

NM1 - 8

MONITORING REPORTS

YEAR(S):

2008

NM-8

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

RECEIVED

2009 JAN 23 PM 1 04

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

OCD Annual and Quarterly Report

Due Date 11-30-08

Date Sent 12-19-09

☒ 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 ___, 1,
2, 3, 4, 5, 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



2609 North River Road • Port Allen, Louisiana 70767

133 State Road 4, Los Alamos/White Rock, NM 87544-Phone 505-672-2770

2709D Panamerican Freeway, Albuquerque, NM 87107-Phone 505-344-3777

ARS International I.D. ARS1-08-02602

January 5, 2009

T-N-T Environmental
70 CR 405
Lindreth, NM 87029

Project Name/Number: LANDFARM

Attention: Thomas Obiedo

On 12/04/08, ARS International received a request to analyze **non-aqueous** samples. The samples were analyzed with EPA methodology or equivalent methods. The results of these analyses and the quality control data, which follow each set of analyses, are enclosed.

If you have any questions or comments, please do not hesitate to contact us at (505) 344-3777.

A handwritten signature in dark ink, appearing to read "Elvin J. Chavez". The signature is stylized with a large, looped initial "E" and a circular flourish at the end.

Elvin J. Chavez
Vice President
ARS International

Enclosure



2609 North River Road • Port Allen, Louisiana 70767

133 State Road 4, Los Alamos/White Rock, NM 87544-Phone 505-672-2770

2709D Panamerican Freeway, Albuquerque, NM 87107-Phone 505-344-3777

CLIENT : T-N-T ENVIRONMENTAL DATE RECEIVED : 12/04/08
PROJECT # : (NONE)
PROJECT NAME : LANDFARM REPORT DATE : 01/05/09

ARS ID: ARS1-08-02602

LAB ID:	ARS International ID #	CLIENT DESCRIPTION	MATRIX	DATE COLLECTED
08120224-001A	ARS1-08-02602-001	CELL #1 MONITORING ZONE	NON-AQ	12/04/08
08120224-002A	ARS1-08-02602-002	CELL #2 MONITORING ZONE	NON-AQ	12/04/08
08120224-003A	ARS1-08-02602-003	CELL #3 MONITORING ZONE	NON-AQ	12/04/08
08120224-004A	ARS1-08-02602-004	CELL #4 MONITORING ZONE	NON-AQ	12/04/08
08120224-005A	ARS1-08-02602-005	CELL #5 MONITORING ZONE	NON-AQ	12/04/08
08120224-006A	ARS1-08-02602-006	CELL #6 MONITORING ZONE	NON-AQ	12/04/08
08120224-007A	ARS1-08-02602-007	CELL #7 BACKGROUND	NON-AQ	12/04/08
08120224-008A	ARS1-08-02602-008	CELL #8 BACKGROUND	NON-AQ	12/04/08
08120224-009A	ARS1-08-02602-009	CELL #9 BACKGROUND	NON-AQ	12/04/08
08120224-010A	ARS1-08-02602-010	CELL #10 BACKGROUND	NON-AQ	12/04/08

---TOTALS---

MATRIX
NON-AQ

#SAMPLES
10



T-N-T ENVIRONMENTAL
70 CR 405
LINDRETH, 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

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: **LANDFARM**
Order: **08120224 ARS01** Receipt: **12-08-08**

Sample: **CELL #1 MONITORING ZONE**

Collected: 12-04-08 8:15:00 By: TO

Matrix:

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08120224-001A		SW846 3050B/6010B ICP					By: TKT			
M081239	MT.2008.1730.58	7440-38-2	Arsenic	ND	mg/kg	100	0.25		12-15-08	12-15-08
M081239	MT.2008.1730.58	7440-39-3	Barium	136	mg/kg	100	0.15		12-15-08	12-15-08
M081239	MT.2008.1751.23	7440-43-9	Cadmium	ND	mg/kg	10	0.25		12-15-08	12-15-08
M081239	MT.2008.1730.58	7440-70-2	Calcium	9240	mg/kg	100	25		12-15-08	12-15-08
M081239	MT.2008.1730.57	7440-47-3	Chromium	19.1	mg/kg	10	0.1		12-15-08	12-15-08
M081239	MT.2008.1730.57	7439-92-1	Lead	5.46	mg/kg	10	0.25		12-15-08	12-15-08
M081239	MT.2008.1730.58	7439-95-4	Magnesium	6620	mg/kg	100	25		12-15-08	12-15-08
M081239	MT.2008.1730.57	7440-09-7	Potassium	2470	mg/kg	10	25		12-15-08	12-15-08
M081239	MT.2008.1730.57	7782-49-2	Selenium	ND	mg/kg	10	0.5		12-15-08	12-15-08
M081239	MT.2008.1730.57	7440-22-4	Silver	ND	mg/kg	10	0.25		12-15-08	12-15-08
M081239	MT.2008.1730.57	7440-23-5	Sodium	ND	mg/kg	10	25		12-15-08	12-15-08
08120224-001A		SW846 5035B/8260C Purgeable VOCs by GC/MS					By: JGH			
V08403	XG.2008.1421.4	71-43-2	Benzene	ND	mg/Kg	1	0.005	12	12-09-08	12-09-08
V08403	XG.2008.1421.4	100-41-4	Ethylbenzene	ND	mg/Kg	1	0.005	12	12-09-08	12-09-08
V08403	XG.2008.1421.4	95-47-6	o-Xylene	ND	mg/Kg	1	0.005	12	12-09-08	12-09-08
V08403	XG.2008.1421.4	108-38-3/106-42	p/m-Xylenes	ND	mg/Kg	1	0.01	12	12-09-08	12-09-08
V08403	XG.2008.1421.4	108-88-3	Toluene	ND	mg/Kg	1	0.005	12	12-09-08	12-09-08
08120224-001A		SW846 7471B CVAA					By: ELS			
M081266	MT.2008.1755.13	7439-97-6	Mercury	ND	ug/Kg	1	20		12-22-08	12-22-08
08120224-001A		SW846 8015B Diesel Range Organics by GC/FID					By: 3JP/MR			
S08643	XG.2008.1439.5		Diesel Range Organics	ND	mg/Kg	1	50		12-09-08	12-15-08

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: **LANDFARM**

Order: **08120224 ARS01** Receipt: **12-08-08**

Sample: **CELL #1 MONITORING ZONE**

Collected: 12-04-08 8:15:00 By: TO

Matrix:

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08120224-001A		SW846 9056 Anions by Ion Chromatography						By: SRM		
W081155	WC.2008.3332.9	16887-00-6	Chloride	18.6	mg/Kg	10	0.5	3	12-19-08	12-20-08
W081155	WC.2008.3332.9	16984-48-8	Fluoride	ND	mg/Kg	10	0.5	3	12-19-08	12-20-08
W081155	WC.2008.3332.9	14797-65-0	Nitrate, as N	ND	mg/Kg	10	0.5	3	12-19-08	12-20-08
W081155	WC.2008.3332.9	14265-44-2	Orthophosphate, as P	ND	mg/Kg	10	0.5	3	12-19-08	12-20-08
W081155	WC.2008.3332.9	14808-79-8	Sulfate	6.13	mg/Kg	10	0.5		12-19-08	12-20-08

Sample: **CELL #2 MONITORING ZONE**

Collected: 12-04-08 8:41:00 By: TO

Matrix:

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08120224-002A		SW846 3050B/6010B ICP						By: TKT		
M081239	MT.2008.1730.63	7440-38-2	Arsenic	ND	mg/kg	100	0.25		12-15-08	12-15-08
M081239	MT.2008.1730.63	7440-39-3	Barium	136	mg/kg	100	0.15		12-15-08	12-15-08
M081239	MT.2008.1751.24	7440-43-9	Cadmium	ND	mg/kg	10	0.25		12-15-08	12-18-08
M081239	MT.2008.1730.63	7440-70-2	Calcium	9120	mg/kg	100	25		12-15-08	12-15-08
M081239	MT.2008.1730.62	7440-47-3	Chromium	18.5	mg/kg	10	0.1		12-15-08	12-15-08
M081239	MT.2008.1730.62	7439-92-1	Lead	6.16	mg/kg	10	0.25		12-15-08	12-15-08
M081239	MT.2008.1730.63	7439-95-4	Magnesium	6680	mg/kg	100	25		12-15-08	12-15-08
M081239	MT.2008.1730.62	7440-09-7	Potassium	2530	mg/kg	10	25		12-15-08	12-15-08
M081239	MT.2008.1730.62	7782-49-2	Selenium	ND	mg/kg	10	0.5		12-15-08	12-15-08
M081239	MT.2008.1730.62	7440-22-4	Silver	ND	mg/kg	10	0.25		12-15-08	12-15-08
M081239	MT.2008.1730.62	7440-23-5	Sodium	ND	mg/kg	10	25		12-15-08	12-15-08

