

NM1 - 8

**MONITORING
REPORTS**

YEAR(S):

2007

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

NM 1-0008

Oil Conservation Division
Attn: Ed Martin
1220 South Saint Francis
Santa Fe, NM 87505

RECEIVED
2007 AUG 31 PM 2:12

OCD Annual and Quarterly Report

Due Date 8/31/07

Date Sent 8/30/07

☒ 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

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

August 28, 2007

Mr. Tony Schmitz
T-N-T Environmental
70 CR 405
Lindrith, NM 87029

Phone: (505) 774-6504
Fax: (505) 774-9116

Client No.: 07171-001

Dear Mr. Schmitz,

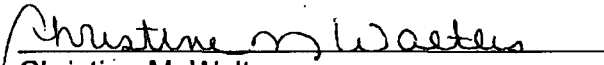
Enclosed are the analytical results for the samples collected from the location designated as "Land Farm". Six soil samples were collected by TNT Environmental designated personnel on 08/15/07, and received by the Envirotech laboratory on 08/23/07 for Total Petroleum Hydrocarbons (TPH) per USEPA Method 8015 and BTEX per USEPA Method 8021.

The samples were documented on Envirotech Chain of Custody No. 3280. The samples were assigned Laboratory Nos. 42852 (Cell #1), 42853 (Cell #2), 42854 (Cell #3), 42855 (Cell #4), 42856 (Cell #5) and 42857 (Cell #6) for tracking purposes.

The samples were analyzed 08/28/07 using USEPA or equivalent methods.

Should you have any questions or require additional information, please do not hesitate to contact us at (505) 632-0615.

Respectfully submitted,
Envirotech, Inc.


Christine M. Walters
Laboratory Coordinator / Environmental Scientist

enc.

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

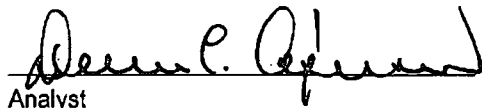
Client:	T-N-T Environmental	Project #:	07171-001
Sample ID:	Cell #1 Monitor	Date Reported:	08-28-07
Laboratory Number:	42852	Date Sampled:	08-15-07
Chain of Custody No:	3280	Date Received:	08-23-07
Sample Matrix:	Soil	Date Extracted:	08-27-07
Preservative:	Cool	Date Analyzed:	08-28-07
Condition:	Cool & Intact	Analysis Requested:	8015 TPH

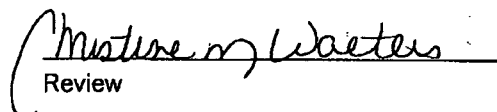
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	0.3	0.2
Diesel Range (C10 - C28)	ND	0.1
Total Petroleum Hydrocarbons	0.3	0.2

ND - Parameter not detected at the stated detection limit.

References: Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: **Land Farm**


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

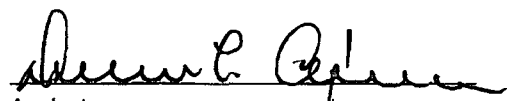
Client:	T-N-T Environmental	Project #:	07171-001
Sample ID:	Cell #2 Monitor	Date Reported:	08-28-07
Laboratory Number:	42853	Date Sampled:	08-15-07
Chain of Custody No:	3280	Date Received:	08-23-07
Sample Matrix:	Soil	Date Extracted:	08-27-07
Preservative:	Cool	Date Analyzed:	08-28-07
Condition:	Cool & Intact	Analysis Requested:	8015 TPH

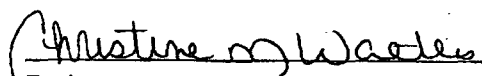
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	ND	0.1
Total Petroleum Hydrocarbons	ND	0.2

ND - Parameter not detected at the stated detection limit.

References: Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: Land Farm


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

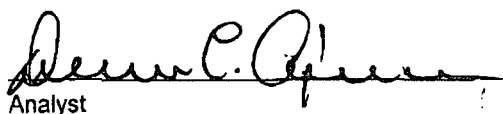
Client:	T-N-T Environmental	Project #:	07171-001
Sample ID:	Cell #3 Monitor	Date Reported:	08-28-07
Laboratory Number:	42854	Date Sampled:	08-15-07
Chain of Custody No:	3280	Date Received:	08-23-07
Sample Matrix:	Soil	Date Extracted:	08-27-07
Preservative:	Cool	Date Analyzed:	08-28-07
Condition:	Cool & Intact	Analysis Requested:	8015 TPH

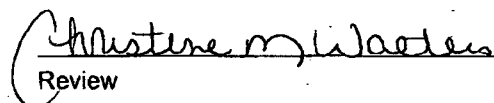
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	ND	0.1
Total Petroleum Hydrocarbons	ND	0.2

ND - Parameter not detected at the stated detection limit.

