and chemical materials and non-potable water matrices.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene
Lab Director/Quality Manager

Analytical Results For:

T-N-T ENVIRONMENTAL
CRAIG SCHMITZ
70 OJITO ROAD
LINDRITH NM, 87029
Fax To: (575) 774-9116

Received: 12/02/2010
Reported: 12/06/2010
Project Name: LANDFARM
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 11/29/2010
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: CELL #2 TREATMENT (H021435-01)

BTX 8021B		mg/kg		Analyzed By: cms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/02/2010	ND	1.93	96.4	2.00	4.36	
Toluene*	<0.050	0.050	12/02/2010	ND	1.92	96.0	2.00	3.78	
Ethylbenzene*	<0.050	0.050	12/02/2010	ND	1.98	98.8	2.00	5.30	
Total Xylenes*	<0.150	0.150	12/02/2010	ND	5.86	97.7	6.00	5.90	

Surrogate, 4-Bromofluorobenzene (PIL) 100 % 70-130

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	12/02/2010	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: AB					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	12/03/2010	ND	194	97.2	200	13.2	
DRO >C10-C28	83.6	10.0	12/03/2010	ND	209	105	200	5.04	

Surrogate, 1-Chlorooctane 99.4 % 70-130

Surrogate, 1-Chlorooctadecane 105 % 70-130

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

T-N-T ENVIRONMENTAL
CRAIG SCHMITZ
70 OJITO ROAD
LINDRITH NM, 87029
Fax To: (575) 774-9116

Received: 12/02/2010
Reported: 12/06/2010
Project Name: LANDFARM
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 11/29/2010
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: CELL #3 TREATMENT (H021435-02)

BTX 8021B		mg/kg		Analyzed By: cms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/03/2010	ND	1.76	88.0	2.00	12.3	
Toluene*	0.336	0.050	12/03/2010	ND	1.76	87.9	2.00	11.6	
Ethylbenzene*	0.215	0.050	12/03/2010	ND	1.73	86.4	2.00	13.0	
Total Xylenes*	4.23	0.150	12/03/2010	ND	5.06	84.4	6.00	13.3	

Surrogate 4-Bromofluorobenzene (PIL) 109 % 70-130

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	368	16.0	12/02/2010	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: AB						S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	114	10.0	12/03/2010	ND	194	97.2	200	13.2		
DRO >C10-C28	3800	10.0	12/03/2010	ND	209	105	200	5.04		

Surrogate 1-Chlorooctane 103 % 70-130

Surrogate 1-Chlorooctadecane 132 % 70-130

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

T-N-T ENVIRONMENTAL
CRAIG SCHMITZ
70 OJITO ROAD
LINDRITH NM, 87029
Fax To: (575) 774-9116

Received: 12/02/2010
Reported: 12/06/2010
Project Name: LANDFARM
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 11/29/2010
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: CELL #4 TREATMENT (H021435-03)

BTEX 8021B
mg/kg
Analyzed By: cms

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/03/2010	ND	1.76	88.0	2.00	12.3	
Toluene*	<0.050	0.050	12/03/2010	ND	1.76	87.9	2.00	11.6	
Ethylbenzene*	<0.050	0.050	12/03/2010	ND	1.73	86.4	2.00	13.0	
Total Xylenes*	0.234	0.150	12/03/2010	ND	5.06	84.4	6.00	13.3	

Surrogate: 4-Bromofluorobenzene (PIL) 99.2 % 70-130

Chloride, SM4500Cl-B
mg/kg
Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	12/02/2010	ND	432	108	400	0.00	

TPH 418.1
mg/kg
Analyzed By: AB

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
TPH 418.1	1840	100	12/03/2010	ND	1170	103	1140	1.69	

TPH 8015M
mg/kg
Analyzed By: AB

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	12/03/2010	ND	194	97.2	200	13.2	
DRO >C10-C28	183	10.0	12/03/2010	ND	209	105	200	5.04	

Surrogate: 1-Chlorooctane 90.5 % 70-130

Surrogate: 1-Chlorooctadecane 103 % 70-130

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

T-N-T ENVIRONMENTAL
CRAIG SCHMITZ
70 OJITO ROAD
LINDRITH NM, 87029
Fax To: (575) 774-9116

Received: 12/02/2010
Reported: 12/06/2010
Project Name: LANDFARM
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 11/29/2010
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: CELL #5 TREATMENT (H021435-04)
BTEX 8021B
mg/kg
Analyzed By: cms

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/03/2010	ND	1.76	88.0	2.00	12.3	
Toluene*	<0.050	0.050	12/03/2010	ND	1.76	87.9	2.00	11.6	
Ethylbenzene*	<0.050	0.050	12/03/2010	ND	1.73	86.4	2.00	13.0	
Total Xylenes*	<0.150	0.150	12/03/2010	ND	5.06	84.4	6.00	13.3	

Surrogate: 4-Bromofluorobenzene (PIL) 101 % 70-130

Chloride, SM4500Cl-B
mg/kg
Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	12/02/2010	ND	432	108	400	0.00	

TPH 8015M
mg/kg
Analyzed By: AB

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	12/03/2010	ND	194	97.2	200	13.2	
DRO >C10-C28	972	10.0	12/03/2010	ND	209	105	200	5.04	

Surrogate: 1-Chlorooctane 95.1 % 70-130

Surrogate: 1-Chlorooctadecane 120 % 70-130

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

T-N-T ENVIRONMENTAL
CRAIG SCHMITZ
70 OJITO ROAD
LINDRITH NM, 87029
Fax To: (575) 774-9116

Received: 12/02/2010
Reported: 12/06/2010
Project Name: LANDFARM
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 11/29/2010
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: CELL #6 TREATMENT (H021435-05)

BTX 8021B		mg/kg		Analyzed By: cms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/03/2010	ND	1.76	88.0	2.00	12.3	
Toluene*	<0.050	0.050	12/03/2010	ND	1.76	87.9	2.00	11.6	
Ethylbenzene*	<0.050	0.050	12/03/2010	ND	1.73	86.4	2.00	13.0	
Total Xylenes*	<0.150	0.150	12/03/2010	ND	5.06	84.4	6.00	13.3	

Surrogate: 4-Bromofluorobenzene (PII) 99.9 % 70-130

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	12/02/2010	ND	432	108	400	0.00	

TPH 418.1		mg/kg		Analyzed By: AB					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
TPH 418.1	<100	100	12/03/2010	ND	1170	103	1140	1.69	

TPH 8015M		mg/kg		Analyzed By: AB					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	12/03/2010	ND	194	97.2	200	13.2	
DRO >C10-C28	<10.0	10.0	12/03/2010	ND	209	105	200	5.04	

Surrogate: 1-Chlorooctane 91.9 % 70-130

Surrogate: 1-Chlorooctadecane 97.9 % 70-130

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 T-N-T ENVIRONMENTAL
 CRAIG SCHMITZ
 70 OJITO ROAD
 LINDRITH NM, 87029
 Fax To: (575) 774-9116

 Received: 12/02/2010
 Reported: 12/06/2010
 Project Name: LANDFARM
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

 Sampling Date: 11/29/2010
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: CELL #7 TREATMENT (H021435-06)

BTX 8021B		mg/kg		Analyzed By: cms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/03/2010	ND	1.76	88.0	2.00	12.3	
Toluene*	<0.050	0.050	12/03/2010	ND	1.76	87.9	2.00	11.6	
Ethylbenzene*	<0.050	0.050	12/03/2010	ND	1.73	86.4	2.00	13.0	
Total Xylenes*	<0.150	0.150	12/03/2010	ND	5.06	84.4	6.00	13.3	

Surrogate: 4-Bromofluorobenzene (PII) 95.6 % 70-130

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	12/02/2010	ND	432	108	400	0.00	

TPH 418.1		mg/kg		Analyzed By: AB					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
TPH 418.1	<100	100	12/03/2010	ND	1170	103	1140	1.69	

TPH 8015M		mg/kg		Analyzed By: AB					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	12/03/2010	ND	194	97.2	200	13.2	
DRO >C10-C28	<10.0	10.0	12/03/2010	ND	209	105	200	5.04	

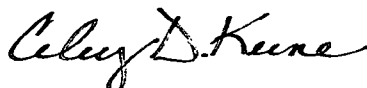
Surrogate: 1-Chlorooctane 100 % 70-130

Surrogate: 1-Chlorooctadecane 105 % 70-130

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

T-N-T ENVIRONMENTAL
CRAIG SCHMITZ
70 OJITO ROAD
LINDRITH NM, 87029
Fax To: (575) 774-9116

Received: 12/02/2010
Reported: 12/06/2010
Project Name: LANDFARM
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 11/29/2010
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: CELL #8 TREATMENT (H021435-07)

BTX 8021B		mg/kg	Analyzed By: cms						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.794	0.050	12/03/2010	ND	1.76	88.0	2.00	12.3	
Toluene*	1.51	0.050	12/03/2010	ND	1.76	87.9	2.00	11.6	
Ethylbenzene*	0.094	0.050	12/03/2010	ND	1.73	86.4	2.00	13.0	
Total Xylenes*	0.980	0.150	12/03/2010	ND	5.06	84.4	6.00	13.3	

Surrogate: 4-Bromofluorobenzene (PII) 82.5 % 70-130

Chloride, SM4500Cl-B		mg/kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	12/02/2010	ND	432	108	400	0.00	

TPH 8015M		mg/kg	Analyzed By: AB						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	12.7	10.0	12/03/2010	ND	194	97.2	200	13.2	
DRO >C10-C28	26.2	10.0	12/03/2010	ND	209	105	200	5.04	

Surrogate: 1-Chlorooctane 97.7 % 70-130

Surrogate: 1-Chlorooctadecane 107 % 70-130

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

T-N-T ENVIRONMENTAL
CRAIG SCHMITZ
70 OJITO ROAD
LINDRITH NM, 87029
Fax To: (575) 774-9116

Received: 12/02/2010
Reported: 12/06/2010
Project Name: LANDFARM
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 11/29/2010
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: CELL #9 TREATMENT (H021435-08)

BTX 8021B		mg/kg		Analyzed By: cms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/03/2010	ND	1.76	88.0	2.00	12.3	
Toluene*	0.071	0.050	12/03/2010	ND	1.76	87.9	2.00	11.6	
Ethylbenzene*	<0.050	0.050	12/03/2010	ND	1.73	86.4	2.00	13.0	
Total Xylenes*	<0.150	0.150	12/03/2010	ND	5.06	84.4	6.00	13.3	

Surrogate: 4-Bromofluorobenzene (PIL) 95.2 % 70-130

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	12/02/2010	ND	432	108	400	0.00	

TPH 418.1		mg/kg		Analyzed By: AB					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
TPH 418.1	176	100	12/03/2010	ND	1170	103	1140	1.69	

TPH 8015M		mg/kg		Analyzed By: AB					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	12/03/2010	ND	194	97.2	200	13.2	
DRO >C10-C28	26.0	10.0	12/03/2010	ND	209	105	200	5.04	

Surrogate: 1-Chlorooctane 101 % 70-130

Surrogate: 1-Chlorooctadecane 105 % 70-130

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

T-N-T ENVIRONMENTAL
CRAIG SCHMITZ
70 OJITO ROAD
LINDRITH NM, 87029
Fax To: (575) 774-9116

Received: 12/02/2010
Reported: 12/06/2010
Project Name: LANDFARM
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 11/29/2010
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: CELL #10 TREATMENT (H021435-09)
BTEX 8021B

mg/kg

Analyzed By: cms

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/03/2010	ND	1.76	88.0	2.00	12.3	
Toluene*	<0.050	0.050	12/03/2010	ND	1.76	87.9	2.00	11.6	
Ethylbenzene*	<0.050	0.050	12/03/2010	ND	1.73	86.4	2.00	13.0	
Total Xylenes*	<0.150	0.150	12/03/2010	ND	5.06	84.4	6.00	13.3	

Surrogate: 4-Bromofluorobenzene (PIL) 99.1 % 70-130

Chloride, SM4500Cl-B

mg/kg

Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	12/02/2010	ND	432	108	400	0.00	

TPH 8015M

mg/kg

Analyzed By: AB

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	12/03/2010	ND	194	97.2	200	13.2	
DRO >C10-C28	92.8	10.0	12/03/2010	ND	209	105	200	5.04	

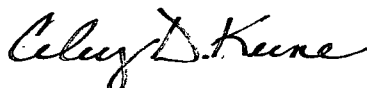
Surrogate: 1-Chlorooctane 90.5 % 70-130

Surrogate: 1-Chlorooctadecane 102 % 70-130

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

T-N-T ENVIRONMENTAL
CRAIG SCHMITZ
70 OJITO ROAD
LINDRITH NM, 87029
Fax To: (575) 774-9116

Received: 12/02/2010
Reported: 12/06/2010
Project Name: LANDFARM
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 11/29/2010
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: CELL #11 TREATMENT (H021435-10)

BTEX 8021B

mg/kg

Analyzed By: cms

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/03/2010	ND	1.76	88.0	2.00	12.3	
Toluene*	0.053	0.050	12/03/2010	ND	1.76	87.9	2.00	11.6	
Ethylbenzene*	<0.050	0.050	12/03/2010	ND	1.73	86.4	2.00	13.0	
Total Xylenes*	<0.150	0.150	12/03/2010	ND	5.06	84.4	6.00	13.3	

Surrogate: 4-Bromofluorobenzene (PIL) 95.1 % 70-130

Chloride, SM4500Cl-B

mg/kg

Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	12/02/2010	ND	432	108	400	0.00	

TPH 8015M

mg/kg

Analyzed By: AB

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	12/03/2010	ND	150	75.1	200	0.634	
DRO >C10-C28	121	10.0	12/03/2010	ND	172	86.1	200	4.05	

Surrogate: 1-Chlorooctane 105 % 70-130

Surrogate: 1-Chlorooctadecane 113 % 70-130

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

T-N-T ENVIRONMENTAL
CRAIG SCHMITZ
70 OJITO ROAD
LINDRITH NM, 87029
Fax To: (575) 774-9116

Received: 12/02/2010
Reported: 12/06/2010
Project Name: LANDFARM
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 11/29/2010
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: CELL #12 TREATMENT (H021435-11)

BTX 8021B		mg/kg		Analyzed By: cms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/03/2010	ND	1.76	88.0	2.00	12.3	
Toluene*	<0.050	0.050	12/03/2010	ND	1.76	87.9	2.00	11.6	
Ethylbenzene*	<0.050	0.050	12/03/2010	ND	1.73	86.4	2.00	13.0	
Total Xylenes*	<0.150	0.150	12/03/2010	ND	5.06	84.4	6.00	13.3	

Surrogate: 4-Bromofluorobenzene (PII) 98.4 % 70-130

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	12/02/2010	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: AB					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	12/03/2010	ND	150	75.1	200	0.634	
DRO >C10-C28	157	10.0	12/03/2010	ND	172	86.1	200	4.05	

Surrogate: 1-Chlorooctane 88.8 % 70-130

Surrogate: 1-Chlorooctadecane 96.3 % 70-130

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Celey D. Keene, Lab Director/Quality Manager

Notes and Definitions

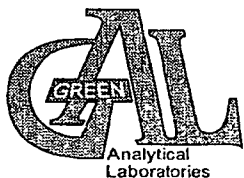
- S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- ** Samples not received at proper temperature of 6°C or below.
- *** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
- Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories***=Accredited Analyte**

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Celey D. Keene, Lab Director/Quality Manager



CHAIN OF CUSTODY RECORD

Page 1 of 2Client: T-N-T ENVIRONMENTAL INC.Contact: CRAIG SCHMITZAddress: HCR 74 #70LINDRITH N.M. 87029Phone Number: 505-320-2130FAX Number: 575-774-9116

NOTES:

- 1) Ensure proper container packaging.
- 2) Ship samples promptly following collection.
- 3) Designate Sample Reject Disposition.

PO#

Project Name: LAND FARM

Table 1. - Matrix Type

1 = Surface Water, 2 = Ground Water
3 = Soil/Sediment, 4 = Rinsate, 5 = Oil
6 = Waste, 7 = Other (Specify) _____

FOR GAL USE ONLY

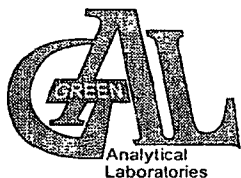
GAL JOB #

Samplers Signature: Jay L. [Signature]

Lab Name: Green Analytical Laboratories (970) 247-4220 FAX (970) 247-4227		Analyses Required										Comments							
Address: 75 Suttle Street, Durango, CO 81303		Collection		Miscellaneous			Preservative(s)												
Sample ID	Date	Time	Collected by: (Init.)	Matrix Type From Table 1	No. of Containers	Sample Filtered ? Y/N	Unpreserved (Ice Only)	HNO3	HCL	H2SO4	NAOH		Other (Specify)						
H21435 -																			
1 CELL #2 TREATMENT	11/29/10		TLS	3	1	N	✓							✓	✓	✓			Lab # 1012-005
2 CELL #3 " "																			
3 CELL #4 " "																			
4 CELL #5 " "																			
5 CELL #6 " "																			
6 CELL #7 " "																			
7 CELL #8 " "																			
8 CELL #9 " "																			
9 CELL #10 " "																			
10 CELL #11 " "																			
Relinquished by: <u>[Signature]</u>		Date: <u>12/1/10</u>		Time: <u>12:50</u>		Received by: <u>Christy Clain</u>		Date: <u>12/1/10</u>		Time: <u>12:50</u>		Relinquished by: <u>[Signature]</u>		Date: <u>12/2/10</u>		Time: <u>9:30</u>			

* Sample Reject: [] Return [] Dispose [] Store (30 Days)

2.5°C #26



CHAIN OF CUSTODY RECORD

Page 2 of 2Client: T-N-T ENVIRONMENTAL INC. NOTES:Contact: CRAIG SCHMITZ

Address: _____

Phone Number: _____

FAX Number: _____

- 1) Ensure proper container packaging.
- 2) Ship samples promptly following collection.
- 3) Designate Sample Reject Disposition.

PO# _____

Project Name: LAND FARM

Table 1. - Matrix Type

1 = Surface Water, 2 = Ground Water
3 = Soil/Sediment, 4 = Rinsate, 5 = Oil
6 = Waste, 7 = Other (Specify) _____

FOR GAL USE ONLY

GAL JOB # _____

Samplers Signature: Joy [Signature]

Lab Name: Green Analytical Laboratories (970) 247-4220 FAX (970) 247-4227		Analyses Required										Comments		
Address: 75 Suttle Street, Durango, CO 81303		Collection		Miscellaneous			Preservative(s)							
Sample ID	Date	Time	Collected by: (Init.)	Matrix Type From Table 1	No. of Containers	Sample Filtered ? Y/N	Unpreserved (Ice Only)	HNO3	HCL	H2SO4	NAOH		Other (Specify)	
H21435 - -11 CELL #12 TREAT MENT	11/29/10		TLS	3	1	N	✓						2021B ✓ 7.5% DRO/GRD ✓ BTEX ✓ CHLORIDE ✓	Lab # 1012-005
1.														
2.														
3.														
4.														
5.														
6.														
7.														
8.														
9.														
10.														
Relinquished by: <u>[Signature]</u>			Date: <u>12/1/10</u>	Time: <u>12:50</u>	Received by: <u>Christy Clark</u>			Date: <u>12/1/10</u>	Time: <u>12:50</u>					
Relinquished by: <u>[Signature]</u>			Date: _____	Time: _____	Received by: <u>Joan Anderson</u>			Date: <u>12/2/10</u>	Time: <u>9:30</u>					

* Sample Reject: [] Return [] Dispose [] Store (30 Days)

2.5°C #26

PHONE (575) 393-2326 • 201 E. MARLAND • MORGAN, NM 87029

December 10, 2010

CRAIG SCHMITZ
T-N-T ENVIRONMENTAL
70 OJITO ROAD
LINDRITH, NM 87029

RE: LANDFARM

Enclosed are the results of analyses for samples received by the laboratory on 12/03/10 10:00.

Cardinal Laboratories is accredited through Texas NELAP for:

Method SW-846 8021	Benzene, Toluene, Ethyl Benzene, and Total Xylenes
Method SW-846 8260	Benzene, Toluene, Ethyl Benzene, and Total Xylenes
Method TX 1005	Total Petroleum Hydrocarbons

Certificate number T104704398-08-TX. Accreditation applies to solid and chemical materials and non-potable water matrices.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Caley D. Keene
Lab Director/Quality Manager



PHONE (575) 353-3324 • 100 E. MARLAND • MORGAN, NM 87240

Analytical Results For:

T-N-T ENVIRONMENTAL
CRAIG SCHMITZ
70 OJITO ROAD
LINDRITH NM, 87029
Fax To: (575) 774-9116

Received: 12/03/2010
Reported: 12/10/2010
Project Name: LANDFARM
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 11/29/2010
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: CELL #1 VADOSE (H021447-01)

Arsenic, 60108		mg/kg		Analyzed By: JM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Arsenic	<10.0	10.0	12/07/2010	ND	4.21	105	4.00	0.710	GAL	
Barium, 60108		mg/kg		Analyzed By: JM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Barium	152	1.00	12/07/2010	ND	2.04	102	2.00	2.90	GAL	
Bicarbonate 310.1M		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Alkalinity, Bicarbonate	31.0	10.0	12/06/2010	ND				3.17	GAL	
BTX 80210		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/07/2010	ND	1.95	97.6	2.00	0.570		
Toluene*	<0.050	0.050	12/07/2010	ND	1.93	96.6	2.00	1.75		
Ethylbenzene*	<0.050	0.050	12/07/2010	ND	1.94	97.0	2.00	2.62		
Total Xylenes*	<0.150	0.150	12/07/2010	ND	5.71	95.1	6.00	2.61		
Surrogate: 4-Bromofluorobenzene (PJT)										
	100 %	70-130								
Cadmium, 60108		mg/kg		Analyzed By: JM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Cadmium	<1.00	1.00	12/07/2010	ND	2.13	106	2.00	1.42	GAL	
Calcium, 200.7		mg/kg		Analyzed By: JM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Calcium	24.0	2.5	12/03/2010	ND	2.0	101	2.80	20.0	GAL	

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Celest D. Keene, Lab Director/Quality Manager



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Analytical Results For:

T-N-T ENVIRONMENTAL
CRAIG SCHMITZ
70 OJITO ROAD
LINDRITH NM, 87029
Fax To: (575) 774-9116

Received: 12/03/2010
Reported: 12/10/2010
Project Name: LANDFARM
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 11/29/2010
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: CELL #1 VADOSE (H021447-01)

Carbonate 310.1M		mg/kg	Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Alkalinity, Carbonate	<10.0	10.0	12/06/2010	ND				0.00	GAL
Chloride, SM4500C-B		mg/kg	Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<10.0	10.0	12/08/2010	ND	14.0	93.3	15.0	0.00	GAL
Chromium, 6010B		mg/kg	Analyzed By: JM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chromium	26.1	1.00	12/07/2010	ND	1.07	107	1.00	1.85	GAL
Iron 200.7		mg/kg	Analyzed By: JM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Iron	9.6	0.2	12/03/2010	ND	2.0	99.5	2.00	1.01	GAL
Lead, 6010B		mg/kg	Analyzed By: JM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Lead	<5.00	5.00	12/07/2010	ND	4.28	107	4.00	1.62	GAL
Magnesium, 200.7		mg/kg	Analyzed By: JM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Magnesium	7.5	2.5	12/03/2010	ND	1.9	97.0	2.00	2.08	GAL
Mercury, 7471A		mg/kg	Analyzed By: JM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Mercury	<0.100	0.100	12/07/2010	ND	0.002	100	0.00200	0.00	GAL
Potassium, 200.7		mg/kg	Analyzed By: JM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier

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Celest D. Keene, Lab Director/Quality Manager



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Analytical Results For:

T-N-T ENVIRONMENTAL
CRAIG SCHMITZ
70 OJITO ROAD
LINCOLN, NM, 87029
Fax To: (575) 774-9116

Received: 12/03/2010
Reported: 12/10/2010
Project Name: LANDFARM
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 11/29/2010
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: CELL #1 VADOSE (H021447-01)

Potassium, 200.7		mg/kg		Analyzed By: JM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Potassium	7.2	2.5	12/03/2010	ND	5.6	112	5.00	1.43	GAL	
Selenium, 60108		mg/kg		Analyzed By: JM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Selenium	<20.0	20.0	12/07/2010	ND	4.23	106	4.00	1.18	GAL	
Silver, 60108		mg/kg		Analyzed By: JM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Silver	<1.00	1.00	12/07/2010	ND	0.105	105	0.100	0.957	GAL	
Sodium, 200.7		mg/kg		Analyzed By: JM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Sodium	37.3	2.5	12/03/2010	ND	8.1	100	8.10	1.36	GAL	
Sulfate 375.4		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Sulfate	<10.0	10.0	12/08/2010	ND	330	103	320	0.00	GAL	
Total Alkalinity 310.1M		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Alkalinity, Total	33.0	10.0	12/06/2010	ND	640	104	616	3.08	GAL	
TPH 8015M		mg/kg		Analyzed By: AB						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	12/06/2010	ND	150	75.2	200	2.65		
DRO >C10-C28	<10.0	10.0	12/06/2010	ND	184	92.1	200	6.35		

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

T-N-T ENVIRONMENTAL
 CRAIG SCHMITZ
 70 OJITO ROAD
 LINDRITH NM, 87029
 Fax To: (575) 774-9116

Received: 12/03/2010
 Reported: 12/10/2010
 Project Name: LANDFARM
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

Sampling Date: 11/29/2010
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: CELL #1 VADOSE (H021447-01)**TPH 8015M****mg/kg****Analyzed By: AB**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Surrogate: 1-Chlorooctane	105 %	70-130							
Surrogate: 1-Chlorooctadecane	108 %	70-130							

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

T-N-T ENVIRONMENTAL
CRAIG SCHMITZ
70 OJITO ROAD
LINDRITH NM, 87029
Fax To: (575) 774-9116

Received: 12/03/2010
Reported: 12/10/2010
Project Name: LANDFARM
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 11/29/2010
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: CELL #2 VADOSE (H021447-02)

Arsenic, 60108		mg/kg	Analyzed By: JM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Arsenic	<10.0	10.0	12/07/2010	ND	4.21	105	4.00	0.710	GAL
Barium, 60108		mg/kg	Analyzed By: JM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Barium	166	1.00	12/07/2010	ND	2.04	102	2.00	2.90	GAL
Bicarbonate 310.1M		mg/kg	Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Alkalinity, Bicarbonate	30.0	10.0	12/06/2010	ND				3.17	GAL
BTEX 80218		mg/kg	Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/07/2010	ND	1.95	97.6	2.00	0.570	
Toluene*	<0.050	0.050	12/07/2010	ND	1.93	96.6	2.00	1.75	
Ethylbenzene*	<0.050	0.050	12/07/2010	ND	1.94	97.0	2.00	2.62	
Total Xylenes*	<0.150	0.150	12/07/2010	ND	5.71	95.1	6.00	2.61	
Surrogate: 4-Bromofluorobenzene (PIL)		104 %	70-130						
Cadmium, 60108		mg/kg	Analyzed By: JM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Cadmium	<1.00	1.00	12/07/2010	ND	2.13	106	2.00	1.42	GAL
Calcium, 200.7		mg/kg	Analyzed By: JM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Calcium	25.7	2.5	12/03/2010	ND	2.0	101	2.00	20.0	GAL

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Celest D. Keene, Lab Director/Quality Manager