08120224-002A		SW846 5035B/8260C Purgeable VOCs by GC/MS						By: JGH		
V08403	XG.2008.1421.5	71-43-2	Benzene	ND	mg/Kg	1	0.005	12	12-09-08	12-09-08
V08403	XG.2008.1421.5	100-41-4	Ethylbenzene	ND	mg/Kg	1	0.005	12	12-09-08	12-09-08
V08403	XG.2008.1421.5	95-47-6	o-Xylene	ND	mg/Kg	1	0.005	12	12-09-08	12-09-08
V08403	XG.2008.1421.5	108-38-3/106-42	p/m-Xylenes	ND	mg/Kg	1	0.01	12	12-09-08	12-09-08
V08403	XG.2008.1421.5	108-88-3	Toluene	ND	mg/Kg	1	0.005	12	12-09-08	12-09-08

08120224-002A		SW846 7471B CVAA						By: ELS		
M081266	MT.2008.1756.26	7439-97-8	Mercury	21.7	ug/Kg	1	20		12-22-08	12-22-08

08120224-002A		SW846 8015B Diesel Range Organics by GC/FID						By: 3JP/MR		
S08643	XG.2008.1439.8		Diesel Range Organics	ND	mg/Kg	1	50		12-09-08	12-15-08

08120224-002A		SW846 9056 Anions by Ion Chromatography						By: SRM		
W081155	WC.2008.3332.11	16887-00-6	Chloride	8.54	mg/Kg	10	0.5		12-19-08	12-20-08
W081155	WC.2008.3332.11	16984-48-8	Fluoride	ND	mg/Kg	10	0.5		12-19-08	12-20-08
W081155	WC.2008.3332.11	14797-65-0	Nitrate, as N	ND	mg/Kg	10	0.5		12-19-08	12-20-08
W081155	WC.2008.3332.11	14265-44-2	Orthophosphate, as P	ND	mg/Kg	10	0.5		12-19-08	12-20-08
W081155	WC.2008.3332.11	14808-79-8	Sulfate	ND	mg/Kg	10	0.5		12-19-08	12-20-08

Certificate of Analysis

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Client: **T-N-T ENVIRONMENTAL**

Project: **LANDFARM**

Order: **08120224 ARS01**

Receipt: **12-08-08**

Sample: **CELL #3 MONITORING ZONE**

Collected: **12-04-08 9:10:00** By: **TO**

Matrix:

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08120224-003A		SW846 3050B/6010B ICP						By: TKT		
M081239	MT.2008.1730.65	7440-38-2	Arsenic	ND	mg/kg	100	0.25		12-15-08	12-15-08
M081239	MT.2008.1730.65	7440-39-3	Barium	136	mg/kg	100	0.15		12-15-08	12-15-08
M081239	MT.2008.1751.25	7440-43-9	Cadmium	ND	mg/kg	10	0.25		12-15-08	12-18-08
M081239	MT.2008.1730.65	7440-70-2	Calcium	8390	mg/kg	100	25		12-15-08	12-15-08
M081239	MT.2008.1730.64	7440-47-3	Chromium	18.2	mg/kg	10	0.1		12-15-08	12-15-08
M081239	MT.2008.1730.64	7439-92-1	Lead	6.15	mg/kg	10	0.25		12-15-08	12-15-08
M081239	MT.2008.1730.65	7439-95-4	Magnesium	6020	mg/kg	100	25		12-15-08	12-15-08
M081239	MT.2008.1730.64	7440-09-7	Potassium	2410	mg/kg	10	25		12-15-08	12-15-08
M081239	MT.2008.1730.64	7782-49-2	Selenium	ND	mg/kg	10	0.5		12-15-08	12-15-08
M081239	MT.2008.1730.64	7440-22-4	Silver	ND	mg/kg	10	0.25		12-15-08	12-15-08
M081239	MT.2008.1730.64	7440-23-5	Sodium	ND	mg/kg	10	25		12-15-08	12-15-08

08120224-003A		SW846 5035B/8260C Purgeable VOCs by GC/MS						By: JGH		
V08403	XG.2008.1421.6	71-43-2	Benzene	ND	mg/Kg	1	0.005	12	12-09-08	12-09-08
V08403	XG.2008.1421.6	100-41-4	Ethylbenzene	ND	mg/Kg	1	0.005	12	12-09-08	12-09-08
V08403	XG.2008.1421.6	95-47-6	o-Xylene	ND	mg/Kg	1	0.005	12	12-09-08	12-09-08
V08403	XG.2008.1421.6	108-38-3/106-42	p/m-Xylenes	ND	mg/Kg	1	0.01	12	12-09-08	12-09-08
V08403	XG.2008.1421.6	108-88-3	Toluene	ND	mg/Kg	1	0.005	12	12-09-08	12-09-08

08120224-003A		SW846 7471B CVAA						By: ELS		
M081266	MT.2008.1756.27	7439-97-6	Mercury	ND	ug/Kg	1	20		12-22-08	12-22-08

08120224-003A		SW846 8015B Diesel Range Organics by GC/FID						By: 3JP/MR		
S08643	XG.2008.1439.9		Diesel Range Organics	ND	mg/Kg	1	50		12-09-08	12-15-08

08120224-003A		SW846 9056 Anions by Ion Chromatography						By: SRM		
W081155	WC.2008.3332.15	16887-00-6	Chloride	ND	mg/Kg	10	0.5		12-19-08	12-20-08
W081155	WC.2008.3332.15	16984-48-8	Fluoride	ND	mg/Kg	10	0.5		12-19-08	12-20-08
W081155	WC.2008.3332.15	14797-65-0	Nitrate, as N	ND	mg/Kg	10	0.5		12-19-08	12-20-08
W081155	WC.2008.3332.15	14265-44-2	Orthophosphate, as P	ND	mg/Kg	10	0.5		12-19-08	12-20-08
W081155	WC.2008.3332.15	14808-79-8	Sulfate	ND	mg/Kg	10	0.5		12-19-08	12-20-08

Sample: **CELL #4 MONITORING ZONE**

Collected: **12-04-08 9:28:00** By: **TO**

Matrix:

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08120224-004A		SW846 3050B/6010B ICP						By: TKT		
M081239	MT.2008.1730.67	7440-38-2	Arsenic	ND	mg/kg	100	0.25		12-15-08	12-15-08
M081239	MT.2008.1730.67	7440-39-3	Barium	135	mg/kg	100	0.15		12-15-08	12-15-08
M081239	MT.2008.1751.26	7440-43-9	Cadmium	ND	mg/kg	10	0.25		12-15-08	12-18-08
M081239	MT.2008.1730.67	7440-70-2	Calcium	5190	mg/kg	100	25		12-15-08	12-15-08
M081239	MT.2008.1730.66	7440-47-3	Chromium	17.9	mg/kg	10	0.1		12-15-08	12-15-08
M081239	MT.2008.1730.66	7439-92-1	Lead	4.40	mg/kg	10	0.25		12-15-08	12-15-08

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: **LANDFARM**

Order: **08120224 ARS01** Receipt: **12-08-08**

Sample: **CELL #4 MONITORING ZONE**

Collected: **12-04-08 9:28:00** By: **TO**

Matrix:

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08120224-004A		SW846 3050B/6010B ICP		By: TKT						
M081239	MT.2008.1730.66	7439-95-4	Magnesium	4240	mg/kg	10	25		12-15-08	12-15-08
M081239	MT.2008.1730.66	7440-09-7	Potassium	2790	mg/kg	10	25		12-15-08	12-15-08
M081239	MT.2008.1730.66	7782-49-2	Selenium	ND	mg/kg	10	0.5		12-15-08	12-15-08
M081239	MT.2008.1730.66	7440-22-4	Silver	ND	mg/kg	10	0.25		12-15-08	12-15-08
M081239	MT.2008.1730.66	7440-23-5	Sodium	512	mg/kg	10	25		12-15-08	12-15-08
08120224-004A		SW846 5035B/8260C Purgeable VOCs by GC/MS		By: JGH						
V08403	XG.2008.1421.7	71-43-2	Benzene	ND	mg/Kg	1	0.005	12	12-09-08	12-09-08
V08403	XG.2008.1421.7	100-41-4	Ethylbenzene	ND	mg/Kg	1	0.005	12	12-09-08	12-09-08
V08403	XG.2008.1421.7	95-47-6	o-Xylene	ND	mg/Kg	1	0.005	12	12-09-08	12-09-08
V08403	XG.2008.1421.7	108-38-3/106-42	p/m-Xylenes	ND	mg/Kg	1	0.01	12	12-09-08	12-09-08
V08403	XG.2008.1421.7	108-88-3	Toluene	ND	mg/Kg	1	0.005	12	12-09-08	12-09-08
08120224-004A		SW846 7471B CVAA		By: ELS						
M081266	MT.2008.1756.28	7439-97-8	Mercury	ND	ug/Kg	1	20		12-22-08	12-22-08
08120224-004A		SW846 8015B Diesel Range Organics by GC/FID		By: 3JP/MR						
S08643	XG.2008.1439.10		Diesel Range Organics	ND	mg/Kg	1	50		12-09-08	12-15-08
08120224-004A		SW846 9056 Anions by Ion Chromatography		By: SRM						
W081155	WC.2008.3332.17	16887-00-6	Chloride	389	mg/Kg	10	0.5		12-19-08	12-20-08
W081155	WC.2008.3332.17	16984-48-8	Fluoride	ND	mg/Kg	10	0.5		12-19-08	12-20-08
W081155	WC.2008.3332.17	14797-65-0	Nitrate, as N	21.4	mg/Kg	10	0.5		12-19-08	12-20-08
W081155	WC.2008.3332.17	14265-44-2	Orthophosphate, as P	ND	mg/Kg	10	0.5		12-19-08	12-20-08
W081155	WC.2008.3332.17	14808-79-8	Sulfate	388	mg/Kg	10	0.5		12-19-08	12-20-08

Sample: **CELL #5 MONITORING ZONE**

Collected: **12-04-08 9:45:00** By: **TO**

Matrix:

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08120224-005A		SW846 3050B/6010B ICP		By: TKT						
M081239	MT.2008.1730.69	7440-38-2	Arsenic	ND	mg/kg	100	0.25		12-15-08	12-15-08
M081239	MT.2008.1730.69	7440-39-3	Barium	132	mg/kg	100	0.15		12-15-08	12-15-08
M081239	MT.2008.1751.27	7440-43-9	Cadmium	ND	mg/kg	10	0.25		12-15-08	12-18-08
M081239	MT.2008.1730.69	7440-70-2	Calcium	7750	mg/kg	100	25		12-15-08	12-15-08
M081239	MT.2008.1730.68	7440-47-3	Chromium	19.1	mg/kg	10	0.1		12-15-08	12-15-08
M081239	MT.2008.1730.68	7439-92-1	Lead	6.01	mg/kg	10	0.25		12-15-08	12-15-08
M081239	MT.2008.1730.69	7439-95-4	Magnesium	5880	mg/kg	100	25		12-15-08	12-15-08
M081239	MT.2008.1730.68	7440-09-7	Potassium	2510	mg/kg	10	25		12-15-08	12-15-08
M081239	MT.2008.1730.68	7782-49-2	Selenium	ND	mg/kg	10	0.5		12-15-08	12-15-08
M081239	MT.2008.1730.68	7440-22-4	Silver	ND	mg/kg	10	0.25		12-15-08	12-15-08
M081239	MT.2008.1730.68	7440-23-5	Sodium	ND	mg/kg	10	25		12-15-08	12-15-08

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: **LANDFARM**

Order: **08120224 ARS01**

Receipt: **12-08-08**

Sample: **CELL #5 MONITORING ZONE**

Collected: 12-04-08 9:45:00 By: TO

Matrix:

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08120224-005A		SW846 5035B/8260C Purgeable VOCs by GC/MS							By: JGH	
V08403	XG.2008.1421.8	71-43-2	Benzene	ND	mg/Kg	1	0.005	12	12-09-08	12-09-08
V08403	XG.2008.1421.8	100-41-4	Ethylbenzene	ND	mg/Kg	1	0.005	12	12-09-08	12-09-08
V08403	XG.2008.1421.8	95-47-6	o-Xylene	ND	mg/Kg	1	0.005	12	12-09-08	12-09-08
V08403	XG.2008.1421.8	108-38-3/106-42	p/m-Xylenes	ND	mg/Kg	1	0.01	12	12-09-08	12-09-08
V08403	XG.2008.1421.8	108-88-3	Toluene	ND	mg/Kg	1	0.005	12	12-09-08	12-09-08
08120224-005A		SW846 7471B CVAA							By: ELS	
M081266	MT.2008.1756.29	7439-97-6	Mercury	ND	ug/Kg	1	20		12-22-08	12-22-08
08120224-005A		SW846 8015B Diesel Range Organics by GC/FID							By: 3JP/MR	
S08643	XG.2008.1439.11		Diesel Range Organics	ND	mg/Kg	1	50		12-09-08	12-15-08
08120224-005A		SW846 9056 Anions by Ion Chromatography							By: SRM	
W081155	WC.2008.3332.19	16887-00-6	Chloride	ND	mg/Kg	10	0.5		12-19-08	12-20-08
W081155	WC.2008.3332.19	16984-48-8	Fluoride	ND	mg/Kg	10	0.5		12-19-08	12-20-08
W081155	WC.2008.3332.19	14797-65-0	Nitrate, as N	6.37	mg/Kg	10	0.5		12-19-08	12-20-08
W081155	WC.2008.3332.19	14265-44-2	Orthophosphate, as P	ND	mg/Kg	10	0.5		12-19-08	12-20-08
W081155	WC.2008.3332.19	14808-79-8	Sulfate	13.2	mg/Kg	10	0.5		12-19-08	12-20-08

Sample: **CELL #6 MONITORING ZONE**

Collected: 12-04-08 10:05:00 By: TO

Matrix:

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08120224-006A		SW846 3050B/6010B ICP							By: TKT	
M081239	MT.2008.1730.71	7440-38-2	Arsenic	ND	mg/kg	100	0.25		12-15-08	12-15-08
M081239	MT.2008.1730.71	7440-39-3	Barium	129	mg/kg	100	0.15		12-15-08	12-15-08
M081239	MT.2008.1751.28	7440-43-9	Cadmium	ND	mg/kg	10	0.25		12-15-08	12-18-08
M081239	MT.2008.1730.71	7440-70-2	Calcium	7380	mg/kg	100	25		12-15-08	12-15-08
M081239	MT.2008.1730.70	7440-47-3	Chromium	18.0	mg/kg	10	0.1		12-15-08	12-15-08
M081239	MT.2008.1730.70	7439-92-1	Lead	5.67	mg/kg	10	0.25		12-15-08	12-15-08
M081239	MT.2008.1730.71	7439-95-4	Magnesium	5650	mg/kg	100	25		12-15-08	12-15-08
M081239	MT.2008.1730.70	7440-09-7	Potassium	2900	mg/kg	10	25		12-15-08	12-15-08
M081239	MT.2008.1730.70	7782-49-2	Selenium	ND	mg/kg	10	0.5		12-15-08	12-15-08
M081239	MT.2008.1730.70	7440-22-4	Silver	ND	mg/kg	10	0.25		12-15-08	12-15-08
M081239	MT.2008.1730.70	7440-23-5	Sodium	ND	mg/kg	10	25		12-15-08	12-15-08
08120224-006A		SW846 5035B/8260C Purgeable VOCs by GC/MS							By: JGH	
V08403	XG.2008.1421.9	71-43-2	Benzene	ND	mg/Kg	1	0.005	12	12-09-08	12-09-08
V08403	XG.2008.1421.9	100-41-4	Ethylbenzene	ND	mg/Kg	1	0.005	12	12-09-08	12-09-08
V08403	XG.2008.1421.9	95-47-6	o-Xylene	ND	mg/Kg	1	0.005	12	12-09-08	12-09-08
V08403	XG.2008.1421.9	108-38-3/106-42	p/m-Xylenes	ND	mg/Kg	1	0.01	12	12-09-08	12-09-08
V08403	XG.2008.1421.9	108-88-3	Toluene	ND	mg/Kg	1	0.005	12	12-09-08	12-09-08