References: Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: Land Farm


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

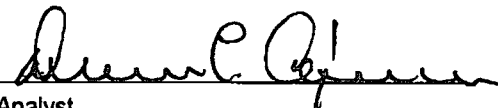
Client:	T-N-T Environmental	Project #:	07171-001
Sample ID:	Cell #4 Monitor	Date Reported:	08-28-07
Laboratory Number:	42855	Date Sampled:	08-15-07
Chain of Custody No:	3280	Date Received:	08-23-07
Sample Matrix:	Soil	Date Extracted:	08-27-07
Preservative:	Cool	Date Analyzed:	08-28-07
Condition:	Cool & Intact	Analysis Requested:	8015 TPH

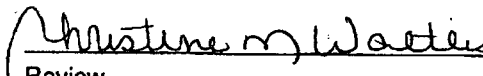
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	ND	0.1
Total Petroleum Hydrocarbons	ND	0.2

ND - Parameter not detected at the stated detection limit.

References: Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: **Land Farm**


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW**EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons**

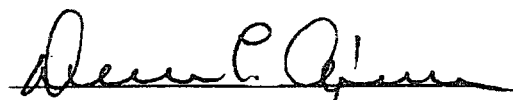
Client:	T-N-T Environmental	Project #:	07171-001
Sample ID:	Cell #5 Monitor	Date Reported:	08-28-07
Laboratory Number:	42856	Date Sampled:	08-15-07
Chain of Custody No:	3280	Date Received:	08-23-07
Sample Matrix:	Soil	Date Extracted:	08-27-07
Preservative:	Cool	Date Analyzed:	08-28-07
Condition:	Cool & Intact	Analysis Requested:	8015 TPH

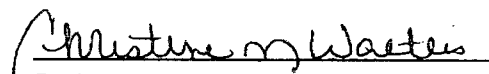
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	ND	0.1
Total Petroleum Hydrocarbons	ND	0.2

ND - Parameter not detected at the stated detection limit.

References: Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste,
SW-846, USEPA, December 1996.

Comments: Land Farm


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

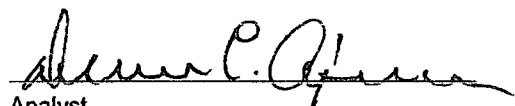
Client:	T-N-T Environmental	Project #:	07171-001
Sample ID:	Cell #6 Monitor	Date Reported:	08-28-07
Laboratory Number:	42857	Date Sampled:	08-10-07
Chain of Custody No:	3280	Date Received:	08-23-07
Sample Matrix:	Soil	Date Extracted:	08-27-07
Preservative:	Cool	Date Analyzed:	08-28-07
Condition:	Cool & Intact	Analysis Requested:	8015 TPH

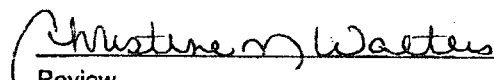
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	ND	0.1
Total Petroleum Hydrocarbons	ND	0.2

ND - Parameter not detected at the stated detection limit.

References: Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: Land Farm


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	08-28-07 QA/QC	Date Reported:	08-28-07
Laboratory Number:	42852	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	08-28-07
Condition:	N/A	Analysis Requested:	TPH

Parameter	Date	Lab Result	Client Result	% Difference	Accept. Range
Gasoline Range C5 - C10	05-07-07	1.0042E+003	1.0046E+003	0.04%	0 - 15%
Diesel Range C10 - C28	05-07-07	1.0020E+003	1.0024E+003	0.04%	0 - 15%

Gasoline Range C5 - C10	ND	0.2
Diesel Range C10 - C28	ND	0.1

Gasoline Range C5 - C10	0.3	0.3	0.0%	0 - 30%
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ENVIROTECH LABS, 10000 W. 10TH AVE., SUITE 100, DENVER, CO 80231

[Signature]

[Signature]

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW**EPA METHOD 8021
AROMATIC VOLATILE ORGANICS**