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Analytical Results For:

T-N-T ENVIRONMENTAL
 CRAIG SCHMITZ
 70 OJITO ROAD
 LINDRITH NM, 87029
 Fax To: (575) 774-9116

Received: 12/03/2010
 Reported: 12/10/2010
 Project Name: LANDFARM
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

Sampling Date: 11/29/2010
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: CELL #2 VADOSE (H021447-02)

Carbonate 310.1M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Alkalinity, Carbonate	<10.0	10.0	12/06/2010	ND				0.00	GAL
Chloride, SM4500Cl-B		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<10.0	10.0	12/08/2010	ND	14.0	93.3	15.0	0.00	GAL
Chromium, 6010B		mg/kg		Analyzed By: JM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chromium	24.5	1.00	12/07/2010	ND	1.07	107	1.00	1.85	GAL
Iron 200.7		mg/kg		Analyzed By: JM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Iron	8.9	0.2	12/03/2010	ND	2.0	99.5	2.00	1.01	GAL
Lead, 6010B		mg/kg		Analyzed By: JM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Lead	<5.00	5.00	12/07/2010	ND	4.28	107	4.00	1.62	GAL
Magnesium, 200.7		mg/kg		Analyzed By: JM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Magnesium	7.6	2.5	12/03/2010	ND	1.9	97.0	2.00	2.08	GAL
Mercury, 7471A		mg/kg		Analyzed By: JM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Mercury	<0.100	0.100	12/07/2010	ND	0.002	100	0.00200	0.00	GAL
Potassium, 200.7		mg/kg		Analyzed By: JM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

T-N-T ENVIRONMENTAL
CRAIG SCHMITZ
70 OJITO ROAD
LINDRITH NM, 87029
Fax To: (575) 774-9116

Received: 12/03/2010
Reported: 12/10/2010
Project Name: LANDFARM
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 11/29/2010
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: CELL #2 VADOSE (H021447-02)

Potassium, 200.7		mg/kg	Analyzed By: JM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Potassium	6.1	2.5	12/03/2010	ND	5.6	112	5.00	1.43	GAL
Selenium, 60108		mg/kg	Analyzed By: JM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Selenium	<20.0	20.0	12/07/2010	ND	4.23	106	4.00	1.18	GAL
Silver, 60108		mg/kg	Analyzed By: JM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Silver	<1.00	1.00	12/07/2010	ND	0.105	105	0.100	0.957	GAL
Sodium, 200.7		mg/kg	Analyzed By: JM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Sodium	44.7	2.5	12/03/2010	ND	8.1	100	8.10	1.36	GAL
Sulfate 375.4		mg/kg	Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Sulfate	<10.0	10.0	12/08/2010	ND	330	103	320	0.00	GAL
Total Alkalinity 310.1M		mg/kg	Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Alkalinity, Total	32.0	10.0	12/06/2010	ND	640	104	616	3.08	GAL
TPH 8015M		mg/kg	Analyzed By: AB						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	12/07/2010	ND	150	75.2	200	2.65	
DRO >C10-C28	<10.0	10.0	12/07/2010	ND	184	92.1	200	6.35	

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

T-N-T ENVIRONMENTAL
CRAIG SCHMITZ
70 OJITO ROAD
LINDRITH NM, 87029
Fax To: (575) 774-9116

Received: 12/03/2010
Reported: 12/10/2010
Project Name: LANDFARM
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 11/29/2010
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: CELL #2 VADOSE (H021447-02)

TPH 8015M

mg/kg

Analyzed By: AB

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Surrogate: 1-Chlorooctane	94.0 %	70-130							
Surrogate: 1-Chlorooctadecane	96.5 %	70-130							

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

T-N-T ENVIRONMENTAL
CRAIG SCHMITZ
70 OJITO ROAD
LINDRITH NM, 87029
Fax To: (575) 774-9116

Received: 12/03/2010
Reported: 12/10/2010
Project Name: LANDFARM
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 11/29/2010
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: CELL #3 VADOSE (H021447-03)

Arsenic, 60108		mg/kg		Analyzed By: JM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Arsenic	<10.0	10.0	12/07/2010	ND	4.21	105	4.00	0.710	GAL	
Barium, 60108		mg/kg		Analyzed By: JM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Barium	157	1.00	12/07/2010	ND	2.04	102	2.00	2.90	GAL	
Bicarbonate 310.1M		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Alkalinity, Bicarbonate	32.0	10.0	12/06/2010	ND				3.17	GAL	
BTEX 80218		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/07/2010	ND	1.95	97.6	2.00	0.570		
Toluene*	<0.050	0.050	12/07/2010	ND	1.93	96.6	2.00	1.75		
Ethylbenzene*	<0.050	0.050	12/07/2010	ND	1.94	97.0	2.00	2.62		
Total Xylenes*	<0.150	0.150	12/07/2010	ND	5.71	95.1	6.00	2.61		
Synagogue: 4-Bromofluorobenzene (PIL)										
	103 %	70-130								
Cadmium, 60108		mg/kg		Analyzed By: JM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Cadmium	<1.00	1.00	12/07/2010	ND	2.13	106	2.00	1.42	GAL	
Calcium, 200.7		mg/kg		Analyzed By: JM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Calcium	22.8	2.5	12/03/2010	ND	2.0	101	2.00	20.0	GAL	

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

T-N-T ENVIRONMENTAL
CRAIG SCHMITZ
70 OJITO ROAD
LINDRITH NM, 87029
Fax To: (575) 774-9116

Received: 12/03/2010
Reported: 12/10/2010
Project Name: LANDFARM
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 11/29/2010
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: CELL #3 VADOSE (H021447-03)

Carbonate 310.1M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Alkalinity, Carbonate	<10.0	10.0	12/06/2010	ND				0.00	GAL
Chloride, SM4500Cl-B		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<10.0	10.0	12/08/2010	ND	14.0	93.3	15.0	0.00	GAL
Chromium, 6010B		mg/kg		Analyzed By: JM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chromium	25.7	1.00	12/07/2010	ND	1.07	107	1.00	1.85	GAL
Iron 200.7		mg/kg		Analyzed By: JM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Iron	8.7	0.2	12/03/2010	ND	2.0	99.5	2.00	1.01	GAL
Lead, 6010B		mg/kg		Analyzed By: JM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Lead	<5.00	5.00	12/07/2010	ND	4.28	107	4.00	1.62	GAL
Magnesium, 200.7		mg/kg		Analyzed By: JM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Magnesium	8.9	2.5	12/03/2010	ND	1.9	97.0	2.00	2.08	GAL
Mercury, 7471A		mg/kg		Analyzed By: JM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Mercury	<0.100	0.100	12/07/2010	ND	0.002	100	0.00200	0.00	GAL
Potassium, 200.7		mg/kg		Analyzed By: JM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier

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Caley D. Kenna

Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

T-N-T ENVIRONMENTAL
CRAIG SCHMITZ
70 OJITO ROAD
LINDRITH NM, 87029
Fax To: (575) 774-9116

Received: 12/03/2010
Reported: 12/10/2010
Project Name: LANDFARM
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 11/29/2010
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: CELL #3 VADOSE (H021447-03)

Potassium, 200.7		mg/kg	Analyzed By: JM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Potassium	7.3	2.5	12/03/2010	ND	5.6	112	5.00	1.43	GAL
Selenium, 60108		mg/kg	Analyzed By: JM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Selenium	<20.0	20.0	12/07/2010	ND	4.23	106	4.00	1.18	GAL
Silver, 60108		mg/kg	Analyzed By: JM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Silver	<1.00	1.00	12/07/2010	ND	0.105	105	0.100	0.957	GAL
Sodium, 200.7		mg/kg	Analyzed By: JM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Sodium	45.7	2.5	12/03/2010	ND	8.1	100	8.10	1.36	GAL
Sulfate 375.4		mg/kg	Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Sulfate	<10.0	10.0	12/08/2010	ND	330	103	320	0.00	GAL
Total Alkalinity 310.1M		mg/kg	Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Alkalinity, Total	34.0	10.0	12/06/2010	ND	640	104	616	3.08	GAL
TPH 8015M		mg/kg	Analyzed By: AB						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	12/07/2010	ND	150	75.2	200	2.65	
DRO >C10-C28	<10.0	10.0	12/07/2010	ND	184	92.1	200	6.35	

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Celest D. Keene, Lab Director/Quality Manager



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Analytical Results For:

T-N-T ENVIRONMENTAL
 CRAIG SCHMITZ
 70 OJITO ROAD
 LINDRITH NM, 87029
 Fax To: (575) 774-9116

Received: 12/03/2010
 Reported: 12/10/2010
 Project Name: LANDFARM
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

Sampling Date: 11/29/2010
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: CELL #3 VADOSE (H021447-03)

TPH 8015M

mg/kg

Analyzed By: AB

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Simrogate: 1-Chlorooctane	98.9 %	70-130							
Simrogate: 1-Chlorooctadecane	103 %	70-130							

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

T-N-T ENVIRONMENTAL
CRAIG SCHMITZ
70 OJITO ROAD
LINDRITH NM, 87029
Fax To: (575) 774-9116

Received: 12/03/2010
Reported: 12/10/2010
Project Name: LANDFARM
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 11/29/2010
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: CELL #4 VADOSE (H021447-04)

Arsenic, 60108		mg/kg	Analyzed By: JM							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Arsenic	<10.0	10.0	12/07/2010	ND	4.21	105	4.00	0.710	GAL	
Barium, 60108		mg/kg	Analyzed By: JM							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Barium	142	1.00	12/07/2010	ND	2.04	102	2.00	2.90	GAL	
Bicarbonate 310.1M		mg/kg	Analyzed By: CK							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Alkalinity, Bicarbonate	30.0	10.0	12/06/2010	ND				3.17	GAL	
BTEX 80218		mg/kg	Analyzed By: CK							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/07/2010	ND	1.95	97.6	2.00	0.570		
Toluene*	<0.100	0.100	12/07/2010	ND	1.93	96.6	2.00	1.75		
Ethylbenzene*	<0.050	0.050	12/07/2010	ND	1.94	97.0	2.00	2.62		
Total Xylenes*	<0.150	0.150	12/07/2010	ND	5.71	95.1	6.00	2.61		
Surrogate: 4-Bromofluorobenzene (PIL)		107 %	70-130							
Cadmium, 60108		mg/kg	Analyzed By: JM							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Cadmium	<1.00	1.00	12/07/2010	ND	2.13	106	2.00	1.42	GAL	
Calcium, 200.7		mg/kg	Analyzed By: JM							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Calcium	20.9	2.5	12/03/2010	ND	2.0	101	2.00	20.0	GAL	

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

T-N-T ENVIRONMENTAL
CRAIG SCHMITZ
70 OJITO ROAD
LINDRITH NM, 87029
Fax To: (575) 774-9116

Received: 12/03/2010
Reported: 12/10/2010
Project Name: LANDFARM
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 11/29/2010
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: CELL #4 VADOSE (H021447-04)

Carbonate 310.1M			mg/kg							
			Analyzed By: CK							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Alkalinity, Carbonate	<10.0	10.0	12/06/2010	ND				0.00	GAL	
Chloride, SM4500Cl-B			mg/kg							
			Analyzed By: CK							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<10.0	10.0	12/08/2010	ND	14.0	93.3	15.0	0.00	GAL	
Chromium, 60108			mg/kg							
			Analyzed By: JM							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chromium	23.9	1.00	12/07/2010	ND	1.07	107	1.00	1.85	GAL	
Iron 200.7			mg/kg							
			Analyzed By: JM							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Iron	8.3	0.2	12/03/2010	ND	2.0	99.5	2.00	1.01	GAL	
Lead, 60108			mg/kg							
			Analyzed By: JM							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Lead	<5.00	5.00	12/07/2010	ND	4.28	107	4.00	1.62	GAL	
Magnesium, 200.7			mg/kg							
			Analyzed By: JM							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Magnesium	6.4	2.5	12/03/2010	ND	1.9	97.0	2.00	2.08	GAL	
Mercury, 7471A			mg/kg							
			Analyzed By: JM							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Mercury	<0.100	0.100	12/07/2010	ND	0.002	100	0.00200	0.00	GAL	
Potassium, 200.7			mg/kg							
			Analyzed By: JM							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	

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Analytical Results For:

T-N-T ENVIRONMENTAL
CRAIG SCHMITZ
70 OJITO ROAD
LINDRITH NM, 87029
Fax To: (575) 774-9116

Received: 12/03/2010
Reported: 12/10/2010
Project Name: LANDFARM
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 11/29/2010
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: CELL #4 VADOSE (H021447-04)

Potassium, 200.7		mg/kg	Analyzed By: JM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Potassium	7.2	2.5	12/03/2010	ND	5.6	112	5.00	1.43	GAL
Selenium, 60108		mg/kg	Analyzed By: JM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Selenium	<20.0	20.0	12/07/2010	ND	4.23	106	4.00	1.18	GAL
Silver, 60108		mg/kg	Analyzed By: JM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Silver	<1.00	1.00	12/07/2010	ND	0.105	105	0.100	0.957	GAL
Sodium, 200.7		mg/kg	Analyzed By: JM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Sodium	47.2	2.5	12/03/2010	ND	8.1	100	8.10	1.36	GAL
Sulfate 375.4		mg/kg	Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Sulfate	<10.0	10.0	12/08/2010	ND	330	103	320	0.00	GAL
Total Alkalinity 310.1M		mg/kg	Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Alkalinity, Total	32.0	10.0	12/06/2010	ND	640	104	616	3.08	GAL
TPH 8015M		mg/kg	Analyzed By: AB						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	12/07/2010	ND	150	75.2	200	2.65	
DRO >C10-C28	<10.0	10.0	12/07/2010	ND	184	92.1	200	6.35	

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

T-N-T ENVIRONMENTAL
 CRAIG SCHMITZ
 70 OJITO ROAD
 LINDRITH NM, 87029
 Fax To: (575) 774-9116

Received: 12/03/2010
 Reported: 12/10/2010
 Project Name: LANDFARM
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

Sampling Date: 11/29/2010
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: CELL #4 VADOSE (H021447-04)

TPH 8015M

mg/kg

Analyzed By: AB

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Surrogate: 1-Chlorooctane	99.1 %	70-130							
Surrogate: 1-Chlorononadecane	100 %	70-130							

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Analytical Results For:

T-N-T ENVIRONMENTAL
CRAIG SCHMITZ
70 OJITO ROAD
LINDRITH NM, 87029
Fax To: (575) 774-9116

Received: 12/03/2010
Reported: 12/10/2010
Project Name: LANDFARM
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 11/29/2010
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: CELL #5 VADOSE (H021447-05)

Arsenic, 6010B		mg/kg		Analyzed By: JM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Arsenic	<10.0	10.0	12/07/2010	ND	4.21	105	4.00	0.710	GAL	
Barium, 6010B		mg/kg		Analyzed By: JM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Barium	146	1.00	12/07/2010	ND	2.04	102	2.00	2.90	GAL	
Bicarbonate 310.1M		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Alkalinity, Bicarbonate	26.0	10.0	12/06/2010	ND				3.17	GAL	
BTEX 8021B		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/07/2010	ND	1.95	97.6	2.00	0.570		
Toluene*	<0.050	0.050	12/07/2010	ND	1.93	96.6	2.00	1.75		
Ethylbenzene*	<0.050	0.050	12/07/2010	ND	1.94	97.0	2.00	2.62		
Total Xylenes*	<0.150	0.150	12/07/2010	ND	5.71	95.1	6.00	2.61		
Surrogate: 4-Bromofluorobenzene (PIL)		104 %	70-130							
Cadmium, 6010B		mg/kg		Analyzed By: JM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Cadmium	<1.00	1.00	12/07/2010	ND	2.13	106	2.00	1.42	GAL	
Calcium, 200.7		mg/kg		Analyzed By: JM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Calcium	21.0	2.5	12/03/2010	ND	2.0	101	2.00	20.0	GAL	

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Celcy D. Keene, Lab Director/Quality Manager



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Analytical Results For:

T-N-T ENVIRONMENTAL
CRAIG SCHMITZ
70 OJITO ROAD
LINDRITH NM, 87029
Fax To: (575) 774-9116

Received: 12/03/2010
Reported: 12/10/2010
Project Name: LANDFARM
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 11/29/2010
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: CELL #5 VADOSE (H021447-05)

Carbonate 310.1M			mg/kg							
			Analyzed By: CK							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Alkalinity, Carbonate	<10.0	10.0	12/06/2010	ND				0.00	GAL	
Chloride, SM4500Cl-B			mg/kg							
			Analyzed By: CK							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<10.0	10.0	12/08/2010	ND	14.0	93.3	15.0	0.00	GAL	
Chromium, 60108			mg/kg							
			Analyzed By: JM							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chromium	23.7	1.00	12/07/2010	ND	1.07	107	1.00	1.85	GAL	
Iron 200.7			mg/kg							
			Analyzed By: JM							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Iron	8.7	0.2	12/03/2010	ND	2.0	99.5	2.00	1.01	GAL	
Lead, 60108			mg/kg							
			Analyzed By: JM							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Lead	<5.00	5.00	12/07/2010	ND	4.28	107	4.00	1.62	GAL	
Magnesium, 200.7			mg/kg							
			Analyzed By: JM							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Magnesium	6.5	2.5	12/03/2010	ND	1.9	97.0	2.00	2.08	GAL	
Mercury, 7471A			mg/kg							
			Analyzed By: JM							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Mercury	<0.100	0.100	12/07/2010	ND	0.002	100	0.00200	0.00	GAL	
Potassium, 200.7			mg/kg							
			Analyzed By: JM							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	

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Celest D. Keene, Lab Director/Quality Manager



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Analytical Results For:

T-N-T ENVIRONMENTAL
CRAIG SCHMITZ
70 QUITO ROAD
LINDRITH NM, 87029
Fax To: (575) 774-9116

Received: 12/03/2010
Reported: 12/10/2010
Project Name: LANDFARM
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 11/29/2010
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: CELL #5 VADOSE (H021447-05)

Potassium, 200.7		mg/kg	Analyzed By: JM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Potassium	7.1	2.5	12/03/2010	ND	5.6	112	5.00	1.43	GAL
Selenium, 60108		mg/kg	Analyzed By: JM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Selenium	<20.0	20.0	12/07/2010	ND	4.23	106	4.00	1.18	GAL
Silver, 60108		mg/kg	Analyzed By: JM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Silver	<1.00	1.00	12/07/2010	ND	0.105	105	0.100	0.957	GAL
Sodium, 200.7		mg/kg	Analyzed By: JM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Sodium	37.1	2.5	12/03/2010	ND	6.1	100	8.10	1.36	GAL
Sulfate 375.4		mg/kg	Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Sulfate	<10.0	10.0	12/08/2010	ND	330	103	320	0.00	GAL
Total Alkalinity 310.1M		mg/kg	Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Alkalinity, Total	28.0	10.0	12/06/2010	ND	640	104	616	3.08	GAL
TPH 8015M		mg/kg	Analyzed By: AB						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	12/07/2010	ND	150	75.2	200	2.65	
DRO >C10-C28	<10.0	10.0	12/07/2010	ND	184	92.1	200	6.35	

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

T-N-T ENVIRONMENTAL
CRAIG SCHMITZ
70 OJITO ROAD
LINDRITH NM, 87029
Fax To: (575) 774-9116

Received: 12/03/2010
Reported: 12/10/2010
Project Name: LANDFARM
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 11/29/2010
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: CELL #5 VADOSE (H021447-05)

TPM #015M	mg/kg	Analyzed By: AB							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Surrogate: 1-Chlorooctane	105 %	70-130							
Surrogate: 1-Chlorooctadecane	105 %	70-130							

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Analytical Results For:

T-N-T ENVIRONMENTAL
CRAIG SCHMITZ
70 OJITO ROAD
LINDRITH NM, 87029
Fax To: (575) 774-9116

Received: 12/03/2010
Reported: 12/10/2010
Project Name: LANDFARM
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 11/29/2010
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: CELL #6 VADOSE (H021447-06)

Arsenic, 60108		mg/kg	Analyzed By: JM							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Arsenic	<10.0	10.0	12/07/2010	ND	4.21	105	4.00	0.710	GAL	
Barium, 60108		mg/kg	Analyzed By: JM							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Barium	150	1.00	12/07/2010	ND	2.04	102	2.00	2.90	GAL	
Bicarbonate 310.1M		mg/kg	Analyzed By: CK							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Alkalinity, Bicarbonate	34.0	10.0	12/06/2010	ND				3.17	GAL	
BTEX 80218		mg/kg	Analyzed By: CK							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/08/2010	ND	1.95	97.6	2.00	0.570		
Toluene*	<0.100	0.100	12/08/2010	ND	1.93	96.6	2.00	1.75		
Ethylbenzene*	<0.050	0.050	12/08/2010	ND	1.94	97.0	2.00	2.62		
Total Xylenes*	<0.150	0.150	12/08/2010	ND	5.71	95.1	6.00	2.61		
Surrogate: 4-Bromofluorobenzene (PIL)		101 %	70-J30							
Cadmium, 60108		mg/kg	Analyzed By: JM							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Cadmium	<1.00	1.00	12/07/2010	ND	2.13	106	2.00	1.42	GAL	
Calcium, 200.7		mg/kg	Analyzed By: JM							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Calcium	21.0	2.5	12/03/2010	ND	2.0	101	2.00	20.0	GAL	

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Celest D. Keene, Lab Director/Quality Manager



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Analytical Results For:

T-N-T ENVIRONMENTAL
CRAIG SCHMITZ
70 OJITO ROAD
LINDRITH NM, 87029
Fax To: (575) 774-9116

Received: 12/03/2010
Reported: 12/10/2010
Project Name: LANDFARM
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 11/29/2010
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: CELL #6 VADOSE (H021447-06)

Carbonate 310.1M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Alkalinity, Carbonate	<10.0	10.0	12/06/2010	ND				0.00	GAL
Chloride, SM4500Cl-B		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<10.0	10.0	12/08/2010	ND	14.0	93.3	15.0	0.00	GAL
Chromium, 6010B		mg/kg		Analyzed By: JM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chromium	25.0	1.00	12/07/2010	ND	1.07	107	1.00	1.85	GAL
Iron 200.7		mg/kg		Analyzed By: JM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Iron	8.4	0.2	12/03/2010	ND	2.0	99.5	2.00	1.01	GAL
Lead, 6010B		mg/kg		Analyzed By: JM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Lead	<5.00	5.00	12/07/2010	ND	4.28	107	4.00	1.62	GAL
Magnesium, 200.7		mg/kg		Analyzed By: JM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Magnesium	6.4	2.5	12/03/2010	ND	1.9	97.0	2.00	2.08	GAL
Mercury, 7471A		mg/kg		Analyzed By: JM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Mercury	<0.100	0.100	12/07/2010	ND	0.002	100	0.00200	0.00	GAL
Potassium, 200.7		mg/kg		Analyzed By: JM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier

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Analytical Results For:

T-N-T ENVIRONMENTAL
CRAIG SCHMITZ
70 QJITO ROAD
LINDRITH NM, 87029
Fax To: (575) 774-9116

Received: 12/03/2010
Reported: 12/10/2010
Project Name: LANDFARM
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 11/29/2010
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: CELL #6 VADOSE (H021447-06)

Potassium, 200.7		mg/kg	Analyzed By: JM							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Potassium	5.4	2.5	12/03/2010	ND	5.6	112	5.00	1.43	GAL	
Selenium, 60108		mg/kg	Analyzed By: JM							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Selenium	<20.0	20.0	12/07/2010	ND	4.23	106	4.00	1.18	GAL	
Silver, 60108		mg/kg	Analyzed By: JM							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Silver	<1.00	1.00	12/07/2010	ND	0.105	105	0.100	0.957	GAL	
Sodium, 200.7		mg/kg	Analyzed By: JM							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Sodium	40.5	2.5	12/03/2010	ND	8.1	100	8.10	1.36	GAL	
Sulfate 375.4		mg/kg	Analyzed By: CK							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Sulfate	<10.0	10.0	12/08/2010	ND	330	103	320	0.00	GAL	
Total Alkalinity 310.1M		mg/kg	Analyzed By: CK							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Alkalinity, Total	36.0	10.0	12/06/2010	ND	640	104	616	3.08	GAL	
TPH 8015M		mg/kg	Analyzed By: AB							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	12/07/2010	ND	150	75.2	200	2.65		
ORO >C10-C28	<10.0	10.0	12/07/2010	ND	184	92.1	200	6.35		

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Analytical Results For:

T-N-T ENVIRONMENTAL
CRAIG SCHMITZ
70 OJITO ROAD
LINDRITH NM, 87029
Fax To: (575) 774-9116

Received: 12/03/2010
Reported: 12/10/2010
Project Name: LANDFARM
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 11/29/2010
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: CELL #6 VADOSE (H021447-06)

TPH 8015M	mg/kg	Analyzed By: AD							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Surrogate: 1-Chlorooctane	99.2 %	70-130							
Surrogate: 1-Chlorooctadecane	102 %	70-130							

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Analytical Results For:

T-N-T ENVIRONMENTAL
CRAIG SCHMITZ
70 OJITO ROAD
LINDRITH NM, 87029
Fax To: (575) 774-9116

Received: 12/03/2010
Reported: 12/10/2010
Project Name: LANDFARM
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 11/29/2010
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: CELL #7 VADOSE (H021447-07)

Arsenic, 60108		mg/kg	Analyzed By: JM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Arsenic	<10.0	10.0	12/07/2010	ND	4.21	105	4.00	0.710	GAL
Barium, 60108		mg/kg	Analyzed By: JM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Barium	156	1.00	12/07/2010	ND	2.04	102	2.00	2.90	GAL
Bicarbonate 310.1M		mg/kg	Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Alkalinity, Bicarbonate	35.0	10.0	12/06/2010	ND				3.17	GAL
BTEX 80210		mg/kg	Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/08/2010	ND	1.95	97.6	2.00	0.570	
Toluene*	<0.050	0.050	12/08/2010	ND	1.93	96.6	2.00	1.75	
Ethylbenzene*	<0.050	0.050	12/08/2010	ND	1.94	97.0	2.00	2.62	
Total Xylenes*	<0.150	0.150	12/08/2010	ND	5.71	95.1	6.00	2.61	
Surrogate: 4-Bromofluorobenzene (PIL) 104 % 70-130									
Cadmium, 60108		mg/kg	Analyzed By: JM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Cadmium	<1.00	1.00	12/07/2010	ND	2.13	106	2.00	1.42	GAL
Calcium, 200.7		mg/kg	Analyzed By: JM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Calcium	22.2	2.5	12/03/2010	ND	2.0	101	2.00	20.0	GAL

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Coley D. Keene, Lab Director/Quality Manager



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Analytical Results For:

T-N-T ENVIRONMENTAL
CRAIG SCHMITZ
70 OJITO ROAD
LINDRITH NM, 87029
Fax To: (575) 774-9116

Received: 12/03/2010
Reported: 12/10/2010
Project Name: LANDFARM
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 11/29/2010
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: CELL #7 VADOSE (H021447-07)