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: **LANDFARM**

Order: **08120224 ARS01** Receipt: **12-08-08**

Sample: **CELL #6 MONITORING ZONE**

Collected: 12-04-08 10:05:00 By: TO

Matrix:

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08120224-006A		SW846 7471B CVAA		By: ELS						
M081266	MT.2008.1756.30	7439-97-6	Mercury	ND	ug/Kg	1	20		12-22-08	12-22-08
08120224-006A		SW846 8015B Diesel Range Organics by GC/FID		By: 3JP/MR						
S08043	XG.2008.1439.12		Diesel Range Organics	ND	mg/Kg	1	50		12-09-08	12-15-08
08120224-006A		SW846 9056 Anions by Ion Chromatography		By: SRM						
W081155	WC.2008.3332.21	16887-00-6	Chloride	ND	mg/Kg	10	0.5		12-19-08	12-20-08
W081155	WC.2008.3332.21	16084-48-8	Fluoride	ND	mg/Kg	10	0.5		12-19-08	12-20-08
W081155	WC.2008.3332.21	14797-65-0	Nitrate, as N	8.70	mg/Kg	10	0.5		12-19-08	12-20-08
W081155	WC.2008.3332.21	14265-44-2	Orthophosphate, as P	ND	mg/Kg	10	0.5		12-19-08	12-20-08
W081155	WC.2008.3332.21	14808-79-8	Sulfate	7.14	mg/Kg	10	0.5		12-19-08	12-20-08

Sample: **CELL #7 BACKGROUND**

Collected: 12-04-08 10:30:00 By: TO

Matrix:

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08120224-007A		SW846 3050B/6010B ICP		By: TKT						
M081239	MT.2008.1730.76	7440-38-2	Arsenic	ND	mg/kg	100	0.25		12-15-08	12-15-08
M081239	MT.2008.1730.76	7440-39-3	Barium	150	mg/kg	100	0.15		12-15-08	12-15-08
M081239	MT.2008.1751.29	7440-43-9	Cadmium	ND	mg/kg	10	0.25		12-15-08	12-18-08
M081239	MT.2008.1730.76	7440-70-2	Calcium	4980	mg/kg	100	25		12-15-08	12-15-08
M081239	MT.2008.1730.75	7440-47-3	Chromium	18.1	mg/kg	10	0.1		12-15-08	12-15-08
M081239	MT.2008.1730.75	7439-92-1	Lead	4.30	mg/kg	10	0.25		12-15-08	12-15-08
M081239	MT.2008.1751.29	7439-95-4	Magnesium	4600	mg/kg	10	25		12-15-08	12-18-08
M081239	MT.2008.1751.29	7440-09-7	Potassium	2920	mg/kg	10	25		12-15-08	12-18-08
M081239	MT.2008.1730.75	7782-49-2	Selenium	ND	mg/kg	10	0.5		12-15-08	12-15-08
M081239	MT.2008.1730.75	7440-22-4	Silver	ND	mg/kg	10	0.25		12-15-08	12-15-08
M081239	MT.2008.1730.75	7440-23-5	Sodium	377	mg/kg	10	25		12-15-08	12-15-08
08120224-007A		SW846 5035B/8260C Purgeable VOCs by GC/MS		By: JGH						
V08403	XG.2008.1421.10	71-43-2	Benzene	ND	mg/Kg	1	0.005	12	12-09-08	12-09-08
V08403	XG.2008.1421.10	100-41-4	Ethylbenzene	ND	mg/Kg	1	0.005	12	12-09-08	12-09-08
V08403	XG.2008.1421.10	95-47-6	o-Xylene	ND	mg/Kg	1	0.005	12	12-09-08	12-09-08
V08403	XG.2008.1421.10	108-38-3/106-42	p/m-Xylenes	ND	mg/Kg	1	0.01	12	12-09-08	12-09-08
V08403	XG.2008.1421.10	108-88-3	Toluene	ND	mg/Kg	1	0.005	12	12-09-08	12-09-08
08120224-007A		SW846 7471B CVAA		By: ELS						
M081266	MT.2008.1756.33	7439-97-6	Mercury	ND	ug/Kg	1	20		12-22-08	12-22-08
08120224-007A		SW846 8015B Diesel Range Organics by GC/FID		By: 3JP/MR						
S05643	XG.2008.1439.14		Diesel Range Organics	ND	mg/Kg	1	50		12-09-08	12-15-08
08120224-007A		SW846 9056 Anions by Ion Chromatography		By: SRM						
W081155	WC.2008.3332.23	16887-00-6	Chloride	12.8	mg/Kg	10	0.5		12-19-08	12-20-08

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: **LANDFARM**

Order: **08120224 ARS01** Receipt: **12-08-08**

Sample: **CELL #7 BACKGROUND**

Collected: 12-04-08 10:30:00 By: TO

Matrix:

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08120224-007A		SW846 9056 Anions by Ion Chromatography						By: SRM		
W081155	WC.2008.3332.23	16984-48-8	Fluoride	5.94	mg/Kg	10	0.5		12-19-08	12-20-08
W081155	WC.2008.3332.23	14797-65-0	Nitrate, as N	7.92	mg/Kg	10	0.5		12-19-08	12-20-08
W081155	WC.2008.3332.23	14265-44-2	Orthophosphate, as P	ND	mg/Kg	10	0.5		12-19-08	12-20-08
W081155	WC.2008.3332.23	14808-79-8	Sulfate	26.7	mg/Kg	10	0.5		12-19-08	12-20-08

Sample: **CELL #8 BACKGROUND**

Collected: 12-04-08 10:46:00 By: TO

Matrix:

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08120224-008A		SW846 3050B/6010B ICP						By: TKT		
M081239	MT.2008.1730.78	7440-38-2	Arsenic	ND	mg/kg	100	0.25		12-15-08	12-15-08
M081239	MT.2008.1730.78	7440-39-3	Barium	144	mg/kg	100	0.15		12-15-08	12-15-08
M081239	MT.2008.1751.30	7440-43-9	Cadmium	ND	mg/kg	10	0.25		12-15-08	12-18-08
M081239	MT.2008.1730.78	7440-70-2	Calcium	6310	mg/kg	100	25		12-15-08	12-15-08
M081239	MT.2008.1730.77	7440-47-3	Chromium	17.4	mg/kg	10	0.1		12-15-08	12-15-08
M081239	MT.2008.1730.77	7439-92-1	Lead	4.13	mg/kg	10	0.25		12-15-08	12-15-08
M081239	MT.2008.1751.30	7439-95-4	Magnesium	4520	mg/kg	10	25		12-15-08	12-18-08
M081239	MT.2008.1751.30	7440-09-7	Potassium	2600	mg/kg	10	25		12-15-08	12-18-08
M081239	MT.2008.1730.77	7782-49-2	Selenium	ND	mg/kg	10	0.5		12-15-08	12-15-08
M081239	MT.2008.1730.77	7440-22-4	Silver	ND	mg/kg	10	0.25		12-15-08	12-15-08
M081239	MT.2008.1730.77	7440-23-5	Sodium	342	mg/kg	10	25		12-15-08	12-15-08

08120224-008A		SW846 5035B/8260C Purgeable VOCs by GC/MS						By: JGH		
V08403	XG.2008.1421.11	71-43-2	Benzene	ND	mg/Kg	1	0.005	12	12-09-08	12-09-08
V08403	XG.2008.1421.11	100-41-4	Ethylbenzene	ND	mg/Kg	1	0.005	12	12-09-08	12-09-08
V08403	XG.2008.1421.11	95-47-6	o-Xylene	ND	mg/Kg	1	0.005	12	12-09-08	12-09-08
V08403	XG.2008.1421.11	108-38-3/106-42	p/m-Xylenes	ND	mg/Kg	1	0.01	12	12-09-08	12-09-08
V08403	XG.2008.1421.11	108-86-3	Toluene	ND	mg/Kg	1	0.005	12	12-09-08	12-09-08