Client:	T-N-T Environmental	Project #:	07171-001
Sample ID:	Cell #1 Monitor	Date Reported:	08-28-07
Laboratory Number:	42852	Date Sampled:	08-15-07
Chain of Custody:	3280	Date Received:	08-23-07
Sample Matrix:	Soil	Date Analyzed:	08-28-07
Preservative:	Cool	Date Extracted:	08-27-07
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	1.0	0.9
Toluene	11.8	1.0
Ethylbenzene	23.0	1.0
p,m-Xylene	107	1.2
o-Xylene	35.0	0.9
Total BTEX	178	

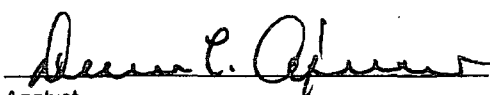
ND - Parameter not detected at the stated detection limit.

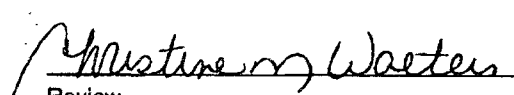
Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	99.0 %
	1,4-difluorobenzene	99.0 %
	Bromochlorobenzene	99.0 %

References: Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Method 8021B, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: Land Farm


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	T-N-T Environmental	Project #:	07171-001
Sample ID:	Cell #2 Monitor	Date Reported:	08-28-07
Laboratory Number:	42853	Date Sampled:	08-15-07
Chain of Custody:	3280	Date Received:	08-23-07
Sample Matrix:	Soil	Date Analyzed:	08-28-07
Preservative:	Cool	Date Extracted:	08-27-07
Condition:	Cool & Moist	Analysis Reported:	87%*

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	2.0	0.9
Toluene	11.7	1.0
Ethylbenzene	2.7	1.0
p,m-Xylene	7.2	1.2
o-Xylene	3.3	0.9
Total BTEX	26.9	

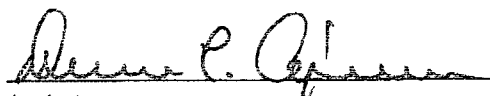
ND - Parameter not detected at the stated detection limit.

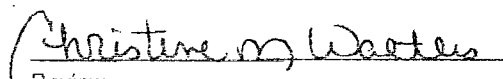
Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	99.0 %
	1,4-difluorobenzene	99.0 %
	Bromochlorobenzene	99.0 %

Reference: Manual 8060B, Pulp and Paper Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Manual 8061B, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: Level Farm


Analyst


Review

ENVIROTECH LABS**PRACTICAL SOLUTIONS FOR A BETTER TOMORROW****EPA METHOD 8021**
AROMATIC VOLATILE ORGANICS

Client: T-N-T Environmental
 Sample ID: Cell #3 Monitor
 Laboratory Number: 10854
 Chain of Custody: 3280
 Sample Matrix: Soil
 Preparer/Reviewer: [Signature]
 Conditions: Cool & Moist

Project #: 07171-001
 Date Reported: 08-28-07
 Date Sampled: 08-15-07
 Date Received: 08-23-07
 Date Analyzed: 08-28-07
 Date Extracted: 08-27-07
 Analysis Requested: BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	1.7	0.9
Toluene	9.5	1.0
Ethylbenzene	3.4	1.0
p,m-Xylene	17.9	1.2
o-Xylene	4.7	0.9
Total BTEX	37.2	

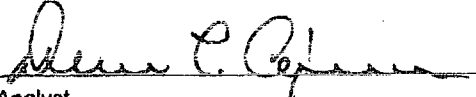
ND = Parameter not detected at or below detection limit

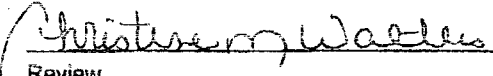
Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	97.0 %
	1,4-difluorobenzene	97.0 %
	Bromochlorobenzene	97.0 %

References: Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Method 8021B, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996

Comments: Land Farm


 Analyst


 Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021

AROMATIC VOLATILE ORGANICS

Client:	T-N-T Environmental	Project #:	07171-001
Sample ID:	Cell #4 Monitor	Date Reported:	08-28-07
Lab Sample Number:	40000	Date Sampled:	08-15-07
Chain of Custody:	3280	Date Received:	08-23-07
Sample Matrix:	Soil	Date Analyzed:	08-28-07
Method:	SW-846	Date of Analysis:	08-27-07
Location:	Cell #4 Monitor	Analysis Completed:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	2.0	0.9
Toluene	10.0	1.0
Ethylbenzene	1.4	1.0
p,m-Xylene	2.4	1.2
o-Xylene	1.2	0.9
Total BTEX	17.0	

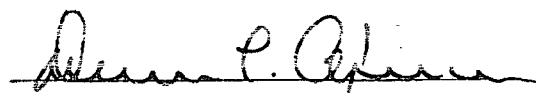
ND = Not Detected or concentration is less than the detection limit.