Carbonate 310.1M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Alkalinity, Carbonate	<10.0	10.0	12/06/2010	ND				0.00	GAL
Chloride, SM4500Cl-8		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<10.0	10.0	12/08/2010	ND	14.0	93.3	15.0	0.00	GAL
Chromium, 6010B		mg/kg		Analyzed By: JM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chromium	25.8	1.00	12/07/2010	ND	1.07	107	1.00	1.85	GAL
Iron 200.7		mg/kg		Analyzed By: JM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Iron	8.7	0.2	12/03/2010	ND	2.0	99.5	2.00	1.01	GAL
Lead, 6010B		mg/kg		Analyzed By: JM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Lead	<5.00	5.00	12/07/2010	ND	4.28	107	4.00	1.62	GAL
Magnesium, 200.7		mg/kg		Analyzed By: JM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Magnesium	6.7	2.5	12/03/2010	ND	1.9	97.0	2.00	2.08	GAL
Mercury, 7471A		mg/kg		Analyzed By: JM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Mercury	<0.100	0.100	12/07/2010	ND	0.002	100	0.00200	0.00	GAL
Potassium, 200.7		mg/kg		Analyzed By: JM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

T-N-T ENVIRONMENTAL
CRAIG SCHMITZ
70 OJITO ROAD
LINDRITH NM, 87029
Fax To: (575) 774-9116

Received: 12/03/2010
Reported: 12/10/2010
Project Name: LANDFARM
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 11/29/2010
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: CELL #7 VADOSE (H021447-07)

Potassium, 200.7		mg/kg		Analyzed By: JM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Potassium	7.3	2.5	12/03/2010	ND	5.6	112	5.00	1.43	GAL
Selenium, 60108		mg/kg		Analyzed By: JM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Selenium	<20.0	20.0	12/07/2010	ND	4.23	106	4.00	1.18	GAL
Silver, 60108		mg/kg		Analyzed By: JM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Silver	<1.00	1.00	12/07/2010	ND	0.105	105	0.100	0.957	GAL
Sodium, 200.7		mg/kg		Analyzed By: JM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Sodium	46.5	2.5	12/03/2010	ND	8.1	100	8.10	1.36	GAL
Sulfate 375.4		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Sulfate	<10.0	10.0	12/08/2010	ND	330	103	320	0.00	GAL
Total Alkalinity 310.1M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Alkalinity, Total	37.0	10.0	12/06/2010	ND	640	104	616	3.08	GAL
TPH 8015M		mg/kg		Analyzed By: AB					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	12/07/2010	ND	150	75.2	200	2.65	
DRO >C10-C28	<10.0	10.0	12/07/2010	ND	184	92.1	200	6.35	

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

T-N-T ENVIRONMENTAL
 CRAIG SCHMITZ
 70 OJITO ROAD
 LINDRITH NM, 87029
 Fax To: (575) 774-9116

Received: 12/03/2010
 Reported: 12/10/2010
 Project Name: LANDFARM
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

Sampling Date: 11/29/2010
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: CELL #7 VADOSE (H021447-07)

TPH 8015M	mg/kg	Analyzed By: AB							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Surrogate: 1-Chlorooctane	100 %	70-130							
Surrogate: 1-Chlorooctadecane	98.3 %	70-130							

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

T-N-T ENVIRONMENTAL
CRAIG SCHMITZ
70 OJITO ROAD
LINDRITH NM, 87029
Fax To: (575) 774-9116

Received: 12/03/2010
Reported: 12/10/2010
Project Name: LANDFARM
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 11/29/2010
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: CELL #8 VADOSE (H021447-08)

Arsenic, 6010B		mg/kg		Analyzed By: JM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Arsenic	<10.0	10.0	12/07/2010	ND	4.21	105	4.00	0.710	GAL	
Barium, 6010B		mg/kg		Analyzed By: JM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Barium	161	1.00	12/07/2010	ND	2.04	102	2.00	2.90	GAL	
Bicarbonate 310.1M		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Alkalinity, Bicarbonate	44.0	10.0	12/06/2010	ND				3.17	GAL	
BTEX 8021B		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/08/2010	ND	1.95	97.6	2.00	0.570		
Toluene*	<0.500	0.500	12/08/2010	ND	1.93	96.6	2.00	1.75		
Ethylbenzene*	<0.050	0.050	12/08/2010	ND	1.94	97.0	2.00	2.62		
Total Xylenes*	<0.150	0.150	12/08/2010	ND	5.71	95.1	6.00	2.61		
Surrogate 4-Bromofluorobenzene (PIL)		104 %	70-130							
Cadmium, 6010B		mg/kg		Analyzed By: JM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Cadmium	<1.00	1.00	12/07/2010	ND	2.13	106	2.00	1.42	GAL	
Calcium, 200.7		mg/kg		Analyzed By: JM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Calcium	29.3	2.5	12/03/2010	ND	2.0	101	2.00	20.0	GAL	

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Caley D. Keene, Lab Director/Quality Manager



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Analytical Results For:

T-N-T ENVIRONMENTAL
CRAIG SCHMITZ
70 OJITO ROAD
LINDRITH NM, 87029
Fax To: (575) 774-9116

Received: 12/03/2010
Reported: 12/10/2010
Project Name: LANDFARM
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 11/29/2010
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: CELL #8 VADOSE (H021447-08)

Carbonate 310.1M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Alkalinity, Carbonate	12.0	10.0	12/06/2010	ND				0.00	GAL
Chloride, SM4500Cl-B		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<10.0	10.0	12/08/2010	ND	14.0	93.3	15.0	0.00	GAL
Chromium, 6010B		mg/kg		Analyzed By: JM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chromium	28.2	1.00	12/07/2010	ND	1.07	107	1.00	1.85	GAL
Iron 200.7		mg/kg		Analyzed By: JM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Iron	7.0	0.2	12/03/2010	ND	2.0	99.5	2.00	1.01	GAL
Lead, 6010B		mg/kg		Analyzed By: JM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Lead	<5.00	5.00	12/07/2010	ND	4.28	107	4.00	1.62	GAL
Magnesium, 200.7		mg/kg		Analyzed By: JM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Magnesium	7.6	2.5	12/03/2010	ND	1.9	97.0	2.00	2.08	GAL
Mercury, 7471A		mg/kg		Analyzed By: JM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Mercury	<0.100	0.100	12/07/2010	ND	0.002	100	0.00200	0.00	GAL
Potassium, 200.7		mg/kg		Analyzed By: JM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

T-N-T ENVIRONMENTAL
CRAIG SCHMITZ
70 OJITO ROAD
LINDRITH NM, 87029
Fax To: (575) 774-9116

Received: 12/03/2010
Reported: 12/10/2010
Project Name: LANDFARM
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 11/29/2010
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: CELL #8 VADOSE (H021447-08)

Potassium, 200.7		mg/kg		Analyzed By: JM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Potassium	5.5	2.5	12/03/2010	ND	5.6	112	5.00	1.43	GAL
Selenium, 60108		mg/kg		Analyzed By: JM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Selenium	<20.0	20.0	12/07/2010	ND	4.23	106	4.00	1.18	GAL
Silver, 60108		mg/kg		Analyzed By: JM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Silver	<1.00	1.00	12/07/2010	ND	0.105	105	0.100	0.957	GAL
Sodium, 200.7		mg/kg		Analyzed By: JM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Sodium	93.2	2.5	12/03/2010	ND	8.1	100	8.10	1.36	GAL
Sulfate 375.4		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Sulfate	12.0	10.0	12/08/2010	ND	330	103	320	0.00	GAL
Total Alkalinity 310.1M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Alkalinity, Total	56.0	10.0	12/06/2010	ND	640	104	616	3.08	GAL
TPH 8015M		mg/kg		Analyzed By: AB					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	12/07/2010	ND	150	75.2	200	2.65	
DRO >C10-C28	<10.0	10.0	12/07/2010	ND	184	92.1	200	6.35	

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

T-N-T ENVIRONMENTAL
CRAIG SCHMITZ
70 OJITO ROAD
LINDRITH NM, 87029
Fax To: (575) 774-9116

Received: 12/03/2010
Reported: 12/10/2010
Project Name: LANDFARM
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 11/29/2010
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: CELL #8 VADOSE (H021447-08)

TPH 8015M

mg/kg

Analyzed By: AB

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Surrogate: 1-Chlorooctane	100 %	70-130							
Surrogate: 1-Chlorooctadecane	102 %	70-130							

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Analytical Results For:

T-N-T ENVIRONMENTAL
CRAIG SCHMITZ
70 OJITO ROAD
LINDRITH NM, 87029
Fax To: (575) 774-9116

Received: 12/03/2010
Reported: 12/10/2010
Project Name: LANDFARM
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 11/29/2010
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: CELL #9 VADOSE (H021447-09)

Arsenic, 60108		mg/kg		Analyzed By: JM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Arsenic	<10.0	10.0	12/07/2010	ND	4.21	105	4.00	0.710	GAL	
Barium, 60108		mg/kg		Analyzed By: JM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Barium	148	1.00	12/07/2010	ND	2.04	102	2.00	2.90	GAL	
Bicarbonate 310.1M		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Alkalinity, Bicarbonate	33.0	10.0	12/06/2010	ND				3.17	GAL	
BTEX 80218		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/08/2010	ND	1.95	97.5	2.00	0.570		
Toluene*	<0.050	0.050	12/08/2010	ND	1.93	96.6	2.00	1.75		
Ethylbenzene*	<0.050	0.050	12/08/2010	ND	1.94	97.0	2.00	2.62		
Total Xylenes*	<0.150	0.150	12/08/2010	ND	5.71	95.1	6.00	2.61		
Surrogate: 4-Bromofluorobenzene (PIL)		100 %	70-130							
Cadmium, 60108		mg/kg		Analyzed By: JM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Cadmium	<1.00	1.00	12/07/2010	ND	2.13	106	2.00	1.42	GAL	
Calcium, 200.7		mg/kg		Analyzed By: JM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Calcium	21.0	2.5	12/03/2010	ND	2.0	101	2.00	20.0	GAL	

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

T-N-T ENVIRONMENTAL
CRAIG SCHMITZ
70 OJITO ROAD
LINDRITH NM, 87029
Fax To: (575) 774-9116

Received: 12/03/2010
Reported: 12/10/2010
Project Name: LANDFARM
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 11/29/2010
Sampling Type: Soil
Sampling Condition: Coal & Intact
Sample Received By: Jodi Henson

Sample ID: CELL #9 VADOSE (H021447-09)

Carbonate 310.1M		mg/kg	Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Alkalinity, Carbonate	<10.0	10.0	12/06/2010	ND				0.00	GAL
Chloride, SM4500Cl-B		mg/kg	Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<10.0	10.0	12/08/2010	ND	14.0	93.3	15.0	0.00	GAL
Chromium, 6010B		mg/kg	Analyzed By: JM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chromium	25.4	1.00	12/07/2010	ND	1.07	107	1.00	1.85	GAL
Iron 200.7		mg/kg	Analyzed By: JM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Iron	6.1	0.2	12/03/2010	ND	2.0	99.5	2.00	1.01	GAL
Lead, 6010B		mg/kg	Analyzed By: JM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Lead	<5.00	5.00	12/07/2010	ND	4.28	107	4.00	1.62	GAL
Magnesium, 200.7		mg/kg	Analyzed By: JM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Magnesium	6.4	2.5	12/03/2010	ND	1.9	97.0	2.00	2.08	GAL
Mercury, 7471A		mg/kg	Analyzed By: JM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Mercury	<0.100	0.100	12/07/2010	ND	0.002	100	0.00200	0.00	GAL
Potassium, 200.7		mg/kg	Analyzed By: JM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier

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Celest D. Keene, Lab Director/Quality Manager



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Analytical Results For:

T-N-T ENVIRONMENTAL
CRAIG SCHMITZ
70 OJITO ROAD
LINDRITH NM, 87029
Fax To: (575) 774-9116

Received: 12/03/2010
Reported: 12/10/2010
Project Name: LANDFARM
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 11/29/2010
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: CELL #9 VADOSE (H021447-09)

Potassium, 200.7		mg/kg	Analyzed By: JM							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Potassium	5.4	2.5	12/03/2010	ND	5.6	112	5.00	1.43	GAL	
Selenium, 60108		mg/kg	Analyzed By: JM							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Selenium	<20.0	20.0	12/07/2010	ND	4.23	106	4.00	1.18	GAL	
Silver, 60108		mg/kg	Analyzed By: JM							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Silver	<1.00	1.00	12/07/2010	ND	0.105	105	0.100	0.957	GAL	
Sodium, 200.7		mg/kg	Analyzed By: JM							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Sodium	43.1	2.5	12/03/2010	ND	8.1	100	8.10	1.36	GAL	
Sulfate 375.4		mg/kg	Analyzed By: CK							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Sulfate	<10.0	10.0	12/08/2010	ND	330	103	320	0.00	GAL	
Total Alkalinity 310.1M		mg/kg	Analyzed By: CK							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Alkalinity, Total	35.0	10.0	12/06/2010	ND	640	104	616	3.08	GAL	
TPH 8015M		mg/kg	Analyzed By: AB							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	12/07/2010	ND	165	82.4	200	0.741		
DRO >C10-C28	<10.0	10.0	12/07/2010	ND	207	103	200	4.34		

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Celey D. Keene, Lab Director/Quality Manager



PHONE (775) 383-2828 • 101 E. MARLAND • HONOLULU, HI 96840

Analytical Results For:

T-N-T ENVIRONMENTAL
CRAIG SCHMITZ
70 OJITO ROAD
LINDRITH NM, 87029
Fax To: (575) 774-9116

Received: 12/03/2010
Reported: 12/10/2010
Project Name: LANDFARM
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 11/29/2010
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: CELL #9 VADOSE (H021447-09)

TPH 8015M	mg/kg	Analyzed By: AB							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Surrogate: 1-Chlorooctane	99.0 %	70-130							
Surrogate: 1-Chlorooctadecane	106 %	70-130							

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Celest D. Keene, Lab Director/Quality Manager



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Analytical Results For:

T-N-T ENVIRONMENTAL
CRAIG SCHMITZ
70 OJITO ROAD
LINDRITH NM, 87029
Fax To: (575) 774-9116

Received: 12/03/2010
Reported: 12/10/2010
Project Name: LANDFARM
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 11/29/2010
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: CELL #10 VADOSE (M021447-10)

Arsenic, 60108		mg/kg		Analyzed By: JM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Arsenic	<10.0	10.0	12/07/2010	ND	4.21	105	4.00	0.710	GAL
Barium, 60108		mg/kg		Analyzed By: JM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Barium	153	1.00	12/07/2010	ND	2.04	102	2.00	2.90	GAL
Bicarbonate 310.1M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Alkalinity, Bicarbonate	27.0	10.0	12/06/2010	ND				3.17	GAL
BTEX 8021B		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/08/2010	ND	1.95	97.6	2.00	0.570	
Toluene*	<0.050	0.050	12/08/2010	ND	1.93	96.6	2.00	1.75	
Ethylbenzene*	<0.050	0.050	12/08/2010	ND	1.94	97.0	2.00	2.62	
Total Xylenes*	<0.150	0.150	12/08/2010	ND	5.71	95.1	6.00	2.61	
Surrogate: 4-Bromofluorobenzene (PIL) 101 % 70-130									
Cadmium, 60108		mg/kg		Analyzed By: JM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Cadmium	<1.00	1.00	12/07/2010	ND	2.13	106	2.00	1.42	GAL
Calcium, 200.7		mg/kg		Analyzed By: JM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Calcium	22.5	2.5	12/03/2010	ND	2.0	101	2.00	20.0	GAL

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Analytical Results For:

T-N-T ENVIRONMENTAL
CRAIG SCHMITZ
70 QUITO ROAD
LINDRITH NM, 87029
Fax To: (575) 774-9116

Received: 12/03/2010
Reported: 12/10/2010
Project Name: LANDFARM
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 11/29/2010
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: CELL #10 VADOSE (H021447-10)

Carbonate 310.1M		mg/kg	Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Alkalinity, Carbonate	<10.0	10.0	12/06/2010	ND				0.00	GAL
Chloride, SM4500Cl-B		mg/kg	Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<10.0	10.0	12/08/2010	ND	14.0	93.3	15.0	0.00	GAL
Chromium, 6010B		mg/kg	Analyzed By: JM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chromium	26.2	1.00	12/07/2010	ND	1.07	107	1.00	1.85	GAL
Iron 200.7		mg/kg	Analyzed By: JM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Iron	7.5	0.2	12/03/2010	ND	2.0	99.5	2.00	1.01	GAL
Lead, 6010B		mg/kg	Analyzed By: JM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Lead	<5.00	5.00	12/07/2010	ND	4.28	107	4.00	1.62	GAL
Magnesium, 200.7		mg/kg	Analyzed By: JM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Magnesium	6.8	2.5	12/03/2010	ND	1.9	97.0	2.00	2.08	GAL
Mercury, 7471A		mg/kg	Analyzed By: JM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Mercury	<0.100	0.100	12/07/2010	ND	0.002	100	0.00200	0.00	GAL
Potassium, 200.7		mg/kg	Analyzed By: JM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

T-N-T ENVIRONMENTAL
CRAIG SCHMITZ
70 OJITO ROAD
LINDRITH NM, 87029
Fax To: (575) 774-9116

Received: 12/03/2010
Reported: 12/10/2010
Project Name: LANDFARM
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 11/29/2010
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: CELL #10 VADOSE (H021447-10)

Potassium, 200.7		mg/kg		Analyzed By: JM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Potassium	6.0	2.5	12/03/2010	ND	5.6	112	5.00	1.43	GAL	
Selenium, 6010B		mg/kg		Analyzed By: JM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Selenium	<20.0	20.0	12/07/2010	ND	4.23	106	4.00	1.18	GAL	
Silver, 6010B		mg/kg		Analyzed By: JM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Silver	<1.00	1.00	12/07/2010	ND	0.105	105	0.100	0.957	GAL	
Sodium, 200.7		mg/kg		Analyzed By: JM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Sodium	47.8	2.5	12/03/2010	ND	8.1	100	8.10	1.36	GAL	
Sulfate 375.4		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Sulfate	<10.0	10.0	12/08/2010	ND	330	103	320	0.00	GAL	
Total Alkalinity 310.1M		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Alkalinity, Total	29.0	10.0	12/06/2010	ND	640	104	616	3.08	GAL	
TPH 8015M		mg/kg		Analyzed By: AB						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	12/07/2010	ND	165	82.4	200	0.741		
DRO >C10-C28	<10.0	10.0	12/07/2010	ND	207	103	200	4.34		

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Celest D. Keene, Lab Director/Quality Manager



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Analytical Results For:

T-N-T ENVIRONMENTAL
 CRAIG SCHMITZ
 70 OJITO ROAD
 LINDRITH NM, 87029
 Fax To: (575) 774-9116

Received: 12/03/2010
 Reported: 12/10/2010
 Project Name: LANDFARM
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

Sampling Date: 11/29/2010
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: CELL #10 VADOSE (H021447-10)

TPH 8015M	mg/kg	Analyzed By: AB							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Surrogate: 1-Chlorooctane	95.1 %	70-130							
Surrogate: 1-Chlorooctadecane	96.2 %	70-130							

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Analytical Results For:

T-N-T ENVIRONMENTAL
CRAIG SCHMITZ
70 OJITO ROAD
LINDRITH NM, 87029
Fax To: (575) 774-9116

Received: 12/03/2010
Reported: 12/10/2010
Project Name: LANDFARM
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 11/29/2010
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: CELL #11 VADOSE (H021447-11)

Arsenic, 6010B **mg/kg** **Analyzed By: JM**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Arsenic	<10.0	10.0	12/07/2010	ND	1.21	105	4.00	0.710	GAL

Barium, 6010B **mg/kg** **Analyzed By: JM**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Barium	169	1.00	12/07/2010	ND	2.04	102	2.00	2.90	GAL

Bicarbonate 310.1M **mg/kg** **Analyzed By: CK**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Alkalinity, Bicarbonate	34.0	10.0	12/06/2010	ND				3.17	GAL

BTEX 6021B **mg/kg** **Analyzed By: CK**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/08/2010	ND	1.95	97.6	2.00	0.570	
Toluene*	<0.100	0.100	12/08/2010	ND	1.93	96.6	2.00	1.75	
Ethylbenzene*	<0.100	0.100	12/08/2010	ND	1.94	97.0	2.00	2.62	
Total Xylenes*	<0.400	0.400	12/08/2010	ND	5.71	95.1	6.00	2.61	

Surrogate 4-Bromofluorobenzene (PIL) **102 %** **70-130**

Cadmium, 6010B **mg/kg** **Analyzed By: JM**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Cadmium	<1.00	1.00	12/07/2010	ND	2.13	106	2.00	1.42	GAL

Calcium, 200.7 **mg/kg** **Analyzed By: JM**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Calcium	29.8	2.5	12/03/2010	ND	2.0	101	2.00	20.0	GAL

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Analytical Results For:

T-N-T ENVIRONMENTAL
CRAIG SCHMITZ
70 OJITO ROAD
LINDRITH NM, 87029
Fax To: (575) 774-9116

Received: 12/03/2010
Reported: 12/10/2010
Project Name: LANDFARM
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 11/29/2010
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: CELL #11 VADOSE (H021447-11)

Carbonate 310.1M		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Alkalinity, Carbonate	<10.0	10.0	12/06/2010	ND				0.00	GAL	
Chloride, SM4500Cl-B		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<10.0	10.0	12/08/2010	ND	14.0	93.3	15.0	0.00	GAL	
Chromium, 6010B		mg/kg		Analyzed By: JM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chromium	26.3	1.00	12/07/2010	ND	1.07	107	1.00	1.85	GAL	
Iron 200.7		mg/kg		Analyzed By: JM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Iron	5.6	0.2	12/03/2010	ND	2.0	99.5	2.00	1.01	GAL	
Lead, 6010B		mg/kg		Analyzed By: JM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Lead	<5.00	5.00	12/07/2010	ND	4.28	107	4.00	1.62	GAL	
Magnesium, 200.7		mg/kg		Analyzed By: JM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Magnesium	8.2	2.5	12/03/2010	ND	1.9	97.0	2.00	2.08	GAL	
Mercury, 7471A		mg/kg		Analyzed By: JM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Mercury	<0.100	0.100	12/07/2010	ND	0.002	100	0.00200	0.00	GAL	
Potassium, 200.7		mg/kg		Analyzed By: JM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

T-N-T ENVIRONMENTAL
 CRAIG SCHMITZ
 70 OJITO ROAD
 LINDRITH NM, 87029
 Fax To: (575) 774-9116

Received: 12/03/2010
 Reported: 12/10/2010
 Project Name: LANDFARM
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

Sampling Date: 11/29/2010
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: CELL #11 VADOSE (H021447-11)

Potassium, 200.7		mg/kg		Analyzed By: JM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Potassium	6.8	2.5	12/03/2010	ND	5.6	112	5.00	1.43	GAL	
Selenium, 60108		mg/kg		Analyzed By: JM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Selenium	<20.0	20.0	12/07/2010	ND	4.23	106	4.00	1.18	GAL	
Silver, 60108		mg/kg		Analyzed By: JM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Silver	<1.00	1.00	12/07/2010	ND	0.105	105	0.100	0.957	GAL	
Sodium, 200.7		mg/kg		Analyzed By: JM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Sodium	43.2	2.5	12/03/2010	ND	8.1	100	8.10	1.36	GAL	
Sulfate 375.4		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Sulfate	<10.0	10.0	12/08/2010	ND	330	103	320	0.00	GAL	
Total Alkalinity 310.1M		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Alkalinity, Total	36.0	10.0	12/06/2010	ND	640	104	616	3.08	GAL	
TPH 8015M		mg/kg		Analyzed By: AB						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	12/07/2010	ND	165	82.4	200	0.741		
DRO >C10-C28	<10.0	10.0	12/07/2010	ND	207	103	200	4.34		

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Caley D. Keene, Lab Director/Quality Manager



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Analytical Results For:

T-N-T ENVIRONMENTAL
 CRAIG SCHMITZ
 70 OJITO ROAD
 LINDRITH NM, 87029
 Fax To: (575) 774-9116

Received: 12/03/2010
 Reported: 12/10/2010
 Project Name: LANDFARM
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

Sampling Date: 11/29/2010
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: CELL #11 VADOSE (H021447-11)

TPM 8015M

mg/kg

Analyzed By: AB

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<i>Surrogate: 1-Chlorooctane</i>	102 %	70-130							
<i>Surrogate: 1-Chlorooctadecane</i>	103 %	70-130							

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Celcy D. Keene, Lab Director/Quality Manager



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Analytical Results For:

T-N-T ENVIRONMENTAL
CRAIG SCHMITZ
70 OJITO ROAD
LINDRITH NM, 87029
Fax To: (575) 774-9116

Received: 12/03/2010
Reported: 12/10/2010
Project Name: LANDFARM
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 11/29/2010
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: CELL #12 VADOSE (H021447-12)

Arsenic, 6010B		mg/kg		Analyzed By: JM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Arsenic	<10.0	10.0	12/07/2010	ND	4.21	105	4.00	0.710	GAL	
Barium, 6010B		mg/kg		Analyzed By: JM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Barium	157	1.00	12/07/2010	ND	2.04	102	2.00	2.90	GAL	
Bicarbonate 310.1M		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Alkalinity, Bicarbonate	37.0	10.0	12/06/2010	ND				3.17	GAL	
BTEX 8021B		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/08/2010	ND	1.95	97.6	2.00	0.570		
Toluene*	<0.050	0.050	12/08/2010	ND	1.93	96.6	2.00	1.75		
Ethylbenzene*	<0.050	0.050	12/08/2010	ND	1.94	97.0	2.00	2.62		
Total Xylenes*	<0.150	0.150	12/08/2010	ND	5.71	95.1	6.00	2.61		
Surrogate: 4-Bromofluorobenzene (PIL)		107 %	70-130							
Cadmium, 6010B		mg/kg		Analyzed By: JM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Cadmium	<1.00	1.00	12/07/2010	ND	2.13	106	2.00	1.42	GAL	
Calcium, 200.7		mg/kg		Analyzed By: JM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Calcium	23.0	2.5	12/03/2010	ND	2.0	101	2.00	20.0	GAL	

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Cdey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

T-N-T ENVIRONMENTAL
CRAIG SCHMITZ
70 OJITO ROAD
LINDRITH NM, 87029
Fax To: (575) 774-9116

Received: 12/03/2010
Reported: 12/10/2010
Project Name: LANDFARM
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 11/29/2010
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: CELL #12 VADOSE (H021447-12)

Carbonate 310.1M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Alkalinity, Carbonate	<10.0	10.0	12/06/2010	ND				0.00	GAL
Chloride, SM4500Cl-B		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<10.0	10.0	12/08/2010	ND	14.0	93.3	15.0	0.00	GAL
Chromium, 60108		mg/kg		Analyzed By: JM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chromium	25.3	1.00	12/07/2010	ND	1.07	107	1.00	1.85	GAL
Iron 200.7		mg/kg		Analyzed By: JM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Iron	7.8	0.2	12/03/2010	ND	2.0	99.5	2.00	1.01	GAL
Lead, 60108		mg/kg		Analyzed By: JM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Lead	5.00	5.00	12/07/2010	ND	4.28	107	4.00	1.62	GAL
Magnesium, 200.7		mg/kg		Analyzed By: JM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Magnesium	6.8	2.5	12/03/2010	ND	1.9	97.0	2.00	2.08	GAL
Mercury, 7471A		mg/kg		Analyzed By: JM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Mercury	<0.100	0.100	12/07/2010	ND	0.002	100	0.00200	0.00	GAL
Potassium, 280.7		mg/kg		Analyzed By: JM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier

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Celcy D. Keene

Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

T-N-T ENVIRONMENTAL
CRAIG SCHMITZ
70 OJITO ROAD
LINDRITH NM, 87029
Fax To: (575) 774-9116

Received: 12/03/2010
Reported: 12/10/2010
Project Name: LANDFARM
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 11/29/2010
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: CELL #12 VADOSE (H021447-12)

Potassium, 200.7		mg/kg		Analyzed By: JM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Potassium	7.3	2.5	12/03/2010	ND	5.6	112	5.00	1.43	GAL	
Selenium, 60108		mg/kg		Analyzed By: JM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Selenium	<20.0	20.0	12/07/2010	ND	4.23	106	4.00	1.18	GAL	
Silver, 60108		mg/kg		Analyzed By: JM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Silver	<1.00	1.00	12/07/2010	ND	0.105	105	0.100	0.957	GAL	
Sodium, 200.7		mg/kg		Analyzed By: JM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Sodium	56.7	2.5	12/03/2010	ND	8.1	100	8.10	1.36	GAL	
Sulfate 375.4		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Sulfate	10.0	10.0	12/08/2010	ND	330	103	320	0.00	GAL	
Total Alkalinity 310.1M		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Alkalinity, Total	39.0	10.0	12/06/2010	ND	640	104	616	3.08	GAL	
TPH 8015M		mg/kg		Analyzed By: AB						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	12/07/2010	ND	165	82.4	200	0.741		
DRO >C10-C28	<10.0	10.0	12/07/2010	ND	207	103	200	4.34		

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Cecily D. Keene, Lab Director/Quality Manager



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Analytical Results For:

T-N-T ENVIRONMENTAL
CRAIG SCHMITZ
70 QUITO ROAD
LINDRITH NM, 87029
Fax To: (575) 774-9116

Received: 12/03/2010
Reported: 12/10/2010
Project Name: LANDFARM
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 11/29/2010
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: CELL #12 VADOSE (H021447-12)

TPH 8015M		mg/kg		Analyzed By: AB					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Surrogate: 1-Chlorooctane	100 %	70-130							
Surrogate: 1-Chlorooctadecane	104 %	70-130							

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GAL	Analysis subcontracted to Green Analytical Laboratories, a subsidiary of Cardinal Laboratories.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
⋯	Samples not received at proper temperature of 6°C or below.
⋯	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

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Celest D. Keene, Lab Director/Quality Manager

☐ No Water Detected

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September 02, 2010

CRAIG SCHMITZ
T-N-T ENVIRONMENTAL
70 OJITO ROAD
LINDRITH, NM 87029

RE: LANDFARM

Enclosed are the results of analyses for samples received by the laboratory on 08/24/10 9:45.