08120224-008A		SW846 7471B CVAA						By: ELS		
M081266	MT.2008.1756.34	7430-07-6	Mercury	21.3	ug/Kg	1	20		12-22-08	12-22-08

08120224-008A		SW846 8015B Diesel Range Organics by GC/FID						By: 3JP/MR		
S08643	XG.2008.1439.15		Diesel Range Organics	ND	mg/Kg	1	50		12-09-08	12-15-08

08120224-008A		SW846 9056 Anions by Ion Chromatography						By: SRM		
W081177	WC.2008.3407.28	16887-00-6	Chloride	8.75	mg/Kg	10	0.5		12-29-08	12-30-08
W081177	WC.2008.3407.28	16984-48-8	Fluoride	4.91	mg/Kg	10	0.5		12-29-08	12-30-08
W081177	WC.2008.3407.28	14797-65-0	Nitrate, as N	ND	mg/Kg	10	0.5		12-29-08	12-30-08
W081177	WC.2008.3407.28	14265-44-2	Orthophosphate, as P	ND	mg/Kg	10	0.5		12-29-08	12-30-08
W081177	WC.2008.3407.28	14808-79-8	Sulfate	45.0	mg/Kg	10	0.5		12-29-08	12-30-08

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: **LANDFARM**

Order: **08120224 ARS01**

Receipt: **12-08-08**

Sample: **CELL #9 BACKGROUND**

Collected: **12-04-08 10:59:00** By: **TO**

Matrix:

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08120224-009A		SW846 3050B/6010B ICP						By: TKT		
M081239	MT. 2008. 1730.80	7440-38-2	Arsenic	ND	mg/kg	100	0.25		12-15-08	12-15-08
M081239	MT. 2008. 1730.80	7440-39-3	Barium	136	mg/kg	100	0.15		12-15-08	12-15-08
M081239	MT. 2008. 1751.31	7440-43-9	Cadmium	ND	mg/kg	10	0.25		12-15-08	12-18-08
M081239	MT. 2008. 1730.80	7440-70-2	Calcium	8220	mg/kg	100	25		12-15-08	12-15-08
M081239	MT. 2008. 1730.79	7440-47-3	Chromium	18.2	mg/kg	10	0.1		12-15-08	12-15-08
M081239	MT. 2008. 1730.79	7439-92-1	Lead	5.52	mg/kg	10	0.25		12-15-08	12-15-08
M081239	MT. 2008. 1751.32	7439-95-4	Magnesium	5520	mg/kg	20	25		12-15-08	12-18-08
M081239	MT. 2008. 1751.31	7440-09-7	Potassium	2660	mg/kg	10	25		12-15-08	12-18-08
M081239	MT. 2008. 1730.79	7782-49-2	Selenium	ND	mg/kg	10	0.5		12-15-08	12-15-08
M081239	MT. 2008. 1730.79	7440-22-4	Silver	ND	mg/kg	10	0.25		12-15-08	12-15-08
M081239	MT. 2008. 1730.79	7440-23-5	Sodium	ND	mg/kg	10	25		12-15-08	12-15-08

08120224-009A		SW846 5035B/8260C Purgeable VOCs by GC/MS						By: JGH		
V08403	XG. 2008. 1421.12	71-43-2	Benzene	ND	mg/Kg	1	0.005	12	12-09-08	12-09-08
V08403	XG. 2008. 1421.12	100-41-4	Ethylbenzene	ND	mg/Kg	1	0.005	12	12-09-08	12-09-08
V08403	XG. 2008. 1421.12	95-47-6	o-Xylene	ND	mg/Kg	1	0.005	12	12-09-08	12-09-08
V08403	XG. 2008. 1421.12	108-38-3/106-42	p/m-Xylenes	ND	mg/Kg	1	0.01	12	12-09-08	12-09-08
V08403	XG. 2008. 1421.12	108-88-3	Toluene	ND	mg/Kg	1	0.005	12	12-09-08	12-09-08

08120224-009A		SW846 7471B CVAA						By: ELS		
M081266	MT. 2008. 1756.35	7439-97-6	Mercury	20.4	ug/Kg	1	20		12-22-08	12-22-08

08120224-009A		SW846 8015B Diesel Range Organics by GC/FID						By: 3JP/MR		
S08643	XG. 2008. 1439.16		Diesel Range Organics	ND	mg/Kg	1	50		12-09-08	12-15-08

08120224-009A		SW846 9056 Anions by Ion Chromatography						By: SRM		
W081177	WC. 2008. 3407.29	16887-00-6	Chloride	ND	mg/Kg	10	0.5		12-29-08	12-30-08
W081177	WC. 2008. 3407.29	16984-48-8	Fluoride	ND	mg/Kg	10	0.5		12-29-08	12-30-08
W081177	WC. 2008. 3407.29	14797-65-0	Nitrate, as N	6.55	mg/Kg	10	0.5		12-29-08	12-30-08
W081177	WC. 2008. 3407.29	14265-44-2	Orthophosphate, as P	ND	mg/Kg	10	0.5		12-29-08	12-30-08
W081177	WC. 2008. 3407.29	14808-79-8	Sulfate	18.4	mg/Kg	10	0.5		12-29-08	12-30-08

Sample: **CELL #10 BACKGROUND**

Collected: **12-04-08 11:17:00** By: **TO**

Matrix:

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08120224-010A		SW846 3050B/6010B ICP						By: TKT		
M081239	MT. 2008. 1730.82	7440-38-2	Arsenic	ND	mg/kg	100	0.25		12-15-08	12-15-08
M081239	MT. 2008. 1730.82	7440-39-3	Barium	134	mg/kg	100	0.15		12-15-08	12-15-08
M081239	MT. 2008. 1751.36	7440-43-9	Cadmium	ND	mg/kg	10	0.25		12-15-08	12-18-08
M081239	MT. 2008. 1730.82	7440-70-2	Calcium	7900	mg/kg	100	25		12-15-08	12-15-08
M081239	MT. 2008. 1730.81	7440-47-3	Chromium	17.9	mg/kg	10	0.1		12-15-08	12-15-08
M081239	MT. 2008. 1730.81	7439-92-1	Lead	4.70	mg/kg	10	0.25		12-15-08	12-15-08

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: **LANDFARM**

Order: **08120224 ARS01** Receipt: **12-08-08**

Sample: **CELL #10 BACKGROUND**

Collected: 12-04-08 11:17:00 By: TO

Matrix:

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08120224-010A		SW846 3050B/6010B ICP							By: TKT	
M081239	MT.2008.1751.37	7439-95-4	Magnesium	5420	mg/kg	20	25		12-15-08	12-18-08
M081239	MT.2008.1751.36	7440-09-7	Potassium	2770	mg/kg	10	25		12-15-08	12-18-08
M081239	MT.2008.1730.81	7782-49-2	Selenium	ND	mg/kg	10	0.5		12-15-08	12-15-08
M081239	MT.2008.1730.81	7440-22-4	Silver	ND	mg/kg	10	0.25		12-15-08	12-15-08
M081239	MT.2008.1730.81	7440-23-5	Sodium	ND	mg/kg	10	25		12-15-08	12-15-08
08120224-010A		SW846 5035B/8260C Purgeable VOCs by GC/MS							By: JGH	
V08403	XG.2008.1421.13	71-43-2	Benzene	ND	mg/Kg	1	0.005	12	12-09-08	12-09-08
V08403	XG.2008.1421.13	100-41-4	Ethylbenzene	ND	mg/Kg	1	0.005	12	12-09-08	12-09-08
V08403	XG.2008.1421.13	95-47-6	o-Xylene	ND	mg/Kg	1	0.005	12	12-09-08	12-09-08
V08403	XG.2008.1421.13	108-38-3/106-42	p/m-Xylenes	ND	mg/Kg	1	0.01	12	12-09-08	12-09-08
V08403	XG.2008.1421.13	108-88-3	Toluene	ND	mg/Kg	1	0.005	12	12-09-08	12-09-08
08120224-010A		SW846 7471B CVAA							By: ELS	
M081266	MT.2008.1756.22	7439-97-6	Mercury	20.7	ug/Kg	1	20		12-22-08	12-22-08
08120224-010A		SW846 8015B Diesel Range Organics by GC/FID							By: 3JP/MR	
S08643	XG.2008.1439.17		Diesel Range Organics	ND	mg/Kg	1	50		12-09-08	12-15-08
08120224-010A		SW846 9056 Anions by Ion Chromatography							By: SRM	
W081177	WC.2008.3407.30	16887-00-6	Chloride	ND	mg/Kg	10	0.5		12-29-08	12-30-08
W081177	WC.2008.3407.30	16984-48-8	Fluoride	ND	mg/Kg	10	0.5		12-29-08	12-30-08
W081177	WC.2008.3407.30	14797-65-0	Nitrate, as N	ND	mg/Kg	10	0.5		12-29-08	12-30-08
W081177	WC.2008.3407.30	14265-44-2	Orthophosphate, as P	ND	mg/Kg	10	0.5		12-29-08	12-30-08
W081177	WC.2008.3407.30	14808-79-8	Sulfate	11.8	mg/Kg	10	0.5		12-29-08	12-30-08

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.