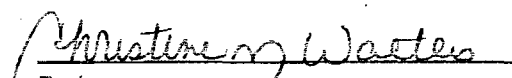
Surrogate Recoveries:	Parameter	Percent Recovery
	1,4-difluorobenzene	98.0 %

References: Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Method 8021B, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: Land Farm


Analyst


Review

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Practical Solutions for a Better Tomorrow

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	T-N-T Environmental	Project #:	07171-001
Sample ID:	Cell #5 Monitor	Date Reported:	08-28-07
Inventory Number:	40000	Date Sampled:	08-28-07
Chain of Custody:	3280	Date Received:	08-28-07
Sample Matrix:	Soil	Date Analyzed:	08-28-07
Preservative:	Coal	Date Submitted:	08-28-07
Condition:	Cool & intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	1.6	0.9
Toluene	9.2	1.0
Ethylbenzene	ND	1.0
p,m-Xylene	1.6	1.2
o-Xylene	ND	0.9
Total BTEX	12.4	

ND = Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	1,4-difluorobenzene	99.0 %
	Bromochlorobenzene	99.0 %

References: Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Method 8021B, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: Land Farm


Analyst


Review

ENVIROTECH LABS

PRAGMATIC SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	T-N-T Environmental	Project #:	07171-001
Sample ID:	Cell #6 Monitor	Date Reported:	08-28-07
Laboratory Number:	42257	Date Received:	08-28-07
Chain of Custody:	3280	Date Analyzed:	08-28-07
Sample Matrix:	Soil	Date Reported:	08-28-07
Preservative:	Cool	Analyte Reported:	ETEX
Condition:	Cool & Intact		

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	1.7	0.9
Toluene	3.5	1.0
Ethylbenzene	ND	1.0
p,m-Xylene	1.4	1.2
o-Xylene	ND	0.9
Total BTEX	11.6	

ND = Not Detected

Surrogate Recoveries:	Parameter	Percent Recovery
	1,4-difluorobenzene	97.0 %

References: Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Method 8021B, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: Land Farm

Analyst

Review

ENVIROTECH LABS**PRACTICAL SOLUTIONS FOR A BETTER TOMORROW****EPA METHOD 8021
AROMATIC VOLATILE ORGANICS**

Client:	N/A	Project #:	N/A
Sample ID:	00-20-BTEX QA/QC	Date Reported:	08-28-07
Laboratory Number:	42852	Date Sampled:	N/A
Sample Matrix:	Sludge	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	08-28-07
Concentration:	N/A	Analysis:	DCEA

Calibration and	0.0000	0.0000	0.0000	0.0000	0.0000
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Benzene	1.2341E+008	1.2365E+008	0.2%	ND	0.1
Toluene	1.0131E+008	1.0151E+008	0.2%	ND	0.1
Ethylbenzene	7.0205E+007	7.0362E+007	0.2%	ND	0.1
p,m-Xylene	1.4529E+008	1.4558E+008	0.2%	ND	0.1
o-Xylene	6.9795E+007	6.9936E+007	0.2%	ND	0.1

Benzene	1.0	1.0	0.0%	0 - 30%	0.0
Toluene	11.8	11.7	0.8%	0 - 30%	1.0
Ethylbenzene	23.0	22.9	0.4%	0 - 30%	1.0
p,m-Xylene	107	100	0.3%	0 - 30%	1.2
o-Xylene	35.0	34.8	0.3%	0 - 30%	0.9

Benzene	1.0	50.0	50.0	99.8%	39 - 150
Toluene	11.8	50.0	61.7	99.8%	46 - 148
Ethylbenzene	23.0	50.0	64.0	99.8%	32 - 100
p,m-Xylene	107	100	206	99.7%	46 - 148
o-Xylene	35.0	50.0	84.8	99.8%	46 - 148

ND - Parameter not detected at the stated detection limit.

References: Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1998.
Method 8021B, Aromatic and Halogenated Volatiles by Gas Chromatography Using Photoionization and/or Electrolytic Conductivity Detectors, SW-846, USEPA December 1998.