Cardinal Laboratories is accredited through Texas NELAP for:

Method SW-846 8021	Benzene, Toluene, Ethyl Benzene, and Total Xylenes
Method SW-846 8260	Benzene, Toluene, Ethyl Benzene, and Total Xylenes
Method TX 1005	Total Petroleum Hydrocarbons

Certificate number T104704398-08-TX. Accreditation applies to solid and chemical materials and non-potable water matrices.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene
Lab Director/Quality Manager



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Analytical Results For:

T-N-T ENVIRONMENTAL
CRAIG SCHMITZ
70 OJITO ROAD
LINDRITH NM, 87029
Fax To: (575) 774-9116

Received: 08/24/2010
Reported: 09/02/2010
Project Name: LANDFARM
Project Number: LANDFARM
Project Location: NOT GIVEN

Sampling Date: 08/16/2010
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: CELL # 1 VADOZE (H020703-01)

BTX 80218

mg/kg

Analyzed By: CK

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/28/2010	ND	2.18	109	2.00	0.348	
Toluene*	<0.050	0.050	08/28/2010	ND	2.22	111	2.00	0.706	
Ethylbenzene*	<0.050	0.050	08/28/2010	ND	2.29	114	2.00	0.572	
Total Xylenes*	<0.150	0.150	08/28/2010	ND	6.80	113	6.00	0.273	

Surrogate: 4-Bromofluorobenzene (PIT) 103 % 80-120

Chloride, SM4500Cl-B

mg/kg

Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/25/2010	ND	416	104	400	0.00	

TPH 8015M

mg/kg

Analyzed By: AB

QM-07

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	09/01/2010	ND	171	85.6	200	4.59	
DRO >C10-C28	<10.0	10.0	09/01/2010	ND	207	103	200	7.76	

Surrogate: 1-Chlorooctane 96.5 % 70-130

Surrogate: 1-Chlorooctadecane 74.2 % 70-130

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Analytical Results For:

T-N-T ENVIRONMENTAL
 CRAIG SCHMITZ
 70 OJITO ROAD
 LINDRITH NM, 87029
 Fax To: (575) 774-9116

Received: 08/24/2010
 Reported: 09/02/2010
 Project Name: LANDFARM
 Project Number: LANDFARM
 Project Location: NOT GIVEN

Sampling Date: 08/16/2010
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: CELL # 2 VADOZE (H020703-02)

BTX 8021B		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/28/2010	ND	2.18	109	2.00	0.348	
Toluene*	<0.050	0.050	08/28/2010	ND	2.22	111	2.00	0.706	
Ethylbenzene*	<0.050	0.050	08/28/2010	ND	2.29	114	2.00	0.572	
Total Xylenes*	<0.150	0.150	08/28/2010	ND	6.80	113	6.00	0.273	

Surrogate: 4-Bromofluorobenzene (PIL) 102 % 90-120

Chloride, SM4500Cl-B		mg/kg		Analyzed By: NM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/25/2010	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: AB					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	09/01/2010	ND	171	85.6	200	4.59	
DRO >C10-C28	<10.0	10.0	09/01/2010	ND	207	103	200	7.76	

Surrogate: 1-Chlorooctane 87.0 % 70-130

Surrogate: 1-Chlorooctadecane 54.1 % 70-130

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

T-N-T ENVIRONMENTAL
CRAIG SCHMITZ
70 OJITO ROAD
LINDRITH NM, 87029
Fax To: (575) 774-9116

Received: 08/24/2010
Reported: 09/02/2010
Project Name: LANDFARM
Project Number: LANDFARM
Project Location: NOT GIVEN

Sampling Date: 08/16/2010
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: CELL # 3 VADOZE (H020703-03)**BTEX 80210**

mg/kg

Analyzed By: CK

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/28/2010	ND	2.18	109	2.00	0.348	
Toluene*	<0.050	0.050	08/28/2010	ND	2.22	111	2.00	0.706	
Ethylbenzene*	<0.050	0.050	08/28/2010	ND	2.29	114	2.00	0.572	
Total Xylenes*	<0.150	0.150	08/28/2010	ND	6.80	113	6.00	0.273	

Surrogate: 4-Bromofluorobenzene (PII) 102 % 80-120

Chloride, SM4500Cl-B

mg/kg

Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/25/2010	ND	416	104	400	0.00	

TPH R015M

mg/kg

Analyzed By: AB

QM-07, S-04

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	09/01/2010	ND	165	82.4	200	1.48	
DRO >C10-C28	<10.0	10.0	09/01/2010	ND	191	95.6	200	16.6	

Surrogate: 1-Chlorooctane 82.8 % 70-130

Surrogate: 1-Chlorooctadecane 67.4 % 70-130

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

T-N-T ENVIRONMENTAL
CRAIG SCHMITZ
70 OJITO ROAD
LINDRITH NM, 87029
Fax To: (575) 774-9116

Received: 08/24/2010
Reported: 09/02/2010
Project Name: LANDFARM
Project Number: LANDFARM
Project Location: NOT GIVEN

Sampling Date: 08/16/2010
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: CELL #4 VADOZE (H020703-04)

BTX 8021B		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/28/2010	ND	2.18	109	2.00	0.348	
Toluene*	<0.050	0.050	08/28/2010	ND	2.22	111	2.00	0.706	
Ethylbenzene*	<0.050	0.050	08/28/2010	ND	2.29	114	2.00	0.572	
Total Xylenes*	<0.150	0.150	08/28/2010	ND	6.80	113	6.00	0.273	

Surrogate: 4-Bromofluorobenzene (PIL) 104 % 80-120

Chloride, SMA500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/25/2010	ND	416	104	400	0.00	
TPH 8015M		mg/kg		Analyzed By: AB					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	09/01/2010	ND	165	82.4	200	1.48	
DRO >C10-C28	<10.0	10.0	09/01/2010	ND	191	95.6	200	16.6	

Surrogate: 1-Chlorooctane 71.9 % 70-130

Surrogate: 1-Chlorooctadecane 46.9 % 70-130

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Celey D. Keene, Lab Director/Quality Manager



PHONE (776) 393-2826 • 101 E. MARLAND • HOORS, NM 86240

Analytical Results For:

T-N-T ENVIRONMENTAL
CRAIG SCHMITZ
70 QJITO ROAD
LINDRITH NM, 87029
Fax To: (575) 774-9116

Received: 08/24/2010
Reported: 09/02/2010
Project Name: LANDFARM
Project Number: LANDFARM
Project Location: NOT GIVEN

Sampling Date: 08/16/2010
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: CELL #5 VADOZE (H020703-05)

BTXES 8021B

mg/kg

Analyzed By: CK

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/28/2010	ND	2.18	109	2.00	0.348	
Toluene*	<0.050	0.050	08/28/2010	ND	2.22	111	2.00	0.706	
Ethylbenzene*	<0.050	0.050	08/28/2010	ND	2.29	114	2.00	0.572	
Total Xylenes*	<0.150	0.150	08/28/2010	ND	6.80	113	6.00	0.273	

Surrogate: 4-Bromofluorobenzene (PIL) 102 % 80-120

Chloride, SM4500Cl-B

mg/kg

Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/25/2010	ND	416	104	400	0.00	

TPH 8015M

mg/kg

Analyzed By: AB

QM-07

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	09/01/2010	ND	165	82.4	200	1.48	
DRO >C10-C28	<10.0	10.0	09/01/2010	ND	191	95.6	200	16.6	

Surrogate: 1-Chlorooctane 83.1 % 70-130

Surrogate: 1-Chlorooctadecane 73.7 % 70-130

Cardinal Laboratories

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Celest D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 • 101 E. MARLAND • MORGAN, NM 87040

Analytical Results For:

T-N-T ENVIRONMENTAL
CRAIG SCHMITZ
70 OJITO ROAD
LINDRITH NM, 87029
Fax To: (575) 774-9116

Received: 08/24/2010
Reported: 09/02/2010
Project Name: LANDFARM
Project Number: LANDFARM
Project Location: NOT GIVEN

Sampling Date: 08/16/2010
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: CELL #6 VADOZE (H020703-06)

BTEX 80218		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/28/2010	ND	2.28	114	2.00	11.5	
Toluene*	<0.050	0.050	08/28/2010	ND	2.22	111	2.00	12.6	
Ethylbenzene*	<0.050	0.050	08/28/2010	ND	2.30	115	2.00	12.4	
Total Xylenes*	<0.150	0.150	08/28/2010	ND	6.80	113	6.00	11.8	

Surrogate: 4-Bromofluorobenzene (PTC) 101 % 80-120

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/25/2010	ND	416	104	400	0.00	
TPH 8015M		mg/kg		Analyzed By: AB					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier

GRO C6-C10	<10.0	10.0	09/02/2010	ND	165	82.4	200	1.48	
DRO >C10-C28	<10.0	10.0	09/02/2010	ND	191	95.6	200	16.6	

Surrogate: 1-Chlorooctane 91.2 % 70-130

Surrogate: 1-Chlorooctadecane 85.3 % 70-130

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

T-N-T ENVIRONMENTAL
CRAIG SCHMITZ
70 OJITO ROAD
LINDRITH NM, 87029
Fax To: (575) 774-9116

Received: 08/24/2010
Reported: 09/02/2010
Project Name: LANDFARM
Project Number: LANDFARM
Project Location: NOT GIVEN

Sampling Date: 08/16/2010
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: CELL #7 VADOZE (H020703-07)

BTX 8021B

mg/kg

Analyzed By: CK

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/28/2010	ND	2.28	114	2.00	11.5	
Toluene*	<0.050	0.050	08/28/2010	ND	2.22	111	2.00	12.6	
Ethylbenzene*	<0.050	0.050	08/28/2010	ND	2.30	115	2.00	12.4	
Total Xylenes*	<0.150	0.150	08/28/2010	ND	6.80	113	6.00	11.8	

Surrogate: 4-Bromofluorobenzene (PIL) 100 % 80-120

Chloride, SM4500Cl-B

mg/kg

Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/25/2010	ND	416	104	100	0.00	

TPH 8015M

mg/kg

Analyzed By: AB

QM-07, S-04

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	09/02/2010	ND	165	82.4	200	1.48	
DRO >C10-C28	<10.0	10.0	09/02/2010	ND	191	95.6	200	16.6	

Surrogate: 1-Chlorooctane 84.5 % 70-130

Surrogate: 1-Chlorooctadecane 68.7 % 70-130

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 352-2226 • 104 E. MARLAND • MOORE, NM 87040

Analytical Results For:

T-N-T ENVIRONMENTAL
 CRAIG SCHMITZ
 70 OJITO ROAD
 LINDRITH NM, 87029
 Fax To: (575) 774-9116

Received: 08/24/2010
 Reported: 09/02/2010
 Project Name: LANDFARM
 Project Number: LANDFARM
 Project Location: NOT GIVEN

Sampling Date: 08/16/2010
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: CELL #8 VADOZE (H020703-08)

BTX A0218			mg/kg		Analyzed By: CK				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/28/2010	ND	2.28	114	2.00	11.5	
Toluene*	<0.050	0.050	08/28/2010	ND	2.22	111	2.00	12.6	
Ethylbenzene*	<0.050	0.050	08/28/2010	ND	2.30	115	2.00	12.4	
Total Xylenes*	<0.150	0.150	08/28/2010	ND	6.80	113	6.00	11.8	

Surrogate: 4-Bromofluorobenzene (PIE) 102 % 80-120

Chloride, SM4300Cl-0			mg/kg		Analyzed By: MM				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/25/2010	ND	416	104	400	0.00	

TPH 8015M			mg/kg		Analyzed By: AB				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	09/02/2010	ND	165	82.4	200	1.48	
DRO >C10-C28	<10.0	10.0	09/02/2010	ND	191	95.6	200	16.6	

Surrogate: 1-Chlorooctane 87.4 % 70-130

Surrogate: 1-Chlorooctadecane 80.5 % 70-130

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

T-N-T ENVIRONMENTAL
CRAIG SCHMITZ
70 OJITO ROAD
LINDRITH NM, 87029
Fax To: (575) 774-9116

Received: 08/24/2010
Reported: 09/02/2010
Project Name: LANDFARM
Project Number: LANDFARM
Project Location: NOT GIVEN

Sampling Date: 08/16/2010
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: CELL #9 VADOZE (H020703-09)

BTX 8021B

mg/kg

Analyzed By: CK

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/28/2010	ND	2.28	111	2.00	11.5	
Toluene*	<0.050	0.050	08/28/2010	ND	2.22	111	2.00	12.6	
Ethylbenzene*	<0.050	0.050	08/28/2010	ND	2.30	115	2.00	12.4	
Total Xylenes*	<0.150	0.150	08/28/2010	ND	6.80	113	6.00	11.8	

Surrogate: 4-Bromofluorobenzene (PIZ) 102 % 80-120

Chloride, SM4500Cl-B

mg/kg

Analyzed By: MM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/25/2010	ND	416	104	400	0.00	

TPH 8015M

mg/kg

Analyzed By: AB

QM-07, S-04

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	09/02/2010	ND	165	82.4	200	1.48	
ORO >C10-C28	<10.0	10.0	09/02/2010	ND	191	95.6	200	16.6	

Surrogate: 1-Chlorooctane 76.4 % 70-130

Surrogate: 1-Chlorooctadecane 42.3 % 70-130

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

T-N-T ENVIRONMENTAL
CRAIG SCHMITZ
70 OJITO ROAD
LINDRITH NM, 87029
Fax To: (575) 774-9116

Received: 08/24/2010
Reported: 09/02/2010
Project Name: LANDFARM
Project Number: LANDFARM
Project Location: NOT GIVEN

Sampling Date: 08/16/2010
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: CELL #10 VADOZE (H020703-10)**BTEX 8021B****mg/kg****Analyzed By: CK**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/29/2010	ND	2.28	114	2.00	11.5	
Toluene*	<0.050	0.050	08/29/2010	ND	2.22	111	2.00	12.6	
Ethylbenzene*	<0.050	0.050	08/29/2010	ND	2.30	115	2.00	12.4	
Total Xylenes*	<0.150	0.150	08/29/2010	ND	6.80	113	6.00	11.8	

Surrogate: 4-Bromofluorobenzene (PIL) 101 % 80-120

Chloride, SM4500Cl-B**mg/kg****Analyzed By: MM**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/25/2010	ND	116	104	400	0.00	

TPH 8015M**mg/kg****Analyzed By: AB****QM-07, S-04**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	09/02/2010	ND	165	82.4	200	1.48	
DRO >C10-C28	<10.0	10.0	09/02/2010	ND	191	95.6	200	16.6	

Surrogate: 1-Chloroacetic acid 84.4 % 70-130

Surrogate: 1-Chlorooctadecane 52.7 % 70-130

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Celest D. Keene, Lab Director/Quality Manager



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Analytical Results For:

T-N-T ENVIRONMENTAL
 CRAIG SCHMITZ
 70 QUITO ROAD
 LINDRITH NM, 87029
 Fax To: (575) 774-9116

Received: 08/24/2010
 Reported: 09/02/2010
 Project Name: LANDFARM
 Project Number: LANDFARM
 Project Location: NOT GIVEN

Sampling Date: 08/16/2010
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: CELL #11 VADOZE (H020703-11)

BTEX #021B		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/29/2010	ND	2.28	114	2.00	11.5	
Toluene*	<0.050	0.050	08/29/2010	ND	2.22	111	2.00	12.6	
Ethylbenzene*	<0.050	0.050	08/29/2010	ND	2.30	115	2.00	12.4	
Total Xylenes*	<0.150	0.150	08/29/2010	ND	6.80	113	6.00	11.8	

Surrogate: 4-Bromofluorobenzene (PIL) 101 % 80-120

Chloride, SM4500Cl-B		mg/kg		Analyzed By: NM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/25/2010	ND	416	104	400	0.00	

TPH #015M		mg/kg		Analyzed By: AB					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	09/02/2010	ND	165	82.4	200	1.48	
DRO >C10-C28	<10.0	10.0	09/02/2010	ND	191	95.6	200	16.6	

Surrogate: 1-Chlorooctane 80.7 % 70-130

Surrogate: 1-Chlorooctadecane 53.3 % 70-130

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Celey D. Keene, Lab Director/Quality Manager

Page 12 of 16



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Analytical Results For:

T-N-T ENVIRONMENTAL
CRAIG SCHMITZ
70 OJITO ROAD
LINDRITH NM, 87029
Fax To: (575) 774-9116

Received: 08/24/2010
Reported: 09/02/2010
Project Name: LANDFARM
Project Number: LANDFARM
Project Location: NOT GIVEN

Sampling Date: 08/16/2010
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: CELL #12 VADOZE (H020703-12)**BTEX 80210****mg/kg****Analyzed By: CK**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/29/2010	ND	2.28	114	2.00	11.5	
Toluene*	<0.050	0.050	08/29/2010	ND	2.22	111	2.00	12.6	
Ethylbenzene*	<0.050	0.050	08/29/2010	ND	2.30	115	2.00	12.4	
Total Xylenes*	<0.150	0.150	08/29/2010	ND	6.80	113	6.00	11.8	

Surrogate: 4-Bromofluorobenzene (PIL) 104 % 80-120

Chloride, SM4500Cl-B**mg/kg****Analyzed By: HM**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/25/2010	ND	416	104	100	0.00	

TPH 8015M**mg/kg****Analyzed By: AS****QM-07, S-04**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	09/02/2010	ND	165	82.4	200	1.48	
DRO >C10-C28	<10.0	10.0	09/02/2010	ND	191	95.6	200	16.6	

Surrogate: 1-Chlorooctane 123 % 70-130

Surrogate: 1-Chlorooctadecane 142 % 70-130

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Celey D. Keene, Lab Director/Quality Manager



CHAIN OF CUSTODY RECORD

Page 2 of 2

Client: T-N-T Environmental

Contact: Cecily Schmitz

Address: _____

Phone Number: 505-320-2130

FAX Number: _____

NOTES:

- 1) Ensure proper container packaging.
- 2) Ship samples promptly following collection.
- 3) Designate Sample Reject Disposition.

PO# _____

Project Name: _____

Table 1. - Matrix Type

1 = Surface Water, 2 = Ground Water
3 = Soil/Sediment, 4 = Rinseate, 5 = Oil
6 = Waste, 7 = Other (Specify) _____

FOR GAL USE ONLY

GAL JOB # _____

Samplers Signature: _____

Lab Name: Green Analytical Laboratories (970) 247-4220 FAX (970) 247-4227		Analyses Required										Comments											
Address: 75 Suttle Street, Durango, CO 81303		Collection		Miscellaneous			Preservative(s)						TIC	GC	HPLC	IC	MS	TOC	TPH	BTEX	Chlorides		
Sample ID	Date	Time	Collected by: (init.)	Matrix Type From Table 1	No. of Containers	Sample Filtered? Y/N	Unpreserved (Ice Only)	HNO3	HCL	H2SO4	NAOH											Other (Specify)	
H20103	8/14/10		TLS	3	1	N	✓																
11	8/14/10		TLS	3	1	N	✓																
12	8/14/10		TLS	3	1	N	✓																
3.																							
4.																							
5.																							
6.																							
7.																							
8.																							
9.																							
10.																							
Relinquished by: <u>[Signature]</u>			Date: <u>8-20-10</u>	Time: <u>13:16</u>	Received by: <u>[Signature]</u>			Date: <u>8/20/10</u>	Time: <u>13:16</u>	Relinquished by: <u>[Signature]</u>			Date: <u>8/24/10</u>	Time: <u>9:45</u>									
Relinquished by: _____			Date: _____	Time: _____	Received by: _____			Date: _____	Time: _____	Relinquished by: _____			Date: _____	Time: _____									

* Sample Reject: | Return | Dispose | Store (30 Days)

5°C CFI #26



Client: T-NT Environmental
Contact: Craig Schmitz
Address: _____
Phone Number: 505-820-7131
FAX Number: _____

CHAIN OF CUSTODY RECORD

Page 1 of 2

NOTES:

- 1) Ensure proper container packaging.
- 2) Ship samples promptly following collection.
- 3) Designate Sample Reject Disposition.

PO# _____

Project Name: _____

Table 1. - Matrix Type

1 = Surface Water, 2 = Ground Water
3 = Soil/Sediment, 4 = Rinsate, 5 = Oil
6 = Waste, 7 = Other (Specify) _____

FOR GAL USE ONLY

GAL JOB # _____

Samplers Signature: _____

Lab Name: Green Analytical Laboratories (970) 247-4220 FAX (970) 247-4227		Analyses Required										Comments	
Address: 75 Suttle Street, Durango, CO 81303		Collection		Miscellaneous			Preservative(s)						
Sample ID	Date	Time	Collected by: (Init.)	Matrix Type From Table 1	No. of Containers	Sample Filtered? Y/N	Unpreserved (Ice Only)	HNO3	HCL	H2SO4	NAOH		Other (Specify)
H20703													
1. C-211-2	8/15/10		TLS	3	1	2	✓						TPH GRC-PRC
2. C-211-2													BTEX
3. C-211-2													CHLORIDES
4. C-211-2													
5. C-211-2													
6. C-211-2													
7. C-211-2													
8. C-211-2													
9. C-211-2													
10. C-211-2													
Relinquished by: _____		Date: 8-20-10	Time: 13:16	Received by: _____		Date: 8/24/10	Time: 9:45						
Relinquished by: _____		Date: _____	Time: _____	Received by: _____		Date: _____	Time: _____						

* Sample Reject: [] Return [] Dispose [] Store (30 Days)

5°C C.I. #26

Page 15 of 16



PHONE (575) 292-2126 • 181 E. MARLAND • HOBBS, NM 88240

Notes and Definitions

- S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
- QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- ** Samples not received at proper temperature of 6°C or below.
- *** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

T-n-T Environmental, Inc.
HCR 74 Box 113
Lindrith, NM 87029

RECEIVED
2010 JAN 21 PM 2 46

Oil Conservation Division
Attn: **Brad Jones**
1220 South Saint Francis
Santa Fe, NM 87505

OCD Annual and Quarterly Report

Due Date 11-30-09

Date Sent 1-19-10

☒ Test Results of Quarterly Treatment Zone Monitoring of Land Farm Cells 1,
2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, for TPH and BTEX.

☐ Test Results of Annual Treatment Zone Monitoring of Land Farm Cells: _____,
_____, _____, _____, _____, _____, _____, _____, _____, for Cations/Anions and 8
RCRA Heavy Metals.

☐ Annual Report of Weekly Testing of Leak Detection Sumps on Pond 1 and 3

☐ Water Detected, Test Results included

☐ No Water Detected

☐ Annual Report of Monthly Testing of Monitor Well's Surrounding Pond 2

☐ Water Detected, Test Results Included

☐ No Water Detected

T-n-T Environmental, Inc.
HCR 74 Box 113
Lindrith, NM 87029

1-19-10

Oil Conservation Division
Attn: Brad Jones
RE: Test results

Sir,

I am sending this letter to clear up a misunderstanding on our part. The test results from T-n-T land farm that we sent you dated 8/25/09 & the current one I'm sending you dated 1/12/10 were labeled wrong on the samples. We labeled them as monitoring zone & they should have been labeled treatment zone. Please make a note on your records of this misunderstanding.

The reason we made this mistake is that we got confused trying to understand what we needed to be doing on our testing between the 711 permit & the 36 rules. We are planning on a meeting with an environmental consultant to help us figure out what we need to be doing to be in compliance.

We will be contacting you in the future to set a date to meet & go over some of the information & to clarify some gray areas that we may not be able to understand.

Sorry for the confusion & we are looking forward to meeting with you.

Craig Schmitz

T-n-T Environmental, Inc
575-774-6504



PHONE (575) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

January 18, 2010

Craig Schmitz
T-N-T Environmental
HCR 74 Box 113
Lindrieth, NM 87029

Re: T-N-T Landfarm

Enclosed are the results of analyses for sample number H19031, received by the laboratory on 01/12/10 at 11:05 am.

Cardinal Laboratories is accredited through Texas NELAP for:

Method SW-846 8021	Benzene, Toluene, Ethyl Benzene, and Total Xylenes
Method SW-846 8260	Benzene, Toluene, Ethyl Benzene, and Total Xylenes
Method TX 1005	Total Petroleum Hydrocarbons

Certificate number T104704398-08-TX. Accreditation applies to solid and chemical materials and non-potable water matrices.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.2	Regulated VOCs (V2, V3)

Accreditation applies to public drinking water matrices.

Total Number of Pages of Report: 5 (includes Chain of Custody)

Sincerely,

Celey D. Keene
Laboratory Director

This report conforms with NELAP requirements.