- The LCS, LCSD, MS, and MSD recoveries and RPDs were outside of QA/QC criteria, high. Reported data was Non-detected for all affected compounds. Data is unaffected by high bias in QC data.
- Headspace present at time of sample preparation for analysis.
- Matrix spike and matrix spike duplicates recoveries were high, outside of QC acceptance criteria (90-110%) and should be taken into consideration when reviewing the reported results.

QC Surrogate Summary

Client: **T-N-T ENVIRONMENTAL**
 Project: **LANDFARM**
 Order: **08120224 ARS01**

Sample: **08120224-001A** Matrix: **SOLID**

Run Sequence	CAS #	Analyte	Result	Units	Range	Dilution Factor	Code	Run Date
V08403		SW846 5035B/8260C Purgeable VOCs by GC/MS				V08403-002		
XG.2008.1421.4	17060-07-0	1,2-Dichloroethane-D4	94.2	% Recovery	80 - 124	1		12-09-08
XG.2008.1421.4	460-00-4	4-Bromofluorobenzene	104.6	% Recovery	81 - 119	1		12-09-08
XG.2008.1421.4	1868-53-7	Dibromofluoromethane	110.2	% Recovery	84 - 122	1		12-09-08
XG.2008.1421.4	2037-26-5	Toluene-D8	113.2	% Recovery	88 - 116	1		12-09-08
S08643		SW846 8015B Diesel Range Organics by GC/FID				S08643-003		
XG.2008.1439.5	84-15-1	o-Terphenyl	102.9	% Recovery	77 - 120	1		12-15-08

Sample: **08120224-002A** Matrix: **SOLID**

Run Sequence	CAS #	Analyte	Result	Units	Range	Dilution Factor	Code	Run Date
V08403		SW846 5035B/8260C Purgeable VOCs by GC/MS				V08403-003		
XG.2008.1421.5	17060-07-0	1,2-Dichloroethane-D4	86.7	% Recovery	80 - 124	1		12-09-08
XG.2008.1421.5	460-00-4	4-Bromofluorobenzene	101.9	% Recovery	81 - 119	1		12-09-08
XG.2008.1421.5	1868-53-7	Dibromofluoromethane	107.8	% Recovery	84 - 122	1		12-09-08
XG.2008.1421.5	2037-26-5	Toluene-D8	115.1	% Recovery	88 - 116	1		12-09-08
S08643		SW846 8015B Diesel Range Organics by GC/FID				S08643-006		
XG.2008.1439.8	84-15-1	o-Terphenyl	106.2	% Recovery	77 - 120	1		12-15-08

Sample: **08120224-003A** Matrix: **SOLID**

Run Sequence	CAS #	Analyte	Result	Units	Range	Dilution Factor	Code	Run Date
V08403		SW846 5035B/8260C Purgeable VOCs by GC/MS				V08403-004		
XG.2008.1421.6	17060-07-0	1,2-Dichloroethane-D4	97.3	% Recovery	80 - 124	1		12-09-08
XG.2008.1421.6	460-00-4	4-Bromofluorobenzene	103.2	% Recovery	81 - 119	1		12-09-08
XG.2008.1421.6	1868-53-7	Dibromofluoromethane	111.9	% Recovery	84 - 122	1		12-09-08
XG.2008.1421.6	2037-26-5	Toluene-D8	112.9	% Recovery	88 - 116	1		12-09-08
S08643		SW846 8015B Diesel Range Organics by GC/FID				S08643-007		
XG.2008.1439.9	84-15-1	o-Terphenyl	103.7	% Recovery	77 - 120	1		12-15-08

Sample: **08120224-004A** Matrix: **SOLID**

Run Sequence	CAS #	Analyte	Result	Units	Range	Dilution Factor	Code	Run Date
V08403		SW846 5035B/8260C Purgeable VOCs by GC/MS				V08403-005		
XG.2008.1421.7	17060-07-0	1,2-Dichloroethane-D4	97.2	% Recovery	80 - 124	1		12-09-08
XG.2008.1421.7	460-00-4	4-Bromofluorobenzene	107.2	% Recovery	81 - 119	1		12-09-08
XG.2008.1421.7	1868-53-7	Dibromofluoromethane	112.3	% Recovery	84 - 122	1		12-09-08
XG.2008.1421.7	2037-26-5	Toluene-D8	110.6	% Recovery	88 - 116	1		12-09-08

QC Surrogate Summary

Client: **T-N-T ENVIRONMENTAL**
 Project: **LANDFARM**
 Order: **08120224 ARS01**

Sample: **08120224-004A** Matrix: **SOLID**

Run Sequence	CAS #	Analyte	Result	Units	Range	Dilution Factor	Code	Run Date
S08643		SW846 8015B Diesel Range Organics by GC/FID					S08643-008	
XG.2008.1439.10	84-15-1	o-Terphenyl	106.3	% Recovery	77 - 120	1		12-09-08

Sample: **08120224-005A** Matrix: **SOLID**

Run Sequence	CAS #	Analyte	Result	Units	Range	Dilution Factor	Code	Run Date
V08403		SW846 5035B/8260C Purgeable VOCs by GC/MS					V08403-006	
XG.2008.1421.8	17060-07-0	1,2-Dichloroethane-D4	102.8	% Recovery	80 - 124	1		12-09-08
XG.2008.1421.8	460-00-4	4-Bromofluorobenzene	104.5	% Recovery	81 - 119	1		12-09-08
XG.2008.1421.8	1868-53-7	Dibromofluoromethane	112.9	% Recovery	84 - 122	1		12-09-08
XG.2008.1421.8	2037-26-5	Toluene-D8	110.3	% Recovery	88 - 116	1		12-09-08

S08643		SW846 8015B Diesel Range Organics by GC/FID					S08643-009	
XG.2008.1439.11	84-15-1	o-Terphenyl	102.4	% Recovery	77 - 120	1		12-15-08

Sample: **08120224-006A** Matrix: **SOLID**

Run Sequence	CAS #	Analyte	Result	Units	Range	Dilution Factor	Code	Run Date
V08403		SW846 5035B/8260C Purgeable VOCs by GC/MS					V08403-007	
XG.2008.1421.9	17060-07-0	1,2-Dichloroethane-D4	98.0	% Recovery	80 - 124	1		12-09-08
XG.2008.1421.9	460-00-4	4-Bromofluorobenzene	101.7	% Recovery	81 - 119	1		12-09-08
XG.2008.1421.9	1868-53-7	Dibromofluoromethane	109.6	% Recovery	84 - 122	1		12-09-08
XG.2008.1421.9	2037-26-5	Toluene-D8	110.7	% Recovery	88 - 116	1		12-09-08

S08643		SW846 8015B Diesel Range Organics by GC/FID					S08643-010	
XG.2008.1439.12	84-15-1	o-Terphenyl	103.0	% Recovery	77 - 120	1		12-15-08