Comments: QA/QC for Samples 42852 - 42857, 42873, 42878, 42884 - 42885

Deanna P. Green
Analyst

Christine M. Wastes
Review

T-n-T Environmental, Inc.

Phone # (505) 774-6504

Fax # (505) 774-9116

Fax Cover Letter

Date 9-5-07

No. of Pages Sent: 2

Sent By: Craig Schmitz

Attn: Brad Jones

Fax: 505- 476- 3462

Notes:

Thank you !

CHAIN OF CUSTODY RECORD

5030

Client:		Project Name / Location:		ANALYSIS / PARAMETERS										Date		Time											
Client Address:		Sampler Name:		Client No.:		TPH (Method 8015)		BTEX (Method 8021)		VOC (Method 8260)		RCRA 8 Metals		Cation / Anion		RCI		TCLP with H/P		PAH		TPH (418.1)		Sample Cool		Sample Intact	
Sample No./ Identification	Sample Date	Sample Time	Lab No.	Sample Matrix	No. Volume of Containers	Preservative																					
1	1/15	1300		Soil	1																						
2	1/15	1300		Soil	1																						
3	1/15	1300		Soil	1																						
4	1/15	1300		Soil	1																						
5	1/15	1300		Soil	1																						
6	1/15	1300		Soil	1																						
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		Received by: (Signature)		Date	
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		Received by: (Signature)		Date	
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		Received by: (Signature)		Date	

ENVIROTECH INC.

5796 U.S. Highway 64 • Farmington, New Mexico 87401 • (505) 632-0615

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

NM 1 - 0008

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JUN 06 2007

Oil Conservation Division
Attn: Ed Martin
1220 South Saint Francis
Santa Fe, NM 87505

Oil Conservation Division
1220 S. St. Francis
Santa Fe, NM 87505

OCD Annual and Quarterly Report

Due Date 5/31/07

Date Sent 6/4/07

☒ 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 6, ___,
___, ___, ___, ___ 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

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Date: 22-May-07

CLIENT: TNT
Project: Quarterly
Lab Order: 0705007

CASE NARRATIVE

Samples were analyzed using the methods outlined in one or more of the following references:

Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW846, 3rd Edition.

Methods for Chemical Analysis of Water and Wastes, EPA-600/4-79-020, March 1983.

Standard Methods for the Examination of Water and Wastewater, 18th Edition, 1992.

Methods for the Determination of Metals in Environmental Samples, Supplement I, EPA-600/R-94/111,
May 1994.

Any quality control and/or data qualifiers associated with this laboratory order will be flagged in the analytical result page(s), the quality control summary report(s) or the sample receipt checklist.

Anion duplicate outside %RPD. Re-prep and re-analysis on 5/11/07 confirmed inhomogeneous sample. Chloride showed extreme differences in matrix.

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ANALYTICAL REPORT

Date: 22-May-07

CLIENT: TNT
Work Order: 0705007
Project: Quarterly
Lab ID: 0705007-001A

Client Sample Info: Quarterly
Client Sample ID: Cell #1 Quarterly
Collection Date: 05/04/2007 11:00:00 AM
Matrix: SOIL

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL RANGE ORGANICS		SW8015B		(SW8015B)		Analyst: elc
T/R Hydrocarbons: C10-C28	ND	25.0		mg/Kg	1	05/15/2007
Surr: o-Terphenyl	81.9	35-128		%REC	1	05/15/2007
GASOLINE RANGE ORGANICS		SW8015B		(SW5035A)		Analyst: elc
T/R Hydrocarbons: C6-C10	0.81	2.50	J	mg/Kg	25	05/09/2007
Surr: Trifluorotoluene	94.9	55-135		%REC	25	05/09/2007
AROMATIC VOLATILES BY GC/PID		SW8021B		(SW5035A)		Analyst: elc
Benzene	ND	25.0		µg/Kg	25	05/08/2007
Ethylbenzene	ND	25.0		µg/Kg	25	05/08/2007
m,p-Xylene	ND	50.1		µg/Kg	25	05/08/2007
Methyl tert-Butyl Ether	ND	50.1		µg/Kg	25	05/08/2007
o-Xylene	ND	25.0		µg/Kg	25	05/08/2007
Toluene	12	25.0	J	µg/Kg	25	05/08/2007
Surr: 1,4-Difluorobenzene	93.8	75-120		%REC	25	05/08/2007
Surr: 4-Bromochlorobenzene	123	50-140		%REC	25	05/08/2007
Surr: Fluorobenzene	82.1	70-120		%REC	25	05/08/2007