PHONE (575) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR
T-N-T ENVIRONMENTAL
ATTN: CRAIG SCHMITZ
HCR 74 BOX 113
LINDRITH, NM 87029
FAX TO (575) 774-9116

Receiving Date: 01/12/10
Reporting Date: 01/18/10
Project Number: T-N-T LANDFARM
Project Name: T-N-T LANDFARM
Project Location: NOT GIVEN

Sampling Date: 12/01/09
Sample Type: SOIL
Sample Condition: COOL & INTACT @ 4°C
Sample Received By: JH
Analyzed By: AB/ZL

LAB NO.	SAMPLE ID	GRO (C ₆ -C ₁₀) (mg/kg)	DRO (>C ₁₀ -C ₂₈) (mg/kg)	DRO ext. (>C ₂₈ -C ₃₅) (mg/kg)	BENZENE (mg/kg)	TOLUENE (mg/kg)	ETHYL BENZENE (mg/kg)	TOTAL XYLENES (mg/kg)
ANALYSIS DATE:		01/15/10	01/15/10	01/15/10	01/12/10	01/12/10	01/12/10	01/12/10
H19031-1	CELL #1 MONITORING	<10.0	460	56.9	<0.050	<0.050	<0.050	<0.300
H19031-2	CELL #2 MONITORING	<10.0	1,640	270	<0.050	<0.050	<0.050	<0.300
H19031-3	CELL #3 MONITORING	<10.0	524	49.4	<0.050	<0.050	<0.050	<0.300
H19031-4	CELL #4 MONITORING	<10.0	1,100	145	<0.050	<0.050	<0.050	<0.300
H19031-5	CELL #5 MONITORING	<10.0	3,470	544	<0.050	<0.050	<0.050	<0.300
Quality Control		466	595	-	0.048	0.047	0.048	0.152
True Value QC		500	500	-	0.050	0.100	0.100	0.150
% Recovery		93.2	119	-	96.0	47.0	48.0	101
Relative Percent Difference		1.8	0.6	-	7.6	3.5	3.4	3.6

METHODS: TPH GRO & DRO - EPA SW-846 8015 M; BTEX - SW-846 8021B. Reported on wet weight.

TEXAS NELAP ACCREDITATION T104704398-08-TX FOR BENZENE, TOLUENE, ETHYL BENZENE, AND TOTAL XYLENES. Not accredited for GRO/DRO/DRO ext.

GRO/DRO/Ext. DRO extracted and analyzed outside EPA recommended hold time. BTEX extracted and analyzed outside of EPA recommended hold time.

Lab Director

Date

H19031 TPHexiBTEX TNT ENV

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited in the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above-stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



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ANALYTICAL RESULTS FOR
T-N-T ENVIRONMENTAL
ATTN: CRAIG SCHMITZ
HCR 74 BOX 113
LINDRITH, NM 87029
FAX TO (575) 774-9116

Receiving Date: 01/12/10
Reporting Date: 01/18/10
Project Number: T-N-T LANDFARM
Project Name: T-N-T LANDFARM
Project Location: NOT GIVEN

Sampling Date: 12/01/09
Sample Type: SOIL
Sample Condition: COOL & INTACT @ 4°C
Sample Received By: JH
Analyzed By: AB/ZL

LAB NO.	SAMPLE ID	GRO (C ₆ -C ₁₀) (mg/kg)	DRO (>C ₁₀ -C ₂₆) (mg/kg)	DRO ext: (>C ₂₆ -C ₃₅) (mg/kg)	BENZENE (mg/kg)	TOLUENE (mg/kg)	ETHYL BENZENE (mg/kg)	TOTAL XYLENES (mg/kg)
ANALYSIS DATE:		01/15/10	01/15/10	01/15/10	01/12/10	01/12/10	01/12/10	01/12/10
H19031-6	CELL #6 MONITORING	<10.0	1,620	197	<0.050	<0.050	<0.050	<0.300
H19031-7	CELL #7 MONITORING	<10.0	784	99.1	<0.050	<0.050	<0.050	<0.300
H19031-8	CELL #8 MONITORING	<10.0	1,140	171	<0.050	<0.050	<0.050	<0.300
H19031-9	CELL #9 MONITORING	<10.0	343	56.2	0.084	0.128	<0.050	<0.300
H19031-10	CELL #10 MONITORING	19.1	1,050	148	<0.050	<0.050	<0.050	0.756
H19031-11	CELL #11 MONITORING	<10.0	483	78.3	<0.050	0.076	0.079	0.400
H19031-12	CELL #12 MONITORING	150	1,970	290	<0.050	0.133	0.228	4.56
Quality Control		456	458	-	0.048	0.047	0.048	0.152
True Value QC		500	500	-	0.050	0.100	0.100	0.150
% Recovery		91.2	91.6	-	96.0	47.0	48.0	101
Relative Percent Difference		3.8	0.4	-	7.6	3.5	3.4	3.6

METHODS: TPH GRO & DRO - EPA SW-846 8015 M; BTEX - SW-846 8021B. Reported on wet weight.

TEXAS NELAP ACCREDITATION T104704398-08-TX FOR BENZENE, TOLUENE, ETHYL BENZENE, AND TOTAL XYLENES. Not accredited for GRO/DRO/DRO ext.

GRO/DRO/Ext. DRO extracted and analyzed outside EPA recommended hold time. BTEX extracted and analyzed outside of EPA recommended hold time.


Lab Director


Date

H19031 TPHeXBTEX TNT ENV

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above-stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



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ANALYTICAL RESULTS FOR
T-N-T ENVIRONMENTAL
ATTN: CRAIG SCHMITZ
HCR 74 BOX 113
LINDRITH, NM 87029
FAX TO: (575) 774-9116

Receiving Date: 01/12/10
Reporting Date: 01/17/10
Project Number: T-N-T LANDFARM
Project Name: T-N-T LAND FARM
Project Location: NOT GIVEN

Analysis Date: 01/15/10
Sampling Date: 12/01/09
Sample Type: SOIL
Sample Condition: COOL & INTACT @ 4°C
Sample Received By: JH
Analyzed By: HM

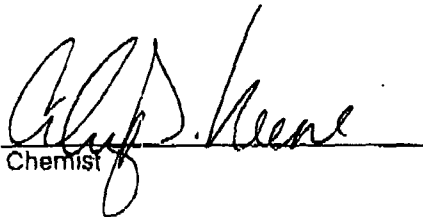
LAB NO.	SAMPLE ID	Cl ⁻ (mg/kg)
H19031-1	CELL #1 MONITORING	64
H19031-2	CELL #2 MONITORING	224
H19031-3	CELL #3 MONITORING	32
H19031-4	CELL #4 MONITORING	112
H19031-5	CELL #5 MONITORING	320
H19031-6	CELL #6 MONITORING	320
H19031-7	CELL #7 MONITORING	288
H19031-8	CELL #8 MONITORING	48
H19031-9	CELL #9 MONITORING	16
H19031-10	CELL #10 MONITORING	96
H19031-11	CELL #11 MONITORING	272
H19031-12	CELL #12 MONITORING	224
Quality Control		510
True Value QC		500
% Recovery		100
Relative Percent Difference		2.0

METHOD: Standard Methods

4500-Cl⁻B

Note: Analyses performed on 1:4 w/v aqueous extracts.

Analyzed outside EPA recommended hold time. Not accredited for Chloride.


Chemist


Date

H19031Cl T-N-T Environmental

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Green Analytical Lab.

Chain of Custody Record

Client T-N-T Environmental
 Address HCR 74 Box 113
 City/State/Zip Lindrich N.M. 87029
 Project Name/Number T-N-T Land Farm
 Contract/Purchase Order/Quote _____

Lab Job No. _____ Date 12-1-09
 Page 1 of 1
 Project Manager/Contact Craig Schmitz
 Telephone No. 505-320-2130
 Fax No. 575-774-9116
 Samplers (signature) [Signature]

ARSA Fraction Number	Field Sample Number / Location	Date	Time	Sample Type	Type / Size of Container	Preservation		Remarks	
						Temp.	Chemical		
#19031-1	Cell #1 Monitoring	12-1		Soil					
-2	Cell #2 " "	12-1							
-3	Cell #3 " "	12-1							
-4	Cell #4 " "	12-1							
-5	Cell #5 " "	12-1							
-6	Cell #6 " "	12-1							
-7	Cell #7 " "	12-1							
-8	Cell #8 " "	12-1							
-9	Cell #9 " "	12-1							
-10	Cell #10 " "	12-1							
-11	Cell #11 " "	12-1							
-12	Cell #12 " "	12-1							

Cancel *
 1304-12-1-09
 505-320-2130
 505-774-9116

Relinquished by:
 Signature [Signature]
 Printed _____
 Company _____
 Reason _____
 Date 1/8/10
 Time 12:08 AM

Received by:
 Signature Christina Clark
 Printed _____
 Company _____
 Reason _____

Relinquished by:
 Signature _____
 Printed _____
 Company _____
 Reason _____
 Date 1/8/10
 Time 1208

Received by:
 Signature Jodi Benson
 Printed 1/14/10
 Company 11:05
 Reason _____

Method of Shipment _____
 Shipment No. _____
 Special Instructions: _____

Comments: * Cancel as per Craig 1/15/10. ck
Informed of hold time.

After analysis, samples are to be:
 40c
 #26
☐ Disposed of (additional fee)
☐ Stored (30 days max)
☐ Stored over 30 days (additional fee)
☐ Returned to customer

T-n-T Environmental, Inc.
HCR 74 Box 113
Lindrith, NM 87029

RECEIVED OCD

2010 MAY 17 P 1:07

Oil Conservation Division
Attn: Brad Jones
1220 South Saint Francis
Santa Fe, NM 87505

OCD Annual and Quarterly Report

Due Date May 31st

Date Sent _____

☒ Test Results of Semi-annual Treatment Zone Monitoring of Land Farm Cells 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, for TPH, BTEX and chloride. Due May 31st, & November 30th

☒ Test Results of Quarterly Vadose Zone Monitoring of Land Farm Cells 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, for TPH, BTEX and chloride. Due May 31st, August 31st, & November 30th

☐ Test Results of Annual Vadose Zone Monitoring of Land Farm Cells _____, for Major Cations and Anions. Due November 30th

☒ Annual Report of Weekly Testing of Leak Detection Sumps on Pond 1.

☒ Water Detected, Test Results included

Due May 31st

☐ No Water Detected

☒ Annual Report of Weekly Testing of Leak Detection Sumps on Pond 3.

☒ Water Detected, Test Results include

Due May 31st

☐ No Water Detected

☒ Annual Report of Monthly Testing of Monitor Well's Surrounding Pond 2.

☒ Water Detected, Test Results Included

Due May 31st

☐ No Water Detected



PHONE (575) 383-2328 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR
T-N-T ENVIRONMENTAL
ATTN: TONY SCHMITZ
70 OJITO RD.
LINDRITH, NM 87029
FAX TO (575) 774-9116

Receiving Date: 04/22/10
Reporting Date: 04/26/10
Project Number: NOT GIVEN
Project Name: LANDFARM
Project Location: NOT GIVEN

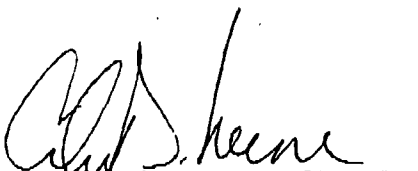
Sampling Date: 04/19/10
Sample Type: SOIL
Sample Condition: INTACT @ 14°C
Sample Received By: JH
Analyzed By: AB

LAB NUMBER	SAMPLE ID	GRO (C ₆ -C ₁₀) (mg/kg)	DRO (>C ₁₀ -C ₂₈) (mg/kg)
		04/24/10	04/24/10
H19729-13*	CELL #1 TREATMENT	<10.0	<10.0
H19729-14*	CELL #2 TREATMENT	<10.0	354
H19729-15	CELL #3 TREATMENT	<10.0	<10.0
H19729-16*	CELL #4 TREATMENT	<10.0	412
H19729-17*	CELL #5 TREATMENT	<10.0	983
H19729-18*	CELL #6 TREATMENT	<10.0	494
H19729-19*	CELL #7 TREATMENT	<10.0	260
H19729-20	CELL #8 TREATMENT	<10.0	260
Quality Control		569	571
True Value QC		500	500
% Recovery		114	114
Relative Percent Difference		4.2	0.6

METHOD: SW-846 8015 M

Not accredited for GRO/DRO.

*One or more TPH surrogates outside historical limits due to matrix interference.


Chemist

04/27/10
Date

H19729 T TNT ENV

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PHONE (575) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR
T-N-T ENVIRONMENTAL
ATTN: TONY SCHMITZ
70 OJITO RD.
LINDRITH, NM 87029
FAX TO (575) 774-9116

Receiving Date: 04/22/10
Reporting Date: 04/26/10
Project Number: NOT GIVEN
Project Name: LANDFARM
Project Location: NOT GIVEN

Sampling Date: 04/19/10
Sample Type: SOIL
Sample Condition: INTACT @ 14°C
Sample Received By: JH
Analyzed By: AB

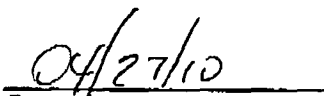
LAB NUMBER	SAMPLE ID	GRO (C ₈ -C ₁₀) (mg/kg)	DRO (>C ₁₀ -C ₂₈) (mg/kg)
		04/24/10	04/24/10
ANALYSIS DATE:		04/24/10	04/24/10
H19729-21*	CELL #9 TREATMENT	<10.0	164
H19729-22	CELL #10 TREATMENT	<10.0	846
H19729-23	CELL #11 TREATMENT	<10.0	1,430
H19729-24	CELL #12 TREATMENT	<10.0	1,820
Quality Control		565	590
True Value QC		500	500
% Recovery		113	118
Relative Percent Difference		1.8	2.3

METHOD: SW-846 8015 M

Not accredited for GRO/DRO.

*One or more TPH surrogates outside historical limits due to matrix interference.


Chemist


Date

H19729 T TNT ENV

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analysis. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above-stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



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ANALYTICAL RESULTS FOR
T-N-T ENVIRONMENTAL
ATTN: TONY SCHMITZ
70 OJITO RD.
LINDRITH, NM 87029
FAX TO (575) 774-9116

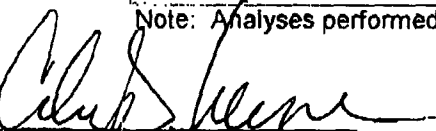
Receiving Date: 04/22/10
Reporting Date: 04/30/10
Project Number: NOT GIVEN
Project Name: LANDFARM
Project Location: NOT GIVEN

Analysis Date: 04/29/10
Sampling Date: 04/19/10
Sample Type: SOIL
Sample Condition: INTACT @ 14°C
Sample Received By: JH
Analyzed By: HM

LAB NUMBER	SAMPLE ID	Cl ⁻ (mg/kg)
H19729-13	CELL #1 TREATMENT	< 16
H19729-14	CELL #2 TREATMENT	32
H19729-15	CELL #3 TREATMENT	< 16
H19729-16	CELL #4 TREATMENT	96
H19729-17	CELL #5 TREATMENT	192
H19729-18	CELL #6 TREATMENT	96
H19729-19	CELL #7 TREATMENT	16
H19729-20	CELL #8 TREATMENT	< 16
H19729-21	CELL #9 TREATMENT	< 16
H19729-22	CELL #10 TREATMENT	64
H19729-23	CELL #11 TREATMENT	80
H19729-24	CELL #12 TREATMENT	32
Quality Control		500
True Value QC		500
% Recovery		100
Relative Percent Difference		< 0.1

METHOD: Standard Methods 4500-Cl⁻B

Note: Analyses performed on 1:4 w:v aqueous extracts.


Chemist

04/30/10
Date

H19729 T-N-T ENVIRO

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above-stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



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ANALYTICAL RESULTS FOR
T-N-T ENVIRONMENTAL
ATTN: TONY SCHMITZ
70 OJITO RD.
LINDRITH, NM 87029
FAX TO (575) 774-9116

Receiving Date: 04/22/10
Reporting Date: 04/26/10
Project Number: NOT GIVEN
Project Name: LANDFARM
Project Location: NOT GIVEN

Sampling Date: 04/19/10
Sample Type: SOIL
Sample Condition: INTACT @ 14°C
Sample Received By: JH
Analyzed By: AB/ZL

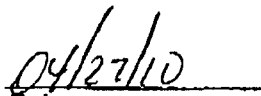
LAB NO.	SAMPLE ID	GRO (C ₆ -C ₁₀) (mg/kg)	DRO (C ₁₀ -C ₂₈) (mg/kg)	BENZENE (mg/kg)	TOLUENE (mg/kg)	ETHYL BENZENE (mg/kg)	TOTAL XYLENES (mg/kg)
ANALYSIS DATE:		04/24/10	04/24/10	04/26/10	04/26/10	04/26/10	04/26/10
H19729-1	CELL #1 VADOZE	<10.0	<10.0	<0.100	<0.100	<0.100	<0.300
H19729-2	CELL #2 VADOZE	<10.0	<10.0	<0.100	<0.100	<0.100	<0.300
H19729-3	CELL #3 VADOZE	<10.0	<10.0	<0.100	<0.100	<0.100	<0.300
H19729-4	CELL #4 VADOZE	<10.0	<10.0	<0.100	<0.100	<0.100	<0.300
H19729-5*	CELL #5 VADOZE	<10.0	<10.0	<0.100	<0.100	<0.100	<0.300
H19729-6*	CELL #6 VADOZE	<10.0	<10.0	<0.100	<0.100	<0.100	<0.300
H19729-7	CELL #7 VADOZE	<10.0	<10.0	<0.100	<0.100	<0.100	<0.300
H19729-8*	CELL #8 VADOZE	<10.0	<10.0	<0.100	<0.100	<0.100	<0.300
H19729-9	CELL #9 VADOZE	<10.0	<10.0	<0.100	<0.100	<0.100	<0.300
H19729-10*	CELL #10 VADOZE	<10.0	<10.0	<0.100	<0.100	<0.100	<0.300
H19729-11*	CELL #11 VADOZE	<10.0	<10.0	<0.100	<0.100	<0.100	<0.300
H19729-12	CELL #12 VADOZE	<10.0	<10.0	<0.100	<0.100	<0.100	<0.300
Quality Control		569	571	0.010	0.011	0.010	0.032
True Value QC		500	500	0.010	0.010	0.010	0.030
% Recovery		114	114	100	110	100	107
Relative Percent Difference		4.2	0.6	<1.0	<1.0	6.3	5.0

METHODS: TPH GRO & DRO - EPA SW-846 8015 M; BTEX - SW-846 8260B. Reported on wet weight.

TEXAS NELAP ACCREDITATION T104704398-08-TX FOR BENZENE, TOLUENE, ETHYL BENZENE, AND TOTAL XYLENES. Not accredited for GRO/DRO.

*One or more TPH surrogates outside historical limits due to matrix interference.


Lab Director


Date

H19729 TPHBTEX TNT ENV

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ANALYTICAL RESULTS FOR
T-N-T ENVIRONMENTAL
ATTN: TONY SCHMITZ
70 OJITO RD.
LINDRITH, NM 87029
FAX TO (575) 774-9116

Receiving Date: 04/22/10
Reporting Date: 04/30/10
Project Number: NOT GIVEN
Project Name: LANDFARM
Project Location: NOT GIVEN

Analysis Date: 04/29/10
Sampling Date: 04/19/10
Sample Type: SOIL
Sample Condition: INTACT @ 14°C
Sample Received By: JH
Analyzed By: HM

LAB NUMBER	SAMPLE ID	Cl ⁻ (mg/kg)
H19729-1	CELL #1 VADOZE	< 16
H19729-2	CELL #2 VADOZE	< 16
H19729-3	CELL #3 VADOZE	< 16
H19729-4	CELL #4 VADOZE	< 16
H19729-5	CELL #5 VADOZE	< 16
H19729-6	CELL #6 VADOZE	< 16
H19729-7	CELL #7 VADOZE	< 16
H19729-8	CELL #8 VADOZE	< 16
H19729-9	CELL #9 VADOZE	< 16
H19729-10	CELL #10 VADOZE	< 16
H19729-11	CELL #11 VADOZE	< 16
H19729-12	CELL #12 VADOZE	< 16
Quality Control		500
True Value QC		500
% Recovery		100
Relative Percent Difference		< 0.1

METHOD: Standard Methods

4500-Cl⁻B

Note: Analyses performed on 1:4 w:v aqueous extracts.

Calif. Sheene
Chemist

04/30/10
Date

H19729 T-N-T ENVIRO

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T-n-T Environmental, Inc.
HCR 74 Box 113
Lindrith, NM 87029

Oil Conservation Division
Attn: Brad Jones
1220 South Saint Francis
Santa Fe, NM 87505

OCD Annual and Quarterly Report

Due Date May 31st

Date Sent _____

☒ Test Results of Semi-annual Treatment Zone Monitoring of Land Farm Cells 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, for TPH, BTEX and chloride. Due May 31st, & November 30th

☒ Test Results of Quarterly Vadose Zone Monitoring of Land Farm Cells 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, for TPH, BTEX and chloride. Due May 31st, August 31st, & November 30th

☐ Test Results of Annual Vadose Zone Monitoring of Land Farm Cells _____, for Major Cations and Anions. Due November 30th

☒ Annual Report of Weekly Testing of Leak Detection Sumps on Pond 1.

☒ Water Detected, Test Results included Due May 31st

☐ No Water Detected

☒ Annual Report of Weekly Testing of Leak Detection Sumps on Pond 3.

☒ Water Detected, Test Results include Due May 31st

☐ No Water Detected

☒ Annual Report of Monthly Testing of Monitor Well's Surrounding Pond 2.

☒ Water Detected, Test Results Included Due May 31st

☐ No Water Detected



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ANALYTICAL RESULTS FOR
T-N-T ENVIRONMENTAL
ATTN: TONY SCHMITZ
70 OJITO RD.
LINDRITH, NM 87029
FAX TO (575) 774-9116

Receiving Date: 04/22/10
Reporting Date: 04/26/10
Project Number: NOT GIVEN
Project Name: LANDFARM
Project Location: NOT GIVEN

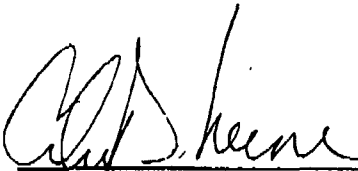
Sampling Date: 04/19/10
Sample Type: SOIL
Sample Condition: INTACT @ 14°C
Sample Received By: JH
Analyzed By: AB

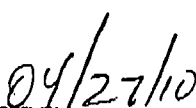
LAB NUMBER	SAMPLE ID	GRO (C ₆ -C ₁₀) (mg/kg)	DRO (>C ₁₀ -C ₂₀) (mg/kg)
		04/24/10	04/24/10
H19729-13*	CELL #1 TREATMENT	<10.0	<10.0
H19729-14*	CELL #2 TREATMENT	<10.0	354
H19729-15	CELL #3 TREATMENT	<10.0	<10.0
H19729-16*	CELL #4 TREATMENT	<10.0	412
H19729-17*	CELL #5 TREATMENT	<10.0	983
H19729-18*	CELL #6 TREATMENT	<10.0	494
H19729-19*	CELL #7 TREATMENT	<10.0	260
H19729-20	CELL #8 TREATMENT	<10.0	260
Quality Control		569	571
True Value QC		500	500
% Recovery		114	114
Relative Percent Difference		4.2	0.6

METHOD: SW-846 8015 M

Not accredited for GRO/DRO.

*One or more TPH surrogates outside historical limits due to matrix interference.


Chemist


Date

H19729 T TNT ENV

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ANALYTICAL RESULTS FOR
T-N-T ENVIRONMENTAL
ATTN: TONY SCHMITZ
70 OJITO RD.
LINDRITH, NM 87029
FAX TO (575) 774-9116

Receiving Date: 04/22/10
Reporting Date: 04/26/10
Project Number: NOT GIVEN
Project Name: LANDFARM
Project Location: NOT GIVEN

Sampling Date: 04/19/10
Sample Type: SOIL
Sample Condition: INTACT @ 14°C
Sample Received By: JH
Analyzed By: AB

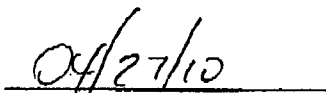
LAB NUMBER	SAMPLE ID	GRO	DRO
		(C ₆ -C ₁₀) (mg/kg)	(>C ₁₀ -C ₂₈) (mg/kg)
ANALYSIS DATE:		04/24/10	04/24/10
H19729-21*	CELL #9 TREATMENT	<10.0	164
H19729-22	CELL #10 TREATMENT	<10.0	846
H19729-23	CELL #11 TREATMENT	<10.0	1,430
H19729-24	CELL #12 TREATMENT	<10.0	1,820
Quality Control		565	590
True Value QC		500	500
% Recovery		113	118
Relative Percent Difference		1.8	2.3

METHOD: SW-846 8015 M

Not accredited for GRO/DRO.

*One or more TPH surrogates outside historical limits due to matrix interference.


Chemist


Date

H19729 T TNT ENV

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ANALYTICAL RESULTS FOR
T-N-T ENVIRONMENTAL
ATTN: TONY SCHMITZ
70 OJITO RD.
LINDRITH, NM 87029
FAX TO (575) 774-9116

Receiving Date: 04/22/10
Reporting Date: 04/30/10
Project Number: NOT GIVEN
Project Name: LANDFARM
Project Location: NOT GIVEN

Analysis Date: 04/29/10
Sampling Date: 04/19/10
Sample Type: SOIL
Sample Condition: INTACT @ 14°C
Sample Received By: JH
Analyzed By: HM

LAB NUMBER	SAMPLE ID	Cl ⁻ (mg/kg)
H19729-13	CELL #1 TREATMENT	< 16
H19729-14	CELL #2 TREATMENT	32
H19729-15	CELL #3 TREATMENT	< 16
H19729-16	CELL #4 TREATMENT	96
H19729-17	CELL #5 TREATMENT	192
H19729-18	CELL #6 TREATMENT	96
H19729-19	CELL #7 TREATMENT	16
H19729-20	CELL #8 TREATMENT	< 16
H19729-21	CELL #9 TREATMENT	< 16
H19729-22	CELL #10 TREATMENT	64
H19729-23	CELL #11 TREATMENT	80
H19729-24	CELL #12 TREATMENT	32
Quality Control		500
True Value QC		500
% Recovery		100
Relative Percent Difference		< 0.1

METHOD: Standard Methods

4500-Cl/B

Note: Analyses performed on 1:4 w:v aqueous extracts.