Sample: **08120224-007A** Matrix: **SOLID**

Run Sequence	CAS #	Analyte	Result	Units	Range	Dilution Factor	Code	Run Date
V08403		SW846 5035B/8260C Purgeable VOCs by GC/MS					V08403-008	
XG.2008.1421.10	17060-07-0	1,2-Dichloroethane-D4	101.1	% Recovery	80 - 124	1		12-09-08
XG.2008.1421.10	460-00-4	4-Bromofluorobenzene	109.3	% Recovery	81 - 119	1		12-09-08
XG.2008.1421.10	1868-53-7	Dibromofluoromethane	111.8	% Recovery	84 - 122	1		12-09-08
XG.2008.1421.10	2037-26-5	Toluene-D8	109.5	% Recovery	88 - 116	1		12-09-08

S08643		SW846 8015B Diesel Range Organics by GC/FID					S08643-011	
XG.2008.1439.14	84-15-1	o-Terphenyl	107.2	% Recovery	77 - 120	1		12-15-08

QC Surrogate Summary

Client: **T-N-T ENVIRONMENTAL**
 Project: **LANDFARM**
 Order: **08120224 ARS01**

Sample: **08120224-008A** Matrix: **SOLID**

Run Sequence	CAS #	Analyte	Result	Units	Range	Dilution Factor	Code	Run Date
V08403		SW846 5035B/8260C Purgeable VOCs by GC/MS					V08403-009	
XG.2008.1421.11	17060-07-0	1,2-Dichloroethane-D4	98.3	% Recovery	80 - 124	1		12-09-08
XG.2008.1421.11	460-00-4	4-Bromofluorobenzene	103.0	% Recovery	81 - 119	1		12-09-08
XG.2008.1421.11	1868-53-7	Dibromofluoromethane	107.0	% Recovery	84 - 122	1		12-09-08
XG.2008.1421.11	2037-26-5	Toluene-D8	109.1	% Recovery	88 - 116	1		12-09-08

S08643		SW846 8015B Diesel Range Organics by GC/FID					S08643-012	
XG.2008.1439.15	84-15-1	o-Terphenyl	107.1	% Recovery	77 - 120	1		12-15-08

Sample: **08120224-009A** Matrix: **SOLID**

Run Sequence	CAS #	Analyte	Result	Units	Range	Dilution Factor	Code	Run Date
V08403		SW846 5035B/8260C Purgeable VOCs by GC/MS					V08403-010	
XG.2008.1421.12	17060-07-0	1,2-Dichloroethane-D4	100.2	% Recovery	80 - 124	1		12-09-08
XG.2008.1421.12	460-00-4	4-Bromofluorobenzene	101.2	% Recovery	81 - 119	1		12-09-08
XG.2008.1421.12	1868-53-7	Dibromofluoromethane	109.4	% Recovery	84 - 122	1		12-09-08
XG.2008.1421.12	2037-26-5	Toluene-D8	111.9	% Recovery	88 - 116	1		12-09-08

S08643		SW846 8015B Diesel Range Organics by GC/FID					S08643-013	
XG.2008.1439.16	84-15-1	o-Terphenyl	106.8	% Recovery	77 - 120	1		12-15-08

Sample: **08120224-010A** Matrix: **SOLID**

Run Sequence	CAS #	Analyte	Result	Units	Range	Dilution Factor	Code	Run Date
V08403		SW846 5035B/8260C Purgeable VOCs by GC/MS					V08403-011	
XG.2008.1421.13	17060-07-0	1,2-Dichloroethane-D4	98.8	% Recovery	80 - 124	1		12-09-08
XG.2008.1421.13	460-00-4	4-Bromofluorobenzene	102.5	% Recovery	81 - 119	1		12-09-08
XG.2008.1421.13	1868-53-7	Dibromofluoromethane	106.9	% Recovery	84 - 122	1		12-09-08
XG.2008.1421.13	2037-26-5	Toluene-D8	112.0	% Recovery	88 - 116	1		12-09-08

S08643		SW846 8015B Diesel Range Organics by GC/FID					S08643-014	
XG.2008.1439.17	84-15-1	o-Terphenyl	107.4	% Recovery	77 - 120	1		12-15-08

Sample: **LCS** Matrix: **SOLID**

Run Sequence	CAS #	Analyte	Result	Units	Range	Dilution Factor	Code	Run Date
S08643		SW846 8015B Diesel Range Organics by GC/FID					S08643-002	
XG.2008.1439.4	84-15-1	o-Terphenyl	100.1	% Recovery	77 - 120	1		12-15-08

QC Surrogate Summary

Client: **T-N-T ENVIRONMENTAL**

Project: **LANDFARM**

Order: **08120224 ARS01**

Sample: **MB** Matrix: **SOLID**

Run Sequence	CAS #	Analyte	Result	Units	Range	Dilution Factor	Code	Run Date
V08403		SW846 5035B/8260C Purgeable VOCs by GC/MS					V08403-001	
XG.2008.1421.3	17060-07-0	1,2-Dichloroethane-D4	88.9	% Recovery	80 - 124	1		12-09-08
XG.2008.1421.3	460-00-4	4-Bromofluorobenzene	105.2	% Recovery	81 - 119	1		12-09-08
XG.2008.1421.3	1868-53-7	Dibromofluoromethane	108.8	% Recovery	84 - 122	1		12-09-08
XG.2008.1421.3	2037-26-5	Toluene-D8	115.7	% Recovery	88 - 116	1		12-09-08

S08643		SW846 8015B Diesel Range Organics by GC/FID					S08643-001	
XG.2008.1439.3	84-15-1	o-Terphenyl	105.0	% Recovery	77 - 120	1		12-15-08

Sample: **MS** Matrix: **SOLID**

Run Sequence	CAS #	Analyte	Result	Units	Range	Dilution Factor	Code	Run Date
S08643		SW846 8015B Diesel Range Organics by GC/FID					S08643-004	
XG.2008.1439.6	84-15-1	o-Terphenyl	102.3	% Recovery	77 - 120	1		12-15-08

Sample: **MSD** Matrix: **SOLID**

Run Sequence	CAS #	Analyte	Result	Units	Range	Dilution Factor	Code	Run Date
S08643		SW846 8015B Diesel Range Organics by GC/FID					S08643-005	
XG.2008.1439.7	84-15-1	o-Terphenyl	100.8	% Recovery	77 - 120	1		12-15-08

Quality Control Summary

Client: **T-N-T ENVIRONMENTAL**Project: **LANDFARM**Order: **08120224 ARS01**Test: **SW846 3050B/6010B ICP**Batch: **M081239**Matrix: **SOLID****MB: Method Blank**

Lab Sample ID: N/A

M081239-001

Run Sequence	CAS #	Analyte	Result	Units	Range	Dilution Factor	Detection Limit	Run Code	Run Date
MT.2008.1730.38	7440-38-2	Arsenic	ND	mg/kg		1	0.25		12-15-08
MT.2008.1730.38	7440-39-3	Barium	ND	mg/kg		1	0.15		12-15-08
MT.2008.1734.21	7440-43-9	Cadmium	ND	mg/kg		1	0.25		12-16-08
MT.2008.1730.38	7440-70-2	Calcium	ND	mg/kg		1	25		12-15-08
MT.2008.1730.38	7440-47-3	Chromium	ND	mg/kg		1	0.1		12-15-08
MT.2008.1730.38	7439-92-1	Lead	ND	mg/kg		1	0.25		12-15-08
MT.2008.1730.38	7439-95-4	Magnesium	ND	mg/kg		1	25		12-15-08
MT.2008.1730.38	7440-09-7	Potassium	ND	mg/kg		1	25		12-15-08
MT.2008.1730.38	7782-49-2	Selenium	ND	mg/kg		1	0.5		12-15-08
MT.2008.1730.38	7440-22-4	Silver	ND	mg/kg		1	0.25		12-15-08
MT.2008.1730.38	7440-23-5	Sodium	ND	mg/kg		1	25		12-15-08