Qualifiers: ND - Not Detected at the Practical Quantitation Limit S - Spike Recovery outside accepted recovery limits
J - Analyte detected below Practical Quantitation Limit R - RPD outside accepted precision limits
B - Analyte detected in the associated Method Blank E - Value above Upper Quantitation Limit - UQL
* - Value exceeds Maximum Contaminant Level

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MAINTAINING HARMONY BETWEEN MAN AND HIS ENVIRONMENT

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ANALYTICAL REPORT

Date: 22-May-07

CLIENT:	TNT	Client Sample Info:	Quarterly
Work Order:	0705007	Client Sample ID:	Cell #2 Quarterly
Project:	Quarterly	Collection Date:	05/04/2007 11:00:00 AM
Lab ID:	0705007-002A	Matrix:	SOIL

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL RANGE ORGANICS		SW8015B		(SW8015B)		Analyst: elc
T/R Hydrocarbons: C10-C28	ND	25.0		mg/Kg	1	05/15/2007
Surr: o-Terphenyl	90.5	35-128		%REC	1	05/15/2007
GASOLINE RANGE ORGANICS		SW8015B		(SW5035A)		Analyst: elc
T/R Hydrocarbons: C6-C10	1.1	2.50	J	mg/Kg	25	05/09/2007
Surr: Trifluorotoluene	94.9	55-135		%REC	25	05/09/2007
AROMATIC VOLATILES BY GC/PID		SW8021B		(SW5035A)		Analyst: elc
Benzene	ND	25.0		µg/Kg	25	05/08/2007
Ethylbenzene	ND	25.0		µg/Kg	25	05/08/2007
m,p-Xylene	ND	50.1		µg/Kg	25	05/08/2007
Methyl tert-Butyl Ether	ND	50.1		µg/Kg	25	05/08/2007
o-Xylene	ND	25.0		µg/Kg	25	05/08/2007
Toluene	13	25.0	J	µg/Kg	25	05/08/2007
Surr: 1,4-Difluorobenzene	95.4	75-120		%REC	25	05/08/2007
Surr: 4-Bromochlorobenzene	124	50-140		%REC	25	05/08/2007
Surr: Fluorobenzene	81.9	70-120		%REC	25	05/08/2007

Qualifiers: ND - Not Detected at the Practical Quantitation Limit
J - Analyte detected below Practical Quantitation Limit
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted precision limits
E - Value above Upper Quantitation Limit - UQL

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ANALYTICAL REPORT

Date: 22-May-07

CLIENT: TNT
Work Order: 0705007
Project: Quarterly
Lab ID: 0705007-003A

Client Sample Info: Quarterly
Client Sample ID: Cell #3 Quarterly
Collection Date: 05/04/2007 11:00:00 AM
Matrix: SOIL

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL RANGE ORGANICS		SW8015B		(SW8015B)		Analyst: elc
T/R Hydrocarbons: C10-C28	ND	25.0		mg/Kg	1	05/15/2007
Surr: o-Terphenyl	77.3	35-128		%REC	1	05/15/2007
GASOLINE RANGE ORGANICS		SW8015B		(SW5035A)		Analyst: elc
T/R Hydrocarbons: C6-C10	1.3	2.50	J	mg/Kg	25	05/09/2007
Surr: Trifluorotoluene	77.9	55-135		%REC	25	05/09/2007
AROMATIC VOLATILES BY GC/PID		SW8021B		(SW5035A)		Analyst: elc
Benzene	ND	25.0		µg/Kg	25	05/08/2007
Ethylbenzene	ND	25.0		µg/Kg	25	05/08/2007
m,p-Xylene	ND	50.0		µg/Kg	25	05/08/2007
Methyl tert-Butyl Ether	ND	50.0		µg/Kg	25	05/08/2007
o-Xylene	ND	25.0		µg/Kg	25	05/08/2007
Toluene	12	25.0	J	µg/Kg	25	05/08/2007
Surr: 1,4-Difluorobenzene	93.8	75-120		%REC	25	05/08/2007
Surr: 4-Bromochlorobenzene	124	50-140		%REC	25	05/08/2007
Surr: Fluorobenzene	82.0	70-120		%REC	25	05/08/2007