Chemist

Date

H19729 T-N-T ENVIRO

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ANALYTICAL RESULTS FOR
T-N-T ENVIRONMENTAL
ATTN: TONY SCHMITZ
70 OJITO RD.
LINDRITH, NM 87029
FAX TO (575) 774-9116

Receiving Date: 04/22/10
Reporting Date: 04/26/10
Project Number: NOT GIVEN
Project Name: LANDFARM
Project Location: NOT GIVEN

Sampling Date: 04/19/10
Sample Type: SOIL
Sample Condition: INTACT @ 14°C
Sample Received By: JH
Analyzed By: AB/ZL

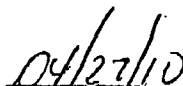
LAB NO.	SAMPLE ID	GRO (C ₆ -C ₁₀) (mg/kg)	DRO (C ₁₀ -C ₂₈) (mg/kg)	BENZENE (mg/kg)	TOLUENE (mg/kg)	ETHYL BENZENE (mg/kg)	TOTAL XYLENES (mg/kg)
ANALYSIS DATE:		04/24/10	04/24/10	04/26/10	04/26/10	04/26/10	04/26/10
H19729-1	CELL #1 VADOZE	<10.0	<10.0	<0.100	<0.100	<0.100	<0.300
H19729-2	CELL #2 VADOZE	<10.0	<10.0	<0.100	<0.100	<0.100	<0.300
H19729-3	CELL #3 VADOZE	<10.0	<10.0	<0.100	<0.100	<0.100	<0.300
H19729-4	CELL #4 VADOZE	<10.0	<10.0	<0.100	<0.100	<0.100	<0.300
H19729-5*	CELL #5 VADOZE	<10.0	<10.0	<0.100	<0.100	<0.100	<0.300
H19729-6*	CELL #6 VADOZE	<10.0	<10.0	<0.100	<0.100	<0.100	<0.300
H19729-7	CELL #7 VADOZE	<10.0	<10.0	<0.100	<0.100	<0.100	<0.300
H19729-8*	CELL #8 VADOZE	<10.0	<10.0	<0.100	<0.100	<0.100	<0.300
H19729-9	CELL #9 VADOZE	<10.0	<10.0	<0.100	<0.100	<0.100	<0.300
H19729-10*	CELL #10 VADOZE	<10.0	<10.0	<0.100	<0.100	<0.100	<0.300
H19729-11*	CELL #11 VADOZE	<10.0	<10.0	<0.100	<0.100	<0.100	<0.300
H19729-12	CELL #12 VADOZE	<10.0	<10.0	<0.100	<0.100	<0.100	<0.300
Quality Control		569	571	0.010	0.011	0.010	0.032
True Value QC		500	500	0.010	0.010	0.010	0.030
% Recovery		114	114	100	110	100	107
Relative Percent Difference		4.2	0.6	<1.0	<1.0	6.3	5.0

METHODS: TPH GRO & DRO - EPA SW-846 8015 M; BTEX - SW-846 8260B. Reported on wet weight.

TEXAS NELAP ACCREDITATION T104704398-08-TX FOR BENZENE, TOLUENE, ETHYL BENZENE, AND TOTAL XYLENES. Not accredited for GRO/DRO.

*One or more TPH surrogates outside historical limits due to matrix interference.


Lab Director


Date

H19729 TPHBTEX TNT ENV

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ANALYTICAL RESULTS FOR
T-N-T ENVIRONMENTAL
ATTN: TONY SCHMITZ
70 OJITO RD.
LINDRITH, NM 87029
FAX TO (575) 774-9116

Receiving Date: 04/22/10
Reporting Date: 04/30/10
Project Number: NOT GIVEN
Project Name: LANDFARM
Project Location: NOT GIVEN

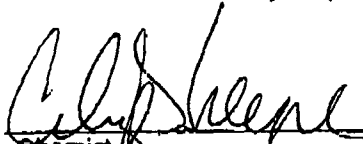
Analysis Date: 04/29/10
Sampling Date: 04/19/10
Sample Type: SOIL
Sample Condition: INTACT @ 14°C
Sample Received By: JH
Analyzed By: HM

LAB NUMBER	SAMPLE ID	Cl ⁻ (mg/kg)
H19729-1	CELL #1 VADOZE	< 16
H19729-2	CELL #2 VADOZE	< 16
H19729-3	CELL #3 VADOZE	< 16
H19729-4	CELL #4 VADOZE	< 16
H19729-5	CELL #5 VADOZE	< 16
H19729-6	CELL #6 VADOZE	< 16
H19729-7	CELL #7 VADOZE	< 16
H19729-8	CELL #8 VADOZE	< 16
H19729-9	CELL #9 VADOZE	< 16
H19729-10	CELL #10 VADOZE	< 16
H19729-11	CELL #11 VADOZE	< 16
H19729-12	CELL #12 VADOZE	< 16
Quality Control		500
True Value QC		500
% Recovery		100
Relative Percent Difference		< 0.1

METHOD: Standard Methods

4500-Cl⁻B

Note: Analyses performed on 1:4 w/v aqueous extracts.


Chemist


Date

H19729 T-N-T ENVIRO

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CHAIN OF CUSTODY RECORD

 Page 1 of 3

 Client: T-N-T ENVIRO
 Contact: TENV
 Address: 70 ADITO RD
LINDRITH NM 87029
 Phone Number: 505-320-2737
 FAX Number: 575-774-9116

NOTES:

- 1) Ensure proper container packaging.
- 2) Ship samples promptly following collection.
- 3) Designate Sample Reject Disposition.

PO#

Project Name: LAND FARM

Table 1. - Matrix Type

 1 = Surface Water, 2 = Ground Water
 3 = Soil/Sediment, 4 = Rinsate, 5 = Oil
 6 = Waste, 7 = Other (Specify) _____

FOR GAL USE ONLY

GAL JOB #

Samplers Signature: [Signature]

Lab Name: Green Analytical Laboratories (970) 247-4220 FAX (970) 247-4227										Analyses Required										Comments	
Address: 75 Suttle Street, Durango, CO 81303																					
Sample ID	Collection		Collected by: (Init.)	Miscellaneous			Preservative(s)					TPH	GRO-DRO	BETX	C.I. - # Added 4/24/10						
	Date	Time		Matrix Type From Table 1	No. of Containers	Sample Filtered ? Y/N	Unpreserved (Ice Only)	HNO3	HCL	H2SO4	NAOH									Other (Specify)	
H19729-																					
1 ¹ Cell #1 Vadoze	4-19-10		CS	W	1	N	✓						✓	✓	✓						
2 ² Cell #2 Vadoze	" "														✓						
3 ³ Cell #3 Vadoze															✓						
4 ⁴ Cell #4 Vadoze															✓						
5 ⁵ Cell #5 Vadoze															✓						
6 ⁶ Cell #6 Vadoze															✓						
7 ⁷ Cell #7 Vadoze															✓						
8 ⁸ Cell #8 Vadoze															✓						
9 ⁹ Cell #9 Vadoze															✓						
10 ¹⁰ Cell #10 Vadoze															✓						
Relinquished by: <u>[Signature]</u>			Date: <u>4/24/10</u>		Time: <u>11:41</u>		Received by: <u>[Signature]</u>					Date: <u>4/21/10</u>		Time: <u>11:48</u>							
Relinquished by: <u>[Signature]</u>			Date: <u>4/24/10</u>		Time: <u>11:41</u>		Received by: <u>[Signature]</u>					Date: <u>4/22/10</u>		Time: <u>10:30</u>							

* Sample Reject: [] Return [] Dispose [] Store (30 Days)

14°C #26 4A



CHAIN OF CUSTODY RECORD

 Page 2 of 3

 Client: T-N-T ENVIRO
 Contact: TONY
 Address: 70 OJITO RD
LINDRITH NM 87029
 Phone Number: 505-320-2737
 FAX Number: 575-774-9116

NOTES:

- 1) Ensure proper container packaging.
- 2) Ship samples promptly following collection.
- 3) Designate Sample Reject Disposition.

PO#

Project Name: LAND FARM

Table 1. - Matrix Type

 1 = Surface Water, 2 = Ground Water
 3 = Soil/Sediment, 4 = Rinsate, 5 = Oil
 6 = Waste, 7 = Other (Specify) _____

FOR GAL USE ONLY

GAL JOB #

Samplers Signature: [Signature]

Lab Name: Green Analytical Laboratories (970) 247-4220 FAX (970) 247-4227		Analyses Required										Comments	
Address: 75 Suttle Street, Durango, CO 81303		Collection		Miscellaneous			Preservative(s)						
Sample ID	Date	Time	Collected by: (Init.)	Matrix Type From Table 1	No. of Containers	Sample Filtered Y/N	Unpreserved (Ice Only)	HNO3	HCL	H2SO4	NAOH		Other (Specify)
H19729-													
11 1 st cell #11 vial 2	4-19-10		CS	3	1	N	✓						TPH GRO-DRO
12 2 nd cell #12 vial 2	4-19-10												BETX
13 3 rd cell #1 treatment													*C1 Added 4/28/10
14 4 th cell #2 treatment													
15 5 th cell #3 treatment													
16 6 th cell #4 treatment													
17 7 th cell #5 treatment													
18 8 th cell #6 treatment													
19 9 th cell #7 treatment													
20 10 th cell #8 treatment													
Relinquished by: <u>[Signature]</u>	Date: <u>4/24/10</u>	Time: <u>11:41</u>	Received by: <u>[Signature]</u>	Date: <u>4/22/10</u>	Time: <u>11:40</u>								
Relinquished by: <u>[Signature]</u>	Date: <u>4/24/10</u>	Time: <u>11:41</u>	Received by: <u>[Signature]</u>	Date: <u>4/22/10</u>	Time: <u>10:30</u>								

* Sample Reject [] Return [] Dispose [] Store (30 Days)

14°C #26 GA



CHAIN OF CUSTODY RECORD

 Page 3 of 3

 Client: T-N-T ENVIRO
 Contact: TONY
 Address: 70 QUIT RD
LINDRITH NM 87029
 Phone Number: 505-320-2737
 FAX Number: 575-774-9116

NOTES:

- 1) Ensure proper container packaging.
- 2) Ship samples promptly following collection.
- 3) Designate Sample Reject Disposition.

PO#

Project Name: LAND FARM

Table 1. - Matrix Type

 1 = Surface Water, 2 = Ground Water
 3 = Soil/Sediment, 4 = Rinsate, 5 = Oil
 6 = Waste, 7 = Other (Specify) _____

FOR GAL USE ONLY

GAL JOB #

Samplers Signature:

Lab Name: Green Analytical Laboratories (970) 247-4220 FAX (970) 247-4227		Analyses Required										Comments
Address: 75 Suttle Street, Durango, CO 81303												
Sample ID	Collection		Miscellaneous			Preservative(s)						
	Date	Time	Collected by: (Init.)	Matrix Type From Table 1	No. of Containers	Sample Filtered Y/N	Unpreserved (Ice Only)	HNO3	HCL	H2SO4	NAOH	Other (Specify)
H19729 -												
21 1 st coll #9 treatment	4-19-10		C-S	3	1	N	✓					✓ TPT+ GRO-DRD
22 2 nd coll #10 treatment	↓		↓	↓	↓	↓	↓					✓ Cl. * Added 4/29/10
23 3 rd coll #11 treatment	↓		↓	↓	↓	↓	↓					✓
24 4 th coll #12 treatment	↓		↓	↓	↓	↓	↓					✓
5.												
6.												
7.												
8.												
9.												
10.												
Relinquished by:	Date:		Time:		Received by:		Date:		Time:			
Relinquished by:	Date: 4/24/10		Time: 11:41		Received by:		Date: 4/22/10		Time: 10:30			

 * Sample Reject ☐ Return ☐ Dispose ☐ Store (30 Days)

14°C #26 GHA

T-n-T Environmental, Inc.
HCR 74 Box 113
Lindrith, NM 87029

RECEIVED
2009 SEP 14 AM 8 39

Oil Conservation Division
Attn: Ed Martin
1220 South Saint Francis
Santa Fe, NM 87505

OCD Annual and Quarterly Report

Due Date 8-31-09

Date Sent 9-9-09

☒ Test Results of Quarterly Treatment Zone Monitoring of Land Farm Cells 1,
2, 3, 4, 5, 6, 7, 8, 9, 10, 11, for TPH and BTEX.

☐ Test Results of Annual Treatment Zone Monitoring of Land Farm Cells _____,
_____, _____, _____, _____, _____, _____, _____, _____, for Cations/Anions and 8
RCRA Heavy Metals.

☐ Annual Report of Weekly Testing of Leak Detection Sumps on Pond 1 and 3

☐ Water Detected, Test Results included

☐ No Water Detected

☐ Annual Report of Monthly Testing of Monitor Well's Surrounding Pond 2

☐ Water Detected, Test Results Included

☐ No Water Detected

**ARDINAL
LABORATORIES**PHONE (575) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

September 2, 2009

Craig Schmitz
T-N-T Environmental
HCR 74 Box 113
Lindrith, NM 87029

Re: Soil Samples

Enclosed are the results of analyses for sample number H18074, received by the laboratory on 08/25/09 at 10:45 am.

Cardinal Laboratories is accredited through Texas NELAP for:

Method SW-846 8021	Benzene, Toluene, Ethyl Benzene, and Total Xylenes
Method SW-846 8260	Benzene, Toluene, Ethyl Benzene, and Total Xylenes
Method TX 1005	Total Petroleum Hydrocarbons

Certificate number T104704398-08-TX. Accreditation applies to solid and chemical materials and non-potable water matrices.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.2	Regulated VOCs (V2, V3)

Accreditation applies to public drinking water matrices.

Total Number of Pages of Report: 4 (includes Chain of Custody)

Sincerely,

Caley D. Keene
Laboratory Director

This report conforms with NELAP requirements.



PHONE (575) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR
T-N-T ENVIRONMENTAL
ATTN: CRAIG SCHMITZ
HCR 74 BOX 113
LINDRITH, NM 87029
FAX TO (575) 774-9116

Receiving Date: 08/25/09
Reporting Date: 09/02/09
Project Owner: NOT GIVEN
Project Name: NOT GIVEN
Project Location: NOT GIVEN

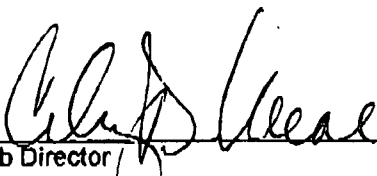
Sampling Date: 08/20/09
Sample Type: SOIL
Sample Condition: COOL & INTACT @ 4°C
Sample Received By: NF
Analyzed By: AB/ZL/HM

LAB NO.	SAMPLE ID	GRO (C ₆ -C ₁₀) (mg/kg)	DRO (C ₁₀ -C ₂₈) (mg/kg)	BENZENE (mg/kg)	TOLUENE (mg/kg)	ETHYL BENZENE (mg/kg)	TOTAL XYLENES (mg/kg)	Cl* (mg/kg)
ANALYSIS DATE:		08/27/09	08/27/09	08/29/09	08/29/09	08/29/09	08/29/09	08/27/09
H18074-1	CELL #1 MONITORING ZONE	<10.0	1,040	<0.050	0.122	<0.050	<0.300	320
H18074-2	CELL #2 MONITORING ZONE	<10.0	1,120	0.079	0.090	0.083	<0.300	320
H18074-3	CELL #3 MONITORING ZONE	<10.0	566	<0.050	0.062	<0.050	<0.300	48
H18074-4	CELL #4 MONITORING ZONE	<10.0	2,050	<0.050	0.063	<0.050	<0.300	224
H18074-5	CELL #5 MONITORING ZONE	<10.0	3,670	<0.050	<0.050	<0.050	<0.300	416
H18074-6	CELL #6 MONITORING ZONE	<10.0	960	<0.050	<0.050	<0.050	<0.300	112
H18074-7	CELL #7 MONITORING ZONE	<10.0	445	<0.050	<0.050	<0.050	<0.300	256
H18074-8	CELL #8 MONITORING ZONE	<10.0	475	<0.050	<0.050	<0.050	<0.300	64
H18074-9	CELL #9 MONITORING ZONE	<10.0	269	<0.050	<0.050	<0.050	<0.300	16
H18074-10	CELL #10 MONITORING ZONE	<10.0	804	<0.050	<0.050	<0.050	<0.300	96
H18074-11	CELL #11 MONITORING ZONE	<50.0	2,110	<0.050	<0.050	<0.050	0.465	224
Quality Control		532	489	0.056	0.055	0.052	0.156	500
True Value QC		500	500	0.050	0.050	0.050	0.150	500
% Recovery		106	97.8	112	110	104	104	100
Relative Percent Difference		5.5	1.8	7.0	5.3	5.6	6.4	< 0.1

METHODS: TPH GRO & DRO - EPA SW-846 8015 M; BTEX - SW-846 8021B; Cl-: Std. Methods 4500-Cl-B

*Analyses performed on 1:4 w:v aqueous extracts. Reported on wet weight.

TEXAS NELAP ACCREDITATION T104704398-08-TX FOR BENZENE, TOLUENE, ETHYL BENZENE,
AND TOTAL XYLENES. Not accredited for GRO/DRO and Chloride.


Lab Director

09/02/09
Date

H18074 TBCL TNT ENV

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above-stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

RECEIVED
2009 JUL 31 PM 1 17

OCD Annual and Quarterly Report

Date Sent 7-29-09

[illegible]☐ , Water Detected, Test Results included

☒ No Water Detected

☐ Water Detected, Test Results Included

☒ No Water Detected



T-N-T ENVIRONMENTAL
attn CRAIG SCHMITZ
70 CR 405
LINDRITH

NM 87029

Explanation of codes

B	Analyte Detected in Method Blank
E	Result is Estimated
H	Analyzed Out of Hold Time
N	Tentatively Identified Compound
S	Subcontracted
1-9	See Footnote

STANDARD

ARS Analytical, LLC

Certificate of Analysis

All samples are reported on an "as received" basis, unless otherwise noted (i.e. - Dry Weight).

Client: T-N-T ENVIRONMENTAL

Project: LAND FARM

Order: 09060137 TNT01

Receipt: 06-04-09

Elvin J. Chavez - President, ARS Analytical LLC
FOV

Sample: CELL#1 MONITORING ZONE

Collected: 05-27-09 8:00:00 By:

Matrix: NAQ

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
09060137-001A		SW846 3050B/6010B ICP						By: TKT		
M09591	MT 2009 936 28	7440-38-2	Arsenic	ND	mg/kg	10	0.25		06-09-09	06-18-09
M09591	MT 2009 911 74	7440-39-3	Barium	227	mg/kg	50	0.15		06-09-09	06-15-09
M09591	MT 2009 911 70	7440-43-9	Cadmium	ND	mg/kg	10	0.25		06-09-09	06-15-09
M09591	MT 2009 911 74	7440-70-2	Calcium	6360	mg/kg	50	25		06-09-09	06-15-09
M09591	MT 2009 911 70	7440-47-3	Chromium	22.0	mg/kg	10	0.1		06-09-09	06-15-09
M09591	MT 2009 911 70	7439-92-1	Lead	5.55	mg/kg	10	0.25		06-09-09	06-15-09
M09591	MT 2009 911 74	7439-95-4	Magnesium	6420	mg/kg	50	25		06-09-09	06-15-09
M09591	MT 2009 911 70	7440-09-7	Potassium	2530	mg/kg	10	25		06-09-09	06-15-09
M09591	MT 2009 911 70	7782-49-2	Selenium	ND	mg/kg	10	0.5		06-09-09	06-15-09
M09591	MT 2009 911 70	7440-22-4	Silver	ND	mg/kg	10	0.25		06-09-09	06-15-09
M09591	MT 2009 911 70	7440-23-5	Sodium	ND	mg/kg	10	25		06-09-09	06-15-09
09060137-001A		SW846 5035B/8021B Purgeable VOCs by GC/PID						By: BP/MR		
V09215	XG 2009 765 5	71-43-2	Benzene	ND	mg/Kg	1	0.005	1	06-09-09	06-09-09
V09215	XG 2009 765 5	100-41-4	Ethylbenzene	ND	mg/Kg	1	0.005	1	06-09-09	06-09-09
V09215	XG 2009 765 5	95-47-6	o-Xylene	ND	mg/Kg	1	0.005	1	06-09-09	06-09-09
V09215	XG 2009 765 5	179601-23-1	p/m-Xylenes	ND	mg/Kg	1	0.01	1	06-09-09	06-09-09
V09215	XG 2009 765 5	108-88-3	Toluene	ND	mg/Kg	1	0.005	1	06-09-09	06-09-09
09060137-001A		SW846 7471B CVAA						By: ELS		
M09616	MT 2009.937 13	7439-97-6	Mercury	ND	ug/Kg	1	20		06-19-09	06-19-09
09060137-001A		SW846 8015B Diesel Range Organics by GC/FID						By: MBR/BP		
S09273	XG 2009 776.5		Diesel Range Organics	ND	mg/Kg	1	50		06-08-09	06-10-09
09060137-001A		SW846 9056 Anions by Ion Chromatography						By: SRM		
W09520	WC 2009 1528 8	16887-00-6	Chloride	ND	mg/Kg	10	0.5		06-15-09	06-15-09

ARS Analytical, LLC

Certificate of Analysis

All samples are reported on an "as received" basis, unless otherwise noted (i.e. - Dry Weight)

Client: **T-N-T ENVIRONMENTAL**Project: **LAND FARM**Order: **09060137 TNT01**Receipt: **06-04-09**Sample: **CELL#1 MONITORING ZONE**Collected: **05-27-09 8:00:00** By:Matrix: **NAQ**

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
09060137-001A		SW846 9056 Anions by Ion Chromatography						By: SRM		
W09520	WC 2009 1528.8	16984-48-8	Fluoride	ND	mg/Kg	10	0.5		06-15-09	06-15-09
W09520	WC 2009.1528 8	14797-65-0	Nitrate, as N	ND	mg/Kg	10	0.5		06-15-09	06-15-09
W09520	WC 2009.1528 8	14265-44-2	Orthophosphate, as P	ND	mg/Kg	10	0.5		06-15-09	06-15-09
W09520	WC 2009 1528 8	14808-79-8	Sulfate	ND	mg/Kg	10	0.5		06-15-09	06-15-09

Sample: **CELL#2 MONITORING ZONE**Collected: **05-27-09 8:30:00** By:Matrix: **NAQ**

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
09060137-002A		SW846 3050B/6010B ICP						By: TKT		
M09591	MT 2009 936 31	7440-38-2	Arsenic	ND	mg/kg	50	0.25		06-09-09	06-18-09
M09591	MT 2009 936 31	7440-39-3	Barium	216	mg/kg	50	0.15		06-09-09	06-18-09
M09591	MT 2009 911 75	7440-43-9	Cadmium	ND	mg/kg	10	0.25		06-09-09	06-15-09
M09591	MT.2009 936 31	7440-70-2	Calcium	6170	mg/kg	50	25		06-09-09	06-18-09
M09591	MT 2009 911 75	7440-47-3	Chromium	21.7	mg/kg	10	0.1		06-09-09	06-15-09
M09591	MT.2009.911 75	7439-92-1	Lead	5.29	mg/kg	10	0.25		06-09-09	06-15-09
M09591	MT 2009.936 31	7439-95-4	Magnesium	6470	mg/kg	50	25		06-09-09	06-18-09
M09591	MT 2009 911 75	7440-09-7	Potassium	2600	mg/kg	10	25		06-09-09	06-15-09
M09591	MT 2009 911 75	7782-49-2	Selenium	ND	mg/kg	10	0.5		06-09-09	06-15-09
M09591	MT 2009 911 75	7440-22-4	Silver	ND	mg/kg	10	0.25		06-09-09	06-15-09
M09591	MT 2009 911 75	7440-23-5	Sodium	ND	mg/kg	10	25		06-09-09	06-15-09

09060137-002A **SW846 5035B/8021B Purgeable VOCs by GC/PID** By: BP/MR

V09215	XG 2009 765 8	71-43-2	Benzene	ND	mg/Kg	1	0.005	1	06-09-09	06-09-09
V09215	XG 2009 765 8	100-41-4	Ethylbenzene	ND	mg/Kg	1	0.005	1	06-09-09	06-09-09
V09215	XG 2009 765 8	95-47-6	o-Xylene	0.0062	mg/Kg	1	0.005	1	06-09-09	06-09-09
V09215	XG 2009 765 8	179601-23-1	p/m-Xylenes	ND	mg/Kg	1	0.01	1	06-09-09	06-09-09
V09215	XG 2009 765 8	108-88-3	Toluene	0.0068	mg/Kg	1	0.005	1	06-09-09	06-09-09

09060137-002A **SW846 7471B CVAA** By: ELS

M09616	MT 2009 937 21	7439-97-6	Mercury	ND	ug/Kg	1	20		06-19-09	06-19-09
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09060137-002A **SW846 8015B Diesel Range Organics by GC/FID** By: IBR/BP

S09273	XG 2009.776 8		Diesel Range Organics	ND	mg/Kg	1	50		06-08-09	06-10-09
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09060137-002A **SW846 9056 Anions by Ion Chromatography** By: SRM

W09520	WC 2009 1528 9	16887-00-6	Chloride	ND	mg/Kg	10	0.5		06-15-09	06-15-09
W09520	WC.2009 1528 9	16984-48-8	Fluoride	5.57	mg/Kg	10	0.5		06-15-09	06-15-09
W09520	WC 2009 1528 9	14797-65-0	Nitrate, as N	ND	mg/Kg	10	0.5		06-15-09	06-15-09
W09520	WC 2009 1528 9	14265-44-2	Orthophosphate, as P	ND	mg/Kg	10	0.5		06-15-09	06-15-09
W09520	WC 2009 1528 9	14808-79-8	Sulfate	ND	mg/Kg	10	0.5		06-15-09	06-15-09

ARS Analytical, LLC

Certificate of Analysis

All samples are reported on an "as received" basis, unless otherwise noted (i.e. - Dry Weight)

Client: **T-N-T ENVIRONMENTAL**Project: **LAND FARM**Order: **09060137 TNT01**Receipt: **06-04-09**Sample: **CELL#3 MONITORING ZONE**Collected: **05-27-09 9:00:00** By:Matrix: **NAQ**

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
09060137-003A			SW846 3050B/6010B ICP					By: TKT		
M09591	MT 2009 936 32	7440-38-2	Arsenic	ND	mg/kg	10	0.25		06-09-09	06-18-09
M09591	MT 2009 936 33	7440-39-3	Barium	189	mg/kg	50	0.15		06-09-09	06-18-09
M09591	MT 2009 911 76	7440-43-9	Cadmium	ND	mg/kg	10	0.25		06-09-09	06-15-09
M09591	MT 2009 911 76	7440-70-2	Calcium	4870	mg/kg	10	25		06-09-09	06-15-09
M09591	MT 2009 911 76	7440-47-3	Chromium	19.4	mg/kg	10	0.1		06-09-09	06-15-09
M09591	MT 2009 911 76	7439-92-1	Lead	4.90	mg/kg	10	0.25		06-09-09	06-15-09
M09591	MT 2009 911 76	7439-95-4	Magnesium	4990	mg/kg	10	25		06-09-09	06-15-09
M09591	MT 2009 911 76	7440-09-7	Potassium	2220	mg/kg	10	25		06-09-09	06-15-09
M09591	MT 2009 911 76	7782-49-2	Selenium	ND	mg/kg	10	0.5		06-09-09	06-15-09
M09591	MT 2009 911 76	7440-22-4	Silver	ND	mg/kg	10	0.25		06-09-09	06-15-09
M09591	MT 2009 911 76	7440-23-5	Sodium	ND	mg/kg	10	25		06-09-09	06-15-09
09060137-003A			SW846 5035B/8021B Purgeable VOCs by GC/PID					By: BP/MR		
V09215	XG 2009 765 9	71-43-2	Benzene	ND	mg/Kg	1	0.005	12	06-09-09	06-09-09
V09215	XG 2009 765 9	100-41-4	Ethylbenzene	ND	mg/Kg	1	0.005	12	06-09-09	06-09-09
V09215	XG 2009 765 9	95-47-6	o-Xylene	ND	mg/Kg	1	0.005	12	06-09-09	06-09-09
V09215	XG 2009 765 9	179601-23-1	p/m-Xylenes	ND	mg/Kg	1	0.01	12	06-09-09	06-09-09
V09215	XG 2009 765 9	108-88-3	Toluene	ND	mg/Kg	1	0.005	12	06-09-09	06-09-09
09060137-003A			SW846 7471B CVAA					By: ELS		
M09616	MT 2009.937 22	7439-97-6	Mercury	ND	ug/Kg	1	20		06-19-09	06-19-09
09060137-003A			SW846 8015B Diesel Range Organics by GC/FID					By: IBR/BP		
S09273	XG 2009 776 9		Diesel Range Organics	ND	mg/Kg	1	50		06-08-09	06-10-09
09060137-003A			SW846 9056 Anions by Ion Chromatography					By: SRM		
W09520	WC 2009 1528 10	16887-00-6	Chloride	ND	mg/Kg	10	0.5		06-15-09	06-15-09
W09520	WC 2009 1528 10	16984-48-8	Fluoride	ND	mg/Kg	10	0.5		06-15-09	06-15-09
W09520	WC 2009 1528 10	14797-65-0	Nitrate, as N	ND	mg/Kg	10	0.5		06-15-09	06-15-09
W09520	WC 2009 1528 10	14265-44-2	Orthophosphate, as P	ND	mg/Kg	10	0.5		06-15-09	06-15-09
W09520	WC 2009 1528 10	14808-79-8	Sulfate	ND	mg/Kg	10	0.5		06-15-09	06-15-09