Qualifiers: ND - Not Detected at the Practical Quantitation Limit S - Spike Recovery outside accepted recovery limits
J - Analyte detected below Practical Quantitation Limit R - RPD outside accepted precision limits
B - Analyte detected in the associated Method Blank E - Value above Upper Quantitation Limit - UQL
* - Value exceeds Maximum Contaminant Level

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ANALYTICAL REPORT

Date: 22-May-07

CLIENT: TNT
Work Order: 0705007
Project: Quarterly
Lab ID: 0705007-004A

Client Sample Info: Quarterly
Client Sample ID: Cell #4 Quarterly
Collection Date: 05/04/2007 11:00:00 AM
Matrix: SOIL

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL RANGE ORGANICS		SW8015B		(SW8015B)		Analyst: elc
T/R Hydrocarbons: C10-C28	ND	25.0		mg/Kg	1	05/15/2007
Surr: o-Terphenyl	79.7	35-128		%REC	1	05/15/2007
GASOLINE RANGE ORGANICS		SW8015B		(SW5035A)		Analyst: elc
T/R Hydrocarbons: C6-C10	1.5	2.51	J	mg/Kg	25	05/09/2007
Surr: Trifluorotoluene	94.5	55-135		%REC	25	05/09/2007
AROMATIC VOLATILES BY GC/PID		SW8021B		(SW5035A)		Analyst: elc
Benzene	ND	25.1		µg/Kg	25	05/08/2007
Ethylbenzene	ND	25.1		µg/Kg	25	05/08/2007
m,p-Xylene	ND	50.1		µg/Kg	25	05/08/2007
Methyl tert-Butyl Ether	ND	50.1		µg/Kg	25	05/08/2007
o-Xylene	ND	25.1		µg/Kg	25	05/08/2007
Toluene	13	25.1	J	µg/Kg	25	05/08/2007
Surr: 1,4-Difluorobenzene	94.9	75-120		%REC	25	05/08/2007
Surr: 4-Bromochlorobenzene	127	50-140		%REC	25	05/08/2007
Surr: Fluorobenzene	82.0	70-120		%REC	25	05/08/2007

Qualifiers: ND - Not Detected at the Practical Quantitation Limit
J - Analyte detected below Practical Quantitation Limit
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted precision limits
E - Value above Upper Quantitation Limit - UQL

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ANALYTICAL REPORT

Date: 22-May-07

CLIENT: TNT
Work Order: 0705007
Project: Quarterly
Lab ID: 0705007-005A

Client Sample Info: Quarterly
Client Sample ID: Cell #5 Quarterly
Collection Date: 05/04/2007 11:00:00 AM
Matrix: SOIL

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL RANGE ORGANICS		SW8015B		(SW8015B)		Analyst: elc
T/R Hydrocarbons: C10-C28	ND	25.0		mg/Kg	1	05/15/2007
Surr: o-Terphenyl	82.8	35-128		%REC	1	05/15/2007
GASOLINE RANGE ORGANICS		SW8015B		(SW5035A)		Analyst: elc
T/R Hydrocarbons: C6-C10	0.50	2.50	J	mg/Kg	25	05/09/2007
Surr: Trifluorotoluene	94.6	55-135		%REC	25	05/09/2007
AROMATIC VOLATILES BY GC/PID		SW8021B		(SW5035A)		Analyst: elc
Benzene	ND	25.0		µg/Kg	25	05/08/2007
Ethylbenzene	ND	25.0		µg/Kg	25	05/08/2007
m,p-Xylene	ND	50.0		µg/Kg	25	05/08/2007
Methyl tert-Butyl Ether	ND	50.0		µg/Kg	25	05/08/2007
o-Xylene	ND	25.0		µg/Kg	25	05/08/2007
Toluene	13	25.0	J	µg/Kg	25	05/08/2007
Surr: 1,4-Difluorobenzene	94.0	75-120		%REC	25	05/08/2007
Surr: 4-Bromochlorobenzene	125	50-140		%REC	25	05/08/2007
Surr: Fluorobenzene	82.1	70-120		%REC	25	05/08/2007

Qualifiers: ND - Not Detected at the Practical Quantitation Limit S - Spike Recovery outside accepted recovery limits
J - Analyte detected below Practical Quantitation Limit R - RPD outside accepted precision limits
B - Analyte detected in the associated Method Blank E - Value above Upper Quantitation Limit - UQL
* - Value exceeds Maximum Contaminant Level