Sample: **CELL#4 MONITORING ZONE**Collected: **05-27-09 9:30:00** By:Matrix: **NAQ**

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
09060137-004A			SW846 3050B/6010B ICP					By: TKT		
M09591	MT 2009 936 34	7440-38-2	Arsenic	ND	mg/kg	10	0.25		06-09-09	06-18-09
M09591	MT 2009 936 35	7440-39-3	Barium	195	mg/kg	50	0.15		06-09-09	06-18-09
M09591	MT 2009 936 34	7440-43-9	Cadmium	ND	mg/kg	10	0.25		06-09-09	06-18-09
M09591	MT 2009 936 35	7440-70-2	Calcium	5520	mg/kg	50	25		06-09-09	06-18-09
M09591	MT 2009 936 34	7440-47-3	Chromium	20.5	mg/kg	10	0.1		06-09-09	06-18-09
M09591	MT 2009 936 34	7439-92-1	Lead	5.38	mg/kg	10	0.25		06-09-09	06-18-09
M09591	MT 2009 936 35	7439-95-4	Magnesium	5880	mg/kg	50	25		06-09-09	06-18-09

ARS Analytical, LLC

Certificate of Analysis

All samples are reported on an "as received" basis, unless otherwise noted (i.e. - Dry Weight)

Client: **T-N-T ENVIRONMENTAL**Project: **LAND FARM**Order: **09060137 TNT01**Receipt: **06-04-09**Sample: **CELL#4 MONITORING ZONE**Collected: **05-27-09 9:30:00** By:Matrix: **NAQ**

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
09060137-004A			SW846 3050B/6010B ICP					By: TKT		
M09591	MT 2009 936 34	7440-09-7	Potassium	2340	mg/kg	10	25		06-09-09	06-18-09
M09591	MT 2009 936 34	7782-49-2	Selenium	ND	mg/kg	10	0.5		06-09-09	06-18-09
M09591	MT 2009 936 34	7440-22-4	Silver	ND	mg/kg	10	0.25		06-09-09	06-18-09
M09591	MT 2009 936 34	7440-23-5	Sodium	ND	mg/kg	10	25		06-09-09	06-18-09
09060137-004A			SW846 5035B/8021B Purgeable VOCs by GC/PID					By: BP/MR		
V09215	XG 2009 765 10	71-43-2	Benzene	ND	mg/Kg	1	0.005	1	06-09-09	06-09-09
V09215	XG 2009 765 10	100-41-4	Ethylbenzene	ND	mg/Kg	1	0.005	1	06-09-09	06-09-09
V09215	XG 2009 765 10	95-47-6	o-Xylene	ND	mg/Kg	1	0.005	1	06-09-09	06-09-09
V09215	XG 2009 765 10	179601-23-1	p/m-Xylenes	ND	mg/Kg	1	0.01	1	06-09-09	06-09-09
V09215	XG 2009 765 10	108-88-3	Toluene	ND	mg/Kg	1	0.005	1	06-09-09	06-09-09
09060137-004A			SW846 7471B CVAA					By: ELS		
M09616	MT 2009 937 23	7439-97-6	Mercury	ND	ug/Kg	1	20		06-19-09	06-19-09
09060137-004A			SW846 8015B Diesel Range Organics by GC/FID					By: MBR/BP		
S09273	XG 2009 776 10		Diesel Range Organics	ND	mg/Kg	1	50		06-08-09	06-10-09
09060137-004A			SW846 9056 Anions by Ion Chromatography					By: SRM		
W09520	WC 2009 1528 11	16887-00-6	Chloride	ND	mg/Kg	10	0.5		06-15-09	06-15-09
W09520	WC 2009 1528 11	16984-48-8	Fluoride	ND	mg/Kg	10	0.5		06-15-09	06-15-09
W09520	WC 2009 1528 11	14797-65-0	Nitrate, as N	ND	mg/Kg	10	0.5		06-15-09	06-15-09
W09520	WC 2009 1528 11	14265-44-2	Orthophosphate, as P	ND	mg/Kg	10	0.5		06-15-09	06-15-09
W09520	WC 2009 1528 11	14808-79-8	Sulfate	ND	mg/Kg	10	0.5		06-15-09	06-15-09

Sample: **CELL#5 MONITORING ZONE**Collected: **05-27-09 10:00:00** By:Matrix: **NAQ**

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
09060137-005A			SW846 3050B/6010B ICP					By: TKT		
M09591	MT 2009 936 36	7440-38-2	Arsenic	ND	mg/kg	10	0.25		06-09-09	06-18-09
M09591	MT 2009 936 37	7440-39-3	Barium	226	mg/kg	50	0.15		06-09-09	06-18-09
M09591	MT 2009 936 36	7440-43-9	Cadmium	ND	mg/kg	10	0.25		06-09-09	06-18-09
M09591	MT 2009 936 37	7440-70-2	Calcium	6150	mg/kg	50	25		06-09-09	06-18-09
M09591	MT 2009 936 36	7440-47-3	Chromium	22.9	mg/kg	10	0.1		06-09-09	06-18-09
M09591	MT 2009 936 36	7439-92-1	Lead	7.00	mg/kg	10	0.25		06-09-09	06-18-09
M09591	MT 2009 936 37	7439-95-4	Magnesium	6400	mg/kg	50	25		06-09-09	06-18-09
M09591	MT 2009 936 36	7440-09-7	Potassium	2790	mg/kg	10	25		06-09-09	06-18-09
M09591	MT 2009 936 36	7782-49-2	Selenium	ND	mg/kg	10	0.5		06-09-09	06-18-09
M09591	MT 2009 936 36	7440-22-4	Silver	ND	mg/kg	10	0.25		06-09-09	06-18-09
M09591	MT 2009 936 36	7440-23-5	Sodium	ND	mg/kg	10	25		06-09-09	06-18-09
09060137-005A			SW846 5035B/8021B Purgeable VOCs by GC/PID					By: BP/MR		
V09215	XG 2009 765 11	71-43-2	Benzene	ND	mg/Kg	1	0.005	12	06-09-09	06-09-09

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All samples are reported on an "as received" basis, unless otherwise noted (i.e. - Dry Weight).

Client: **T-N-T ENVIRONMENTAL**Project: **LAND FARM**Order: **09060137 TNT01**Receipt: **06-04-09**Sample: **CELL#5 MONITORING ZONE**Collected: **05-27-09 10:00:00** By:Matrix: **NAQ**

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
09060137-005A			SW846 5035B/8021B Purgeable VOCs by GC/PID					By: BP/MR		
V09215	XG 2009 765 11	100-41-4	Ethylbenzene	ND	mg/Kg	1	0.005	12	06-09-09	06-09-09
V09215	XG 2009 765 11	95-47-6	o-Xylene	ND	mg/Kg	1	0.005	12	06-09-09	06-09-09
V09215	XG 2009 765 11	179601-23-1	p/m-Xylenes	ND	mg/Kg	1	0.01	12	06-09-09	06-09-09
V09215	XG 2009 765 11	108-88-3	Toluene	ND	mg/Kg	1	0.005	12	06-09-09	06-09-09
09060137-005A			SW846 7471B CVAA					By: ELS		
M09616	MT 2009 937 24	7439-97-6	Mercury	ND	ug/Kg	1	20		06-19-09	06-19-09
09060137-005A			SW846 8015B Diesel Range Organics by GC/FID					By: IBR/BP		
S09273	XG 2009 776 11		Diesel Range Organics	ND	mg/Kg	1	50		06-08-09	06-10-09
09060137-005A			SW846 9056 Anions by Ion Chromatography					By: SRM		
W09520	WC 2009 1528 12	16887-00-6	Chloride	ND	mg/Kg	10	0.5		06-15-09	06-15-09
W09520	WC 2009 1528 12	16984-48-8	Fluoride	ND	mg/Kg	10	0.5		06-15-09	06-15-09
W09520	WC 2009 1528 12	14797-65-0	Nitrate, as N	ND	mg/Kg	10	0.5		06-15-09	06-15-09
W09520	WC 2009 1528 12	14265-44-2	Orthophosphate, as P	ND	mg/Kg	10	0.5		06-15-09	06-15-09
W09520	WC 2009 1528 12	14808-79-8	Sulfate	ND	mg/Kg	10	0.5		06-15-09	06-15-09

Sample: **CELL#6 MONITORING ZONE**Collected: **05-27-09 10:30:00** By:Matrix: **NAQ**

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
09060137-006A			SW846 3050B/6010B ICP					By: TKT		
M09591	MT 2009 936 40	7440-38-2	Arsenic	ND	mg/kg	10	0.25		06-09-09	06-18-09
M09591	MT 2009 936 41	7440-39-3	Barium	204	mg/kg	50	0.15		06-09-09	06-18-09
M09591	MT 2009 936 40	7440-43-9	Cadmium	ND	mg/kg	10	0.25		06-09-09	06-18-09
M09591	MT 2009 936 41	7440-70-2	Calcium	5470	mg/kg	50	25		06-09-09	06-18-09
M09591	MT 2009 936 40	7440-47-3	Chromium	20.9	mg/kg	10	0.1		06-09-09	06-18-09
M09591	MT 2009 936 40	7439-92-1	Lead	6.11	mg/kg	10	0.25		06-09-09	06-18-09
M09591	MT 2009 936 41	7439-95-4	Magnesium	5780	mg/kg	50	25		06-09-09	06-18-09
M09591	MT 2009 936 40	7440-09-7	Potassium	2400	mg/kg	10	25		06-09-09	06-18-09
M09591	MT 2009 936 40	7782-49-2	Selenium	6.13	mg/kg	10	0.5		06-09-09	06-18-09
M09591	MT 2009 936 40	7440-22-4	Silver	ND	mg/kg	10	0.25		06-09-09	06-18-09
M09591	MT 2009 936 40	7440-23-5	Sodium	ND	mg/kg	10	25		06-09-09	06-18-09
09060137-006A			SW846 5035B/8021B Purgeable VOCs by GC/PID					By: BP/MR		
V09215	XG 2009 765 12	71-43-2	Benzene	ND	mg/Kg	1	0.005	1	06-09-09	06-09-09
V09215	XG 2009 765 12	100-41-4	Ethylbenzene	ND	mg/Kg	1	0.005	1	06-09-09	06-09-09
V09215	XG 2009 765 12	95-47-6	o-Xylene	ND	mg/Kg	1	0.005	1	06-09-09	06-09-09
V09215	XG 2009 765 12	179601-23-1	p/m-Xylenes	ND	mg/Kg	1	0.01	1	06-09-09	06-09-09
V09215	XG 2009 765 12	108-88-3	Toluene	ND	mg/Kg	1	0.005	1	06-09-09	06-09-09
09060137-006A			SW846 7471B CVAA					By: ELS		
M09616	MT 2009 937 25	7439-97-6	Mercury	ND	ug/Kg	1	20		06-19-09	06-19-09

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Client: **T-N-T ENVIRONMENTAL**Project: **LAND FARM**Order: **09060137 TNT01**Receipt: **06-04-09**Sample: **CELL#6 MONITORING ZONE**Collected: **05-27-09 10:30:00** By:Matrix: **NAQ**

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
09060137-006A		SW846 8015B Diesel Range Organics by GC/FID						By: ABR/BP		
S09273	XG 2009 776 12		Diesel Range Organics	ND	mg/Kg	1	50		06-08-09	06-10-09
09060137-006A		SW846 9056 Anions by Ion Chromatography						By: SRM		
W09520	WC 2009 1528 15	16887-00-6	Chloride	ND	mg/Kg	10	0.5		06-15-09	06-15-09
W09520	WC 2009 1528 15	16984-48-8	Fluoride	ND	mg/Kg	10	0.5		06-15-09	06-15-09
W09520	WC 2009 1528 15	14797-65-0	Nitrate, as N	ND	mg/Kg	10	0.5		06-15-09	06-15-09
W09520	WC 2009 1528 15	14265-44-2	Orthophosphate, as P	ND	mg/Kg	10	0.5		06-15-09	06-15-09
W09520	WC 2009 1528 15	14808-79-8	Sulfate	ND	mg/Kg	10	0.5		06-15-09	06-15-09

Sample: **CELL#7 MONITORING ZONE**Collected: **05-27-09 11:00:00** By:Matrix: **NAQ**

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
09060137-007A		SW846 3050B/6010B ICP						By: TKT		
M09591	MT. 2009 936 42	7440-38-2	Arsenic	ND	mg/kg	10	0.25		06-09-09	06-18-09
M09591	MT. 2009 936 43	7440-39-3	Barium	117	mg/kg	50	0.15		06-09-09	06-18-09
M09591	MT. 2009 936 42	7440-43-9	Cadmium	ND	mg/kg	10	0.25		06-09-09	06-18-09
M09591	MT 2009 936 43	7440-70-2	Calcium	3200	mg/kg	50	25		06-09-09	06-18-09
M09591	MT 2009 936 42	7440-47-3	Chromium	21.4	mg/kg	10	0.1		06-09-09	06-18-09
M09591	MT. 2009 936 42	7439-92-1	Lead	6.32	mg/kg	10	0.25		06-09-09	06-18-09
M09591	MT 2009 936 43	7439-95-4	Magnesium	3360	mg/kg	50	25		06-09-09	06-18-09
M09591	MT. 2009 936 42	7440-09-7	Potassium	2330	mg/kg	10	25		06-09-09	06-18-09
M09591	MT 2009 936 42	7782-49-2	Selenium	ND	mg/kg	10	0.5		06-09-09	06-18-09
M09591	MT 2009 936 42	7440-22-4	Silver	ND	mg/kg	10	0.25		06-09-09	06-18-09
M09591	MT 2009 936 42	7440-23-5	Sodium	ND	mg/kg	10	25		06-09-09	06-18-09
09060137-007A		SW846 5035B/8021B Purgeable VOCs by GC/PID						By: BP/MR		
V09216	XG 2009 767 4	71-43-2	Benzene	ND	mg/Kg	1	0.005	2	06-10-09	06-10-09
V09216	XG 2009 767 4	100-41-4	Ethylbenzene	ND	mg/Kg	1	0.005	2	06-10-09	06-10-09
V09216	XG 2009 767 4	95-47-6	o-Xylene	ND	mg/Kg	1	0.005	2	06-10-09	06-10-09
V09216	XG 2009 767 4	179601-23-1	p/m-Xylenes	ND	mg/Kg	1	0.01	2	06-10-09	06-10-09
V09216	XG 2009 767 4	108-88-3	Toluene	ND	mg/Kg	1	0.005	2	06-10-09	06-10-09
09060137-007A		SW846 7471B CVAA						By: ELS		
M09616	MT. 2009 937 26	7439-97-6	Mercury	ND	ug/Kg	1	20		06-19-09	06-19-09
09060137-007A		SW846 8015B Diesel Range Organics by GC/FID						By: ABR/BP		
S09273	XG 2009 776 14		Diesel Range Organics	ND	mg/Kg	1	50		06-08-09	06-10-09
09060137-007A		SW846 9056 Anions by Ion Chromatography						By: SRM		
W09520	WC. 2009 1528 16	16887-00-6	Chloride	ND	mg/Kg	10	0.5		06-15-09	06-15-09
W09520	WC 2009 1528 16	16984-48-8	Fluoride	ND	mg/Kg	10	0.5		06-15-09	06-15-09
W09520	WC. 2009 1528 16	14797-65-0	Nitrate, as N	ND	mg/Kg	10	0.5		06-15-09	06-15-09
W09520	WC. 2009 1528 16	14265-44-2	Orthophosphate, as P	ND	mg/Kg	10	0.5		06-15-09	06-15-09

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Client: **T-N-T ENVIRONMENTAL**Project: **LAND FARM**Order: **09060137 TNT01** Receipt: **06-04-09**Sample: **CELL#7 MONITORING ZONE**Collected: **05-27-09 11:00:00** By:Matrix: **NAQ**

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
09060137-007A SW846 9056 Anions by Ion Chromatography By: SRM										
W09520	WC 2009 1528 16	14808-79-8	Sulfate	ND	mg/Kg	10	0.5		06-15-09	06-15-09

Sample: **CELL#8 MONITORING ZONE**Collected: **05-27-09 11:30:00** By:Matrix: **NAQ**

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
09060137-008A SW846 3050B/6010B ICP By: TKT										
M09591	MT 2009 936 45	7440-38-2	Arsenic	ND	mg/kg	50	0.25		06-09-09	06-18-09
M09591	MT 2009 936 45	7440-39-3	Barium	202	mg/kg	50	0.15		06-09-09	06-18-09
M09591	MT 2009 936 44	7440-43-9	Cadmium	ND	mg/kg	10	0.25		06-09-09	06-18-09
M09591	MT 2009 936 45	7440-70-2	Calcium	5690	mg/kg	50	25		06-09-09	06-18-09
M09591	MT 2009 936 44	7440-47-3	Chromium	20.8	mg/kg	10	0.1		06-09-09	06-18-09
M09591	MT 2009 936 44	7439-92-1	Lead	7.17	mg/kg	10	0.25		06-09-09	06-18-09
M09591	MT 2009 936 45	7439-95-4	Magnesium	6030	mg/kg	50	25		06-09-09	06-18-09
M09591	MT 2009 936 44	7440-09-7	Potassium	2380	mg/kg	10	25		06-09-09	06-18-09
M09591	MT 2009 936 44	7782-49-2	Selenium	ND	mg/kg	10	0.5		06-09-09	06-18-09
M09591	MT 2009 936 44	7440-22-4	Silver	ND	mg/kg	10	0.25		06-09-09	06-18-09
M09591	MT 2009 936 44	7440-23-5	Sodium	ND	mg/kg	10	25		06-09-09	06-18-09

09060137-008A SW846 5035B/8021B Purgeable VOCs by GC/PID By: BP/MR

V09216	XG 2009 767 5	71-43-2	Benzene	ND	mg/Kg	1	0.005		06-10-09	06-10-09
V09216	XG 2009 767 5	100-41-4	Ethylbenzene	ND	mg/Kg	1	0.005		06-10-09	06-10-09
V09216	XG 2009 767 5	95-47-6	o-Xylene	ND	mg/Kg	1	0.005		06-10-09	06-10-09
V09216	XG 2009 767 5	179601-23-1	p/m-Xylenes	ND	mg/Kg	1	0.01		06-10-09	06-10-09
V09216	XG 2009 767 5	108-88-3	Toluene	ND	mg/Kg	1	0.005		06-10-09	06-10-09

09060137-008A SW846 7471B CVAA By: ELS

M09616	MT 2009 937 27	7439-97-6	Mercury	ND	ug/Kg	1	20		06-19-09	06-19-09
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09060137-008A SW846 8015B Diesel Range Organics by GC/FID By: IBR/BP

S09273	XG 2009 804 2		Diesel Range Organics	ND	mg/Kg	1	50		06-08-09	06-11-09
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09060137-008A SW846 9056 Anions by Ion Chromatography By: SRM

W09520	WC 2009 1528 17	16887-00-6	Chloride	ND	mg/Kg	10	0.5		06-15-09	06-15-09
W09520	WC 2009 1528 17	16984-48-8	Fluoride	ND	mg/Kg	10	0.5		06-15-09	06-15-09
W09520	WC 2009 1528 17	14797-65-0	Nitrate, as N	ND	mg/Kg	10	0.5		06-15-09	06-15-09
W09520	WC 2009 1528 17	14265-44-2	Orthophosphate, as P	ND	mg/Kg	10	0.5		06-15-09	06-15-09
W09520	WC 2009 1528 17	14808-79-8	Sulfate	ND	mg/Kg	10	0.5		06-15-09	06-15-09

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Client: **T-N-T ENVIRONMENTAL**Project: **LAND FARM**Order: **09060137 TNT01**Receipt: **06-04-09**Sample: **CELL#9 MONITORING ZONE**Collected: **05-27-09 12:00:00** By:Matrix: **NAQ**

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
09060137-009A			SW846 3050B/6010B ICP					By: TKT		
M09591	MT 2009 936 46	7440-38-2	Arsenic	ND	mg/kg	10	0.25		06-09-09	06-18-09
M09591	MT 2009 936 47	7440-39-3	Barium	210	mg/kg	50	0.15		06-09-09	06-18-09
M09591	MT 2009 936 46	7440-43-9	Cadmium	ND	mg/kg	10	0.25		06-09-09	06-18-09
M09591	MT 2009 936 47	7440-70-2	Calcium	5830	mg/kg	50	25		06-09-09	06-18-09
M09591	MT 2009 936 46	7440-47-3	Chromium	21.7	mg/kg	10	0.1		06-09-09	06-18-09
M09591	MT 2009 936 46	7439-92-1	Lead	6.11	mg/kg	10	0.25		06-09-09	06-18-09
M09591	MT 2009 936 47	7439-95-4	Magnesium	6090	mg/kg	50	25		06-09-09	06-18-09
M09591	MT 2009 936 46	7440-09-7	Potassium	2270	mg/kg	10	25		06-09-09	06-18-09
M09591	MT 2009 936 46	7782-49-2	Selenium	ND	mg/kg	10	0.5		06-09-09	06-18-09
M09591	MT 2009 936 46	7440-22-4	Silver	ND	mg/kg	10	0.25		06-09-09	06-18-09
M09591	MT 2009 936 46	7440-23-5	Sodium	ND	mg/kg	10	25		06-09-09	06-18-09

09060137-009A			SW846 5035B/8021B Purgeable VOCs by GC/PID					By: BP/MR		
V09216	XG 2009 767 6	71-43-2	Benzene	0.0084	mg/Kg	1	0.005		06-10-09	06-10-09
V09216	XG 2009 767 6	100-41-4	Ethylbenzene	0.0090	mg/Kg	1	0.005		06-10-09	06-10-09
V09216	XG 2009 767 6	95-47-6	o-Xylene	0.0093	mg/Kg	1	0.005		06-10-09	06-10-09
V09216	XG 2009 767 6	179601-23-1	p/m-Xylenes	0.019	mg/Kg	1	0.01		06-10-09	06-10-09
V09216	XG 2009 767 6	108-88-3	Toluene	0.0093	mg/Kg	1	0.005		06-10-09	06-10-09

09060137-009A			SW846 7471B CVAA					By: ELS		
M09616	MT 2009 937 28	7439-97-6	Mercury	ND	ug/Kg	1	20		06-19-09	06-19-09

09060137-009A			SW846 8015B Diesel Range Organics by GC/FID					By: IBR/BP		
S09273	XG 2009 776 16		Diesel Range Organics	ND	mg/Kg	1	50		06-08-09	06-11-09

09060137-009A			SW846 9056 Anions by Ion Chromatography					By: SRM		
W09520	WC 2009 1528 18	16887-00-6	Chloride	ND	mg/Kg	10	0.5		06-15-09	06-15-09
W09520	WC 2009 1528 18	16984-48-8	Fluoride	ND	mg/Kg	10	0.5		06-15-09	06-15-09
W09520	WC 2009 1528 18	14797-65-0	Nitrate, as N	ND	mg/Kg	10	0.5		06-15-09	06-15-09
W09520	WC 2009 1528 18	14265-44-2	Orthophosphate, as P	ND	mg/Kg	10	0.5		06-15-09	06-15-09
W09520	WC 2009 1528 18	14808-79-8	Sulfate	ND	mg/Kg	10	0.5		06-15-09	06-15-09

Sample: **CELL#10 MONITORING ZONE**Collected: **05-27-09 12:30:00** By:Matrix: **NAQ**

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
09060137-010A			SW846 3050B/6010B ICP					By: TKT		
M09591	MT 2009 936 48	7440-38-2	Arsenic	ND	mg/kg	10	0.25		06-09-09	06-18-09
M09591	MT 2009 936 49	7440-39-3	Barium	188	mg/kg	50	0.15		06-09-09	06-18-09
M09591	MT 2009 936 48	7440-43-9	Cadmium	ND	mg/kg	10	0.25		06-09-09	06-18-09
M09591	MT 2009 936 49	7440-70-2	Calcium	5120	mg/kg	50	25		06-09-09	06-18-09
M09591	MT 2009 936 48	7440-47-3	Chromium	19.4	mg/kg	10	0.1		06-09-09	06-18-09
M09591	MT 2009 936 48	7439-92-1	Lead	5.19	mg/kg	10	0.25		06-09-09	06-18-09
M09591	MT 2009 936 49	7439-95-4	Magnesium	5330	mg/kg	50	25		06-09-09	06-18-09

ARS Analytical, LLC

Certificate of Analysis

All samples are reported on an "as received" basis, unless otherwise noted (i.e. - Dry Weight).

Client: **T-N-T ENVIRONMENTAL**Project: **LAND FARM**Order: **09060137 TNT01**Receipt: **06-04-09**Sample: **CELL#10 MONITORING ZONE**Collected: **05-27-09 12:30.00** By:Matrix: **NAQ**

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
09060137-010A			SW846 3050B/6010B ICP					By: TKT		
M09591	MT 2009 936 48	7440-09-7	Potassium	2380	mg/kg	10	25		06-09-09	06-18-09
M09591	MT 2009 936 48	7782-49-2	Selenium	ND	mg/kg	10	0.5		06-09-09	06-18-09
M09591	MT 2009 936 48	7440-22-4	Silver	ND	mg/kg	10	0.25		06-09-09	06-18-09
M09591	MT 2009 936 48	7440-23-5	Sodium	ND	mg/kg	10	25		06-09-09	06-18-09
09060137-010A			SW846 5035B/8021B Purgeable VOCs by GC/PID					By: BP/MR		
V09216	XG 2009 767 7	71-43-2	Benzene	ND	mg/Kg	1	0.005		06-10-09	06-10-09
V09216	XG 2009 767 7	100-41-4	Ethylbenzene	ND	mg/Kg	1	0.005		06-10-09	06-10-09
V09216	XG 2009 767 7	95-47-6	o-Xylene	ND	mg/Kg	1	0.005		06-10-09	06-10-09
V09216	XG 2009 767 7	179601-23-1	p/m-Xylenes	ND	mg/Kg	1	0.01		06-10-09	06-10-09
V09216	XG 2009 767 7	108-88-3	Toluene	ND	mg/Kg	1	0.005		06-10-09	06-10-09
09060137-010A			SW846 7471B CVAA					By: ELS		
M09616	MT 2009 937 29	7439-97-6	Mercury	ND	ug/Kg	1	20		06-19-09	06-19-09
09060137-010A			SW846 8015B Diesel Range Organics by GC/FID					By: ABR/BP		
S09273	XG 2009 776 17		Diesel Range Organics	ND	mg/Kg	1	50		06-08-09	06-11-09
09060137-010A			SW846 9056 Anions by Ion Chromatography					By: SRM		
W09520	WC 2009 1528 19	16887-00-6	Chloride	ND	mg/Kg	10	0.5		06-15-09	06-15-09
W09520	WC 2009 1528 19	16984-48-8	Fluoride	ND	mg/Kg	10	0.5		06-15-09	06-15-09
W09520	WC 2009 1528 19	14797-65-0	Nitrate, as N	ND	mg/Kg	10	0.5		06-15-09	06-15-09
W09520	WC 2009 1528 19	14265-44-2	Orthophosphate, as P	ND	mg/Kg	10	0.5		06-15-09	06-15-09
W09520	WC 2009 1528 19	14808-79-8	Sulfate	ND	mg/Kg	10	0.5		06-15-09	06-15-09

Sample: **CELL#11 BACK GROUND**Collected: **05-27-09 13:00:00** By:Matrix: **NAQ**

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
09060137-011A			SW846 3050B/6010B ICP					By: TKT		
M09591	MT 2009 936 53	7440-38-2	Arsenic	ND	mg/kg	50	0.25		06-09-09	06-18-09
M09591	MT 2009 936 53	7440-39-3	Barium	221	mg/kg	50	0.15		06-09-09	06-18-09
M09591	MT 2009 936 52	7440-43-9	Cadmium	ND	mg/kg	10	0.25		06-09-09	06-18-09
M09591	MT 2009 936 53	7440-70-2	Calcium	5980	mg/kg	50	25		06-09-09	06-18-09
M09591	MT 2009 936 52	7440-47-3	Chromium	22.5	mg/kg	10	0.1		06-09-09	06-18-09
M09591	MT 2009 936 52	7439-92-1	Lead	6.61	mg/kg	10	0.25		06-09-09	06-18-09
M09591	MT 2009 936 53	7439-95-4	Magnesium	6200	mg/kg	50	25		06-09-09	06-18-09
M09591	MT 2009 936 52	7440-09-7	Potassium	2480	mg/kg	10	25		06-09-09	06-18-09
M09591	MT 2009 936 52	7782-49-2	Selenium	ND	mg/kg	10	0.5		06-09-09	06-18-09
M09591	MT 2009 936 52	7440-22-4	Silver	ND	mg/kg	10	0.25		06-09-09	06-18-09
M09591	MT 2009 936 52	7440-23-5	Sodium	ND	mg/kg	10	25		06-09-09	06-18-09
09060137-011A			SW846 5035B/8021B Purgeable VOCs by GC/PID					By: BP/MR		
V09216	XG 2009 767 8	71-43-2	Benzene	ND	mg/Kg	1	0.005	2	06-10-09	06-10-09

ARS Analytical, LLC

Certificate of Analysis

All samples are reported on an "as received" basis, unless otherwise noted (i.e. - Dry Weight).

Client: **T-N-T ENVIRONMENTAL**Project: **LAND FARM**Order: **09060137 TNT01**Receipt: **06-04-09**Sample: **CELL#11 BACK GROUND**Collected: **05-27-09 13:00:00** By:Matrix: **NAQ**

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
09060137-011A			SW846 5035B/8021B Purgeable VOCs by GC/PID						By: BP/MR	
V09216	XG 2009.767 8	100-41-4	Ethylbenzene	ND	mg/Kg	1	0.005	2	06-10-09	06-10-09
V09216	XG 2009 767 8	95-47-6	o-Xylene	ND	mg/Kg	1	0.005	2	06-10-09	06-10-09
V09216	XG 2009 767 8	179601-23-1	p/m-Xylenes	ND	mg/Kg	1	0.01	2	06-10-09	06-10-09
V09216	XG 2009 767 8	108-88-3	Toluene	ND	mg/Kg	1	0.005	2	06-10-09	06-10-09
09060137-011A			SW846 7471B CVAA						By: ELS	
M09616	MT.2009 937 32	7439-97-6	Mercury	ND	ug/Kg	1	20		06-19-09	06-19-09
09060137-011A			SW846 8015B Diesel Range Organics by GC/FID						By: IBR/BP	
S09273	XG 2009 776 18		Diesel Range Organics	ND	mg/Kg	1	50		06-08-09	06-11-09
09060137-011A			SW846 9056 Anions by Ion Chromatography						By: SRM	
W09520	WC 2009 1528 20	16887-00-6	Chloride	ND	mg/Kg	10	0.5		06-15-09	06-15-09
W09520	WC 2009.1528 20	16984-48-8	Fluoride	ND	mg/Kg	10	0.5		06-15-09	06-15-09
W09520	WC 2009 1528 20	14797-65-0	Nitrate, as N	ND	mg/Kg	10	0.5		06-15-09	06-15-09
W09520	WC 2009 1528 20	14265-44-2	Orthophosphate, as P	ND	mg/Kg	10	0.5		06-15-09	06-15-09
W09520	WC 2009 1528.20	14808-79-8	Sulfate	ND	mg/Kg	10	0.5		06-15-09	06-15-09

Sample: **CELL#12 BACK GROUND**Collected: **05-27-09 13:30:00** By:Matrix: **NAQ**

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
09060137-012A			SW846 3050B/6010B ICP						By: TKT	
M09591	MT 2009 936 55	7440-38-2	Arsenic	ND	mg/kg	50	0.25		06-09-09	06-18-09
M09591	MT 2009 936 55	7440-39-3	Barium	202	mg/kg	50	0.15		06-09-09	06-18-09
M09591	MT 2009.936 54	7440-43-9	Cadmium	ND	mg/kg	10	0.25		06-09-09	06-18-09
M09591	MT 2009 936 54	7440-70-2	Calcium	4900	mg/kg	10	25		06-09-09	06-18-09
M09591	MT 2009 936 54	7440-47-3	Chromium	20.5	mg/kg	10	0.1		06-09-09	06-18-09
M09591	MT 2009 936 54	7439-92-1	Lead	5.81	mg/kg	10	0.25		06-09-09	06-18-09
M09591	MT 2009 936 55	7439-95-4	Magnesium	5640	mg/kg	50	25		06-09-09	06-18-09
M09591	MT 2009 936 54	7440-09-7	Potassium	2460	mg/kg	10	25		06-09-09	06-18-09
M09591	MT 2009 936 54	7782-49-2	Selenium	ND	mg/kg	10	0.5		06-09-09	06-18-09
M09591	MT 2009.936 54	7440-22-4	Silver	ND	mg/kg	10	0.25		06-09-09	06-18-09
M09591	MT 2009 936 54	7440-23-5	Sodium	ND	mg/kg	10	25		06-09-09	06-18-09
09060137-012A			SW846 5035B/8021B Purgeable VOCs by GC/PID						By: BP/MR	
V09216	XG 2009 767 9	71-43-2	Benzene	ND	mg/Kg	1	0.005	2	06-10-09	06-10-09
V09216	XG 2009 767.9	100-41-4	Ethylbenzene	ND	mg/Kg	1	0.005	2	06-10-09	06-10-09
V09216	XG 2009 767 9	95-47-6	o-Xylene	ND	mg/Kg	1	0.005	2	06-10-09	06-10-09
V09216	XG 2009 767 9	179601-23-1	p/m-Xylenes	ND	mg/Kg	1	0.01	2	06-10-09	06-10-09
V09216	XG.2009.767.9	108-88-3	Toluene	ND	mg/Kg	1	0.005	2	06-10-09	06-10-09
09060137-012A			SW846 7471B CVAA						By: ELS	
M09616	MT 2009 937 33	7439-97-6	Mercury	ND	ug/Kg	1	20		06-19-09	06-19-09

ARS Analytical, LLC

Certificate of Analysis

All samples are reported on an "as received" basis, unless otherwise noted (i.e. - Dry Weight).

Client: **T-N-T ENVIRONMENTAL**Project: **LAND FARM**Order: **09060137 TNT01**Receipt: **06-04-09**Sample: **CELL#12 BACK GROUND**Collected: **05-27-09 13:30:00** By:Matrix: **NAQ**

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
09060137-012A			SW846 8015B Diesel Range Organics by GC/FID				By: ABR/BP			
S09273	XG.2009 776 19		Diesel Range Organics	ND	mg/Kg	1	50		06-08-09	06-11-09
09060137-012A			SW846 9056 Anions by Ion Chromatography				By: SRM			
W09520	WC 2009 1528 21	16887-00-6	Chloride	ND	mg/Kg	10	0.5		06-15-09	06-15-09
W09520	WC 2009 1528 21	16984-48-8	Fluoride	5.50	mg/Kg	10	0.5		06-15-09	06-15-09
W09520	WC 2009 1528 21	14797-65-0	Nitrate, as N	ND	mg/Kg	10	0.5		06-15-09	06-15-09
W09520	WC.2009 1528 21	14265-44-2	Orthophosphate, as P	ND	mg/Kg	10	0.5		06-15-09	06-15-09
W09520	WC 2009 1528 21	14808-79-8	Sulfate	ND	mg/Kg	10	0.5		06-15-09	06-15-09

Unless otherwise noted, all samples were received in acceptable condition and all sampling was performed by client or client representative. Sample result of ND indicates Not Detected, ie result is less than the sample specific Detection Limit. Sample specific Detection Limit is determined by multiplying the sample Dilution Factor by the listed Reporting Detection Limit. All results relate only to the items tested. Any miscellaneous workorder information or footnotes will appear below.

Analytical results are not corrected for method blank or field blank contamination.

- 1 The MSD recoveries and MS/MSD-RPDs were outside of QA/QC criteria, due to matrix interferences. The LCS and MS were within criteria, demonstrating accuracy for the method.
- 2 The sample contained headspace at time of extraction and analysis.



133 State Rd. 4
White Rock, NM 87544
505-259-9795 505-440-6522

2609 North River Road
Port Allen, Louisiana 70767
225-381-2991

Chain of Custody Record

Lab Job No: 09060137 Date 6/4/9

Page _____ of _____

Client ARS INTERNATIONAL

Address 2709-D Pan American FRWY NE

City/State/Zip Albuquerque, NM 87107

Telephone No. 505-344-3777

Fax No. 505-344-4413

Contract/Purchase Order/Quote _____

Project Name/Number TNT

Project Manager/Contact _____

Samplers: (signature) _____

Relinquished by: Signature <u>[Signature]</u> Printed <u>Greg M. Sentero</u> Company _____ Reason _____	Date <u>6/4/9</u> Time <u>102</u>	Received by: Signature <u>[Signature]</u> Printed <u>SA</u> Company _____ Reason <u>an</u>
Relinquished by: Signature _____ Printed _____ Company _____ Reason _____	Date _____ Time _____	Received by: Signature _____ Printed _____ Company _____ Reason _____

ARS3-09-00966

ARS Number	Field Sample Number / Location	Date	Time	Sample Type	Type/Size/Container	Preservation		No. of Containers	Analysis Required							Remarks
						Temp	Chemical		(8) RURA Metals	Ca, Mg, K, Na	Cl, F, NO ₃ , SO ₄	PO ₄	BTEX 2021	DR 8015		
001	Cell #1 Monitoring Zone	5/27/9	0800	NAO	802 Jar			1	X	X	X	X	X	X		
002	Cell #2		0830													
003	Cell #3		0900													
004	Cell #4		0930													
005	Cell #5		1000													
006	Cell #6		1030													
007	Cell #7		1100													
008	Cell #8		1130													
009	Cell #9		1200													
010	Cell #10		1230													
011	Cell #11 Back Gravel		1300													
012	Cell #12 Back Gravel		1330													

Method of Shipment _____
Shipment No _____
Special Instruction: _____

Comments Email Results to Elvin and Francine

After analysis, samples are to be:

- ☐ Disposed of (additional fee)
- ☐ Stored (30 days max)
- ☐ Stored over 30 days (additional fee)
- ☐ Returned to customer

LABORATORY - WHITE COPY

ARS PROJECT FILE - YELLOW COPY

Project: **LAND FARM**

Terms
DUE UPON RECEIPT

Invoice # : **1011613**

Remarks

\$187.00

Invoice # : 1011613

	<u>Amount</u>	<u>Surcharge</u>	<u>Amount Due</u>	<u>Remarks</u>
--	---------------	------------------	-------------------	----------------

8021-BTEX

8021B Purgeable VOCs by GC/PID	\$54.00	\$0.00	\$54.00	
	\$54.00	\$0.00	\$54.00	

MISC ITEMS

SW846 8015B Diesel Range Organics by GC/FID	\$54.00	\$0.00	\$54.00	
SW846 9056 Anions by Ion Chromatography	\$145.00	\$0.00	\$145.00	
	\$199.00	\$0.00	\$199.00	

003 **CELL#3 MONITORING ZONE**6010/7471-RCRA

6010B ICP	\$187.00	\$0.00	\$187.00	
	\$187.00	\$0.00	\$187.00	

8021-BTEX

8021B Purgeable VOCs by GC/PID	\$54.00	\$0.00	\$54.00	
	\$54.00	\$0.00	\$54.00	

MISC ITEMS

SW846 8015B Diesel Range Organics by GC/FID	\$54.00	\$0.00	\$54.00	
SW846 9056 Anions by Ion Chromatography	\$145.00	\$0.00	\$145.00	
	\$199.00	\$0.00	\$199.00	

004 **CELL#4 MONITORING ZONE**6010/7471-RCRA

6010B ICP	\$187.00	\$0.00	\$187.00	
	\$187.00	\$0.00	\$187.00	

8021-BTEX

8021B Purgeable VOCs by GC/PID	\$54.00	\$0.00	\$54.00	
	\$54.00	\$0.00	\$54.00	

Invoice # : 1011613

AmountSurchargeAmount DueRemarksMISC ITEMS

SW846 8015B Diesel Range Organics by GC/FID

\$54.00

\$0.00

\$54.00

SW846 9056 Anions by Ion Chromatography

\$145.00

\$0.00

\$145.00

\$199.00

\$0.00

\$199.00

005 **CELL#5 MONITORING ZONE**6010/7471-RCRA

6010B ICP

\$187.00

\$0.00

\$187.00

\$187.00

\$0.00

\$187.00

8021-BTEX

8021B Purgeable VOCs by GC/PID

\$54.00

\$0.00

\$54.00

\$54.00

\$0.00

\$54.00

MISC ITEMS

SW846 8015B Diesel Range Organics by GC/FID

\$54.00

\$0.00

\$54.00

SW846 9056 Anions by Ion Chromatography

\$145.00

\$0.00

\$145.00

\$199.00

\$0.00

\$199.00

006 **CELL#6 MONITORING ZONE**6010/7471-RCRA

6010B ICP

\$187.00

\$0.00

\$187.00

\$187.00

\$0.00

\$187.00

8021-BTEX

8021B Purgeable VOCs by GC/PID

\$54.00

\$0.00

\$54.00

\$54.00

\$0.00

\$54.00

MISC ITEMS

SW846 8015B Diesel Range Organics by GC/FID

\$54.00

\$0.00

\$54.00

SW846 9056 Anions by Ion Chromatography

\$145.00

\$0.00

\$145.00

\$199.00

\$0.00

\$199.00

007 CELL#7 MONITORING ZONE6010/7471-RCRA

6010B ICP	\$187.00	\$0.00	\$187.00
	\$187.00	\$0.00	\$187.00

8021-BTEX

8021B Purgeable VOCs by GC/PID	\$54.00	\$0.00	\$54.00
	\$54.00	\$0.00	\$54.00

MISC ITEMS

SW846 8015B Diesel Range Organics by GC/FID	\$54.00	\$0.00	\$54.00
SW846 9056 Anions by Ion Chromatography	\$145.00	\$0.00	\$145.00
	\$199.00	\$0.00	\$199.00

008 CELL#8 MONITORING ZONE6010/7471-RCRA

6010B ICP	\$187.00	\$0.00	\$187.00
	\$187.00	\$0.00	\$187.00

8021-BTEX

8021B Purgeable VOCs by GC/PID	\$54.00	\$0.00	\$54.00
	\$54.00	\$0.00	\$54.00

MISC ITEMS

SW846 8015B Diesel Range Organics by GC/FID	\$54.00	\$0.00	\$54.00
SW846 9056 Anions by Ion Chromatography	\$145.00	\$0.00	\$145.00
	\$199.00	\$0.00	\$199.00

009 CELL#9 MONITORING ZONE6010/7471-RCRA

6010B ICP	\$187.00	\$0.00	\$187.00
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Invoice # : 1011613

	<u>Amount</u>	<u>Surcharge</u>	<u>Amount Due</u>	<u>Remarks</u>
	\$187.00	\$0.00	\$187.00	
<u>8021-BTEX</u>				
8021B Purgeable VOCs by GC/PID	\$54.00	\$0.00	\$54.00	
	\$54.00	\$0.00	\$54.00	
<u>MISC ITEMS</u>				
SW846 8015B Diesel Range Organics by GC/FID	\$54.00	\$0.00	\$54.00	
SW846 9056 Anions by Ion Chromatography	\$145.00	\$0.00	\$145.00	
	\$199.00	\$0.00	\$199.00	
010 CELL#10 MONITORING ZONE				
<u>6010/7471-RCRA</u>				
6010B ICP	\$187.00	\$0.00	\$187.00	
	\$187.00	\$0.00	\$187.00	
<u>8021-BTEX</u>				
8021B Purgeable VOCs by GC/PID	\$54.00	\$0.00	\$54.00	
	\$54.00	\$0.00	\$54.00	
<u>MISC ITEMS</u>				
SW846 8015B Diesel Range Organics by GC/FID	\$54.00	\$0.00	\$54.00	
SW846 9056 Anions by Ion Chromatography	\$145.00	\$0.00	\$145.00	
	\$199.00	\$0.00	\$199.00	
011 CELL#11 BACK GROUND				
<u>6010/7471-RCRA</u>				
6010B ICP	\$187.00	\$0.00	\$187.00	
	\$187.00	\$0.00	\$187.00	
<u>8021-BTEX</u>				
8021B Purgeable VOCs by GC/PID	\$54.00	\$0.00	\$54.00	
	\$54.00	\$0.00	\$54.00	

Invoice #: 1011613

AmountSurchargeAmount DueRemarksMISC ITEMS

SW846 8015B Diesel Range Organics by GC/FID	\$54.00	\$0.00	\$54.00
SW846 9056 Anions by Ion Chromatography	\$145.00	\$0.00	\$145.00
	\$199.00	\$0.00	\$199.00

012 **CELL#12 BACK GROUND**6010/7471-RCRA

6010B ICP	\$187.00	\$0.00	\$187.00
	\$187.00	\$0.00	\$187.00

8021-BTEX

8021B Purgeable VOCs by GC/PID	\$54.00	\$0.00	\$54.00
	\$54.00	\$0.00	\$54.00

MISC ITEMS

SW846 8015B Diesel Range Organics by GC/FID	\$54.00	\$0.00	\$54.00
SW846 9056 Anions by Ion Chromatography	\$145.00	\$0.00	\$145.00
	\$199.00	\$0.00	\$199.00

Thank you for your business.

Subtotals

\$5,280.00

\$0.00

\$5,280.00

Tax @ % 6.75

\$356.40

Invoice Total Due

\$5,636.40

T-n-T Environmental, Inc.
HCR 74 Box 113
Lindrith, NM 87029

RECEIVED

2008 SEP 8 PM 2 14

Oil Conservation Division
Attn: Ed Martin
1220 South Saint Francis
Santa Fe, NM 87505

OCD Annual and Quarterly Report

Due Date 8-31-08

Date Sent 9-3-08

☒ Test Results of Quarterly Treatment Zone Monitoring of Land Farm Cells 1,
2, 3, 4, 5, 6, ___ for TPH and BTEX.

☐ Test Results of Annual Treatment Zone Monitoring of Land Farm Cells ___, ___,
___, ___, ___, ___ for Cations/Anions and 8 RCRA Heavy Metals.

☒ Annual Report of Weekly Testing of Leak Detection Sumps on Pond 1 and 3

☐ Water Detected, Test Results included

☒ No Water Detected

☒ Annual Report of Monthly Testing of Monitor Well's Surrounding Pond 2

☐ Water Detected, Test Results Included

☒ No Water Detected

W 50808

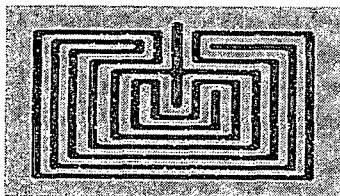
[Faint vertical text, likely bleed-through from the reverse side]

NUMBER OF CONTAINERS

PLEASE FILL THIS FORM IN COMPLETELY.

David Kidd

July 2003 P.L. Inc.: Pinnacle Laboratories, Inc. • 2709-D Pan American Freeway NE • Albuquerque, New Mexico 87107 • (505) 344-3777 • Fax: (505) 344-4412 • E-mail: info@pinnaclelabs.com



ANASAZI ENVIRONMENTAL SOLUTIONS

A Woman-Owned, Native-American Business

GAS CHROMATOGRAPHY RESULTS

TEST : EPA 8021B / 8015B GRO
CLIENT : T-N-T ENVIRONMENTAL
PROJECT # : (NONE)
PROJECT NAME : (NONE)

AES I.D. : 808053
ANALYST : DRK

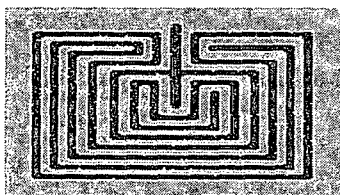
SAMPLE			DATE	DATE	DATE	DIL.
ID. #	CLIENT I.D.	MATRIX	SAMPLED	EXTRACTED	ANALYZED	FACTOR
01	CELL #1 QUARTERLY	NON-AQ	08/18/08	08/26/08	08/27/08	1
02	CELL #2 QUARTERLY	NON-AQ	08/18/08	08/26/08	08/27/08	1
03	CELL #3 QUARTERLY	NON-AQ	08/18/08	08/26/08	08/27/08	1

PARAMETER	DET. LIMIT	UNITS	CELL #1 QUARTERLY	CELL #2 QUARTERLY	CELL #3 QUARTERLY
FUEL HYDROCARBONS	10	MG/KG	11	< 10	< 10
HYDROCARBON RANGE			C6-C10	C6-C10	C6-C10
HYDROCARBONS QUANTITATED USING			GASOLINE	GASOLINE	GASOLINE

BENZENE	0.025	MG/KG	< 0.025	< 0.025	< 0.025
TOLUENE	0.025	MG/KG	0.064	< 0.025	< 0.025
ETHYLBENZENE	0.025	MG/KG	< 0.025	< 0.025	< 0.025
TOTAL XYLENES	0.10	MG/KG	< 0.10	< 0.10	< 0.10

SURROGATE:					
TRIFLUOROTOLUENE (%)			96	85	84
SURROGATE LIMITS	(70 - 130)				

CHEMIST NOTES:
N/A



ANASAZI ENVIRONMENTAL SOLUTIONS

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GAS CHROMATOGRAPHY RESULTS

TEST : EPA 8021B / 8015B GRO
CLIENT : T-N-T ENVIRONMENTAL
PROJECT # : (NONE)
PROJECT NAME : (NONE)

AES I.D. : 808053
ANALYST : DRK

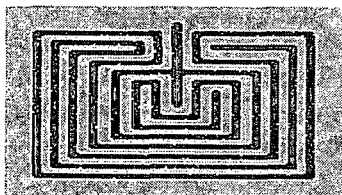
SAMPLE ID. #	CLIENT I.D.	MATRIX	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED	DIL. FACTOR
04	CELL #4 QUARTERLY	NON-AQ	08/18/08	08/26/08	08/27/08	1
05	CELL #5 QUARTERLY	NON-AQ	08/18/08	08/26/08	08/27/08	1
06	CELL #6 QUARTERLY	NON-AQ	08/18/08	08/26/08	08/27/08	1

PARAMETER	DET. LIMIT	UNITS	CELL #4 QUARTERLY	CELL #5 QUARTERLY	CELL #6 QUARTERLY
FUEL HYDROCARBONS	10	MG/KG	< 10	< 10	< 10
HYDROCARBON RANGE			C6-C10	C6-C10	C6-C10
HYDROCARBONS QUANTITATED USING			GASOLINE	GASOLINE	GASOLINE

BENZENE	0.025	MG/KG	< 0.025	< 0.025	< 0.025
TOLUENE	0.025	MG/KG	< 0.025	< 0.025	< 0.025
ETHYLBENZENE	0.025	MG/KG	< 0.025	< 0.025	< 0.025
TOTAL XYLENES	0.10	MG/KG	< 0.10	< 0.10	< 0.10

SURROGATE:					
TRIFLUOROTOLUENE (%)			86	84	84
SURROGATE LIMITS	(70 - 130)				

CHEMIST NOTES:
N/A



ANASAZI ENVIRONMENTAL SOLUTIONS

A Woman-Owned, Native-American Business

GAS CHROMATOGRAPHY RESULTS

TEST : EPA 8015 MODIFIED (DIRECT INJECT)
CLIENT : T-N-T ENVIRONMENTAL
PROJECT # : (NONE)
PROJECT NAME : (NONE)

AES I.D. : 808053
ANALYST : DRK

SAMPLE			DATE	DATE	DATE	DIL.
ID. #	CLIENT I.D.	MATRIX	SAMPLED	EXTRACTED	ANALYZED	FACTOR
01	CELL #1 QUARTERLY	NON-AQ	08/18/08	08/27/08	08/27/08	1
02	CELL #2 QUARTERLY	NON-AQ	08/18/08	08/27/08	08/27/08	1
03	CELL #3 QUARTERLY	NON-AQ	08/18/08	08/27/08	08/27/08	1

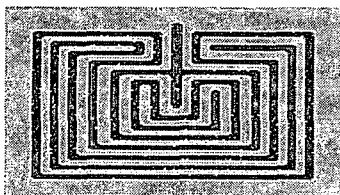
PARAMETER	DET. LIMIT	UNITS	CELL #1 QUARTERLY	CELL #2 QUARTERLY	CELL #3 QUARTERLY
FUEL HYDROCARBONS, C10-C22	10	MG/KG	< 10	< 10	< 10
FUEL HYDROCARBONS, C22-C36	10	MG/KG	< 10	< 10	< 10

SURROGATE:

O-TERPHENYL (%) 83 88 88
SURROGATE LIMITS (70-130)

CHEMIST NOTES:

N/A



ANASAZI ENVIRONMENTAL SOLUTIONS

A Woman-Owned, Native-American Business

GAS CHROMATOGRAPHY RESULTS

TEST : EPA 8015 MODIFIED (DIRECT INJECT)
CLIENT : T-N-T ENVIRONMENTAL
PROJECT # : (NONE)
PROJECT NAME : (NONE)

AES I.D. : 803053
ANALYST : DF:K

SAMPLE		MATRIX	DATE	DATE	DATE	DIL.
ID. #	CLIENT I.D.		SAMPLED	EXTRACTED	ANALYZED	FACTOR
04	CELL #4 QUARTERLY	NON-AQ	08/18/08	08/27/08	08/27/08	1
05	CELL #5 QUARTERLY	NON-AQ	08/18/08	08/27/08	08/27/08	1
06	CELL #6 QUARTERLY	NON-AQ	08/18/08	08/27/08	08/27/08	1

PARAMETER	DET. LIMIT	UNITS	CELL #4 QUARTERLY	CELL #5 QUARTERLY	CELL #6 QUARTERLY
FUEL HYDROCARBONS, C10-C22	10	MG/KG	< 10	< 10	< 10
FUEL HYDROCARBONS, C22-C36	10	MG/KG	< 10	< 10	< 10

SURROGATE:
O-TERPHENYL (%) 86 84 84
SURROGATE LIMITS (70-130)

CHEMIST NOTES:

N/A