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MAINTAINING HARMONY BETWEEN MAN AND HIS ENVIRONMENT

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ANALYTICAL REPORT

Date: 22-May-07

CLIENT: TNT
Work Order: 0705007
Project: Quarterly
Lab ID: 0705007-006A

Client Sample Info: Quarterly
Client Sample ID: Cell #6 Background
Collection Date: 05/04/2007 11:00:00 AM
Matrix: SOIL

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL RANGE ORGANICS						
		SW8015B		(SW8015B)		Analyst: elc
T/R Hydrocarbons: C10-C28	ND	25.0		mg/Kg	1	05/15/2007
Surr: o-Terphenyl	85.3	35-128		%REC	1	05/15/2007
GASOLINE RANGE ORGANICS						
		SW8015B		(SW5035A)		Analyst: elc
T/R Hydrocarbons: C6-C10	0.36	2.50	J	mg/Kg	25	05/09/2007
Surr: Trifluorotoluene	94.5	55-135		%REC	25	05/09/2007
AROMATIC VOLATILES BY GC/PID						
		SW8021B		(SW5035A)		Analyst: elc
Benzene	ND	25.0		µg/Kg	25	05/08/2007
Ethylbenzene	ND	25.0		µg/Kg	25	05/08/2007
m,p-Xylene	ND	50.0		µg/Kg	25	05/08/2007
Methyl tert-Butyl Ether	ND	50.0		µg/Kg	25	05/08/2007
o-Xylene	ND	25.0		µg/Kg	25	05/08/2007
Toluene	13	25.0	J	µg/Kg	25	05/08/2007
Surr: 1,4-Difluorobenzene	94.8	75-120		%REC	25	05/08/2007
Surr: 4-Bromochlorobenzene	124	50-140		%REC	25	05/08/2007
Surr: Fluorobenzene	81.6	70-120		%REC	25	05/08/2007
ICP METALS, TOTAL						
		SW6010B		(SW3050B)		Analyst: jem
Calcium	6530	1240		mg/Kg	100	05/21/2007 7:24:35 PM
Iron	13300	89.6		mg/Kg	100	05/21/2007 7:24:35 PM
Magnesium	3230	378		mg/Kg	100	05/21/2007 7:24:35 PM
Potassium	1080	26.9		mg/Kg	1	05/21/2007 6:19:14 PM
Sodium	142	8.61		mg/Kg	1	05/21/2007 6:19:14 PM
ANIONS BY ION CHROMATOGRAPHY						
		E300		(E300)		Analyst: elc
Chloride	419	20.2		ppm	20	05/10/2007
Fluoride	3.26	0.100		ppm	1	05/10/2007
Sulfate	18.5	1.01		ppm	1	05/10/2007

Qualifiers: ND - Not Detected at the Practical Quantitation Limit
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R - RPD outside accepted precision limits
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MAINTAINING HARMONY BETWEEN MAN AND HIS ENVIRONMENT

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Sample Receipt Checklist

Client Name: **TNT1001**

Date and Time Received:

5/4/2007 1:00:00 PM

Work Order Number: **0705007**

Received by: **elc**

Checklist completed by:

Elaine Schmitz 5/4/07
Signature Date

Reviewed by:

JSW 5/7/07
Initials Date

Matrix:

Carrier name: Tony Schmitz

Shipping container/cooler in good condition?	Yes ☐	No ☐	Not Present ☒
Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	Not Present ☒
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☒
Chain of custody present?	Yes ☒	No ☐	
Chain of custody signed when relinquished and received?	Yes ☒	No ☐	
Chain of custody agrees with sample labels?	Yes ☒	No ☐	
Samples in proper container/bottle?	Yes ☒	No ☐	
Sample containers intact?	Yes ☒	No ☐	
Sufficient sample volume for indicated test?	Yes ☒	No ☐	
All samples received within holding time?	Yes ☒	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☐	No ☒	
Water - VOA vials have zero headspace?	No VOA vials submitted ☒	Yes ☐	No ☐
Water - pH acceptable upon receipt?	Yes ☐	No ☒	

Adjusted? _____ Checked by: _____

Any No and/or NA (not applicable) response must be detailed in the comments section below.

Client contacted: _____ Date contacted: _____ Person contacted: _____

Contacted by: _____ Regarding: _____

Comments: Samples were not received on ice.

Corrective Action: _____