LCS: Lab Control Spike

Lab Sample ID: N/A

M081239-002

Run Sequence	CAS #	Analyte	Result	Units	Range	Dilution Factor	Detection Limit	Run Code	Run Date
MT.2008.1730.40	7440-38-2	Arsenic	104.3	% Recovery	82.9 - 117.1	50	NA		12-15-08
MT.2008.1730.40	7440-39-3	Barium	95.5	% Recovery	80.5 - 119.5	50	NA		12-15-08
MT.2008.1734.23	7440-43-9	Cadmium	98.7	% Recovery	83.7 - 116.7	50	NA		12-16-08
MT.2008.1730.40	7440-70-2	Calcium	117.0	% Recovery	81.2 - 119	50	NA		12-15-08
MT.2008.1730.40	7440-47-3	Chromium	108.7	% Recovery	81.9 - 118.1	50	NA		12-15-08
MT.2008.1730.40	7439-92-1	Lead	93.6	% Recovery	80.9 - 119.9	50	NA		12-15-08
MT.2008.1730.39	7439-95-4	Magnesium	98.6	% Recovery	77.2 - 122.8	10	NA		12-15-08
MT.2008.1730.39	7440-09-7	Potassium	92.4	% Recovery	72.1 - 127.7	10	NA		12-15-08
MT.2008.1730.40	7782-49-2	Selenium	100.7	% Recovery	79.9 - 119.6	50	NA		12-15-08
MT.2008.1730.39	7440-22-4	Silver	96.4	% Recovery	66.2 - 133.7	10	NA		12-15-08
MT.2008.1730.39	7440-23-5	Sodium	96.9	% Recovery	70.2 - 130	10	NA		12-15-08

MS: Matrix Spike

Lab Sample ID: 08080443-01A

M081239-004

Run Sequence	CAS #	Analyte	Result	Units	Range	Dilution Factor	Detection Limit	Run Code	Run Date
MT.2008.1730.42	7440-38-2	Arsenic	196.0	% Recovery	80 - 120	10	NA		12-15-08
MT.2008.1730.42	7440-39-3	Barium	170.6	% Recovery	80 - 120	10	NA		12-15-08
MT.2008.1734.25	7440-43-9	Cadmium	93.0	% Recovery	80 - 120	10	NA		12-16-08

Quality Control Summary

Client: T-N-T ENVIRONMENTAL

Project: LANDFARM

Order: 08120224 ARS01

Test: SW846 3050B/6010B ICP

Batch: M081239

Matrix: SOLID

MS: Matrix Spike

Lab Sample ID: 08080443-01A

M081239-004

Run Sequence	CAS #	Analyte	Result	Units	Range	Dilution Factor	Detection Limit	Run Code	Run Date
MT.2008.1730.42	7440-70-2	Calcium	3756	% Recovery	80 - 120	10	NA		12-15-08
MT.2008.1730.42	7440-47-3	Chromium	121.8	% Recovery	80 - 120	10	NA		12-15-08
MT.2008.1730.42	7439-92-1	Lead	80.9	% Recovery	80 - 120	10	NA		12-15-08
MT.2008.1730.42	7439-95-4	Magnesium	1265	% Recovery	80 - 120	10	NA		12-15-08
MT.2008.1730.42	7440-09-7	Potassium	664.1	% Recovery	80 - 120	10	NA		12-15-08
MT.2008.1730.42	7782-49-2	Selenium	130.0	% Recovery	80 - 120	10	NA		12-15-08
MT.2008.1730.42	7440-22-4	Silver	98.5	% Recovery	80 - 120	10	NA		12-15-08
MT.2008.1730.42	7440-23-5	Sodium	199.5	% Recovery	80 - 120	10	NA		12-15-08

MSD: Matrix Spike Duplicate Precision

Lab Sample ID: 08080443-01A

M081239-005

Run Sequence	CAS #	Analyte	Result	Units	Range	Dilution Factor	Detection Limit	Run Code	Run Date
MT.2008.1730.43	7440-38-2	Arsenic	2.68	RPD	0 - 20	10	NA		12-15-08
MT.2008.1730.43	7440-39-3	Barium	1.20	RPD	0 - 20	10	NA		12-15-08
MT.2008.1734.26	7440-43-9	Cadmium	0.713	RPD	0 - 20	10	NA		12-16-08
MT.2008.1730.43	7440-70-2	Calcium	2.61	RPD	0 - 20	10	NA		12-15-08
MT.2008.1730.43	7440-47-3	Chromium	2.79	RPD	0 - 20	10	NA		12-15-08
MT.2008.1730.43	7439-92-1	Lead	3.73	RPD	0 - 20	10	NA		12-15-08
MT.2008.1730.43	7439-95-4	Magnesium	2.35	RPD	0 - 20	10	NA		12-15-08
MT.2008.1730.43	7440-09-7	Potassium	3.01	RPD	0 - 20	10	NA		12-15-08
MT.2008.1730.43	7782-49-2	Selenium	13.5	RPD	0 - 20	10	NA		12-15-08
MT.2008.1730.43	7440-22-4	Silver	0.033	RPD	0 - 20	10	NA		12-15-08
MT.2008.1730.43	7440-23-5	Sodium	2.99	RPD	0 - 20	10	NA		12-15-08

MSD: Matrix Spike Duplicate Accuracy

Lab Sample ID: 08080443-01A

M081239-005

Run Sequence	CAS #	Analyte	Result	Units	Range	Dilution Factor	Detection Limit	Run Code	Run Date
MT.2008.1730.43	7440-38-2	Arsenic	159.6	% Recovery	80 - 120	10	NA		12-15-08
MT.2008.1730.43	7440-39-3	Barium	218.3	% Recovery	80 - 120	10	NA		12-15-08
MT.2008.1734.26	7440-43-9	Cadmium	95.0	% Recovery	80 - 120	10	NA		12-16-08
MT.2008.1730.43	7440-70-2	Calcium	2193	% Recovery	80 - 120	10	NA		12-15-08
MT.2008.1730.43	7440-47-3	Chromium	161.4	% Recovery	80 - 120	10	NA		12-15-08
MT.2008.1730.43	7439-92-1	Lead	121.2	% Recovery	80 - 120	10	NA		12-15-08
MT.2008.1730.43	7439-95-4	Magnesium	858.9	% Recovery	80 - 120	10	NA		12-15-08
MT.2008.1730.43	7440-09-7	Potassium	489.9	% Recovery	80 - 120	10	NA		12-15-08
MT.2008.1730.43	7782-49-2	Selenium	92.5	% Recovery	80 - 120	10	NA		12-15-08
MT.2008.1730.43	7440-22-4	Silver	98.1	% Recovery	80 - 120	10	NA		12-15-08
MT.2008.1730.43	7440-23-5	Sodium	172.4	% Recovery	80 - 120	10	NA		12-15-08

Quality Control Summary

Client: **T-N-T ENVIRONMENTAL**
 Project: **LANDFARM**
 Order: **08120224 ARS01**

Test: **SW846 3050B/6010B ICP**
 Batch: **M081239**
 Matrix: **SOLID**

MD: Matrix Duplicate Lab Sample ID: 08080443-01A M081239-006

Run Sequence	CAS #	Analyte	Result	Units	Range	Dilution Factor	Detection Limit	Run Code	Run Date
MT.2008.1730.44	7440-38-2	Arsenic	1.93	RPD	0 - 20	10	NA		12-15-08
MT.2008.1730.44	7440-39-3	Barium	0.385	RPD	0 - 20	10	NA		12-15-08
MT.2008.1734.27	7440-43-9	Cadmium	7.50	RPD	0 - 20	10	NA		12-16-08
MT.2008.1730.44	7440-70-2	Calcium	0.508	RPD	0 - 20	10	NA		12-15-08
MT.2008.1730.44	7440-47-3	Chromium	0.879	RPD	0 - 20	10	NA		12-15-08
MT.2008.1730.44	7439-92-1	Lead	0.765	RPD	0 - 20	10	NA		12-15-08
MT.2008.1730.44	7439-95-4	Magnesium	0.632	RPD	0 - 20	10	NA		12-15-08
MT.2008.1730.44	7440-09-7	Potassium	1.33	RPD	0 - 20	10	NA		12-15-08
MT.2008.1730.44	7782-49-2	Selenium	5.76	RPD	0 - 20	10	NA		12-15-08
MT.2008.1730.44	7440-22-4	Silver	0.957	RPD	0 - 20	10	NA		12-15-08
MT.2008.1730.44	7440-23-5	Sodium	4.64	RPD	0 - 20	10	NA		12-15-08

SD: Serial Dilution Lab Sample ID: 08080443-01A M081239-007

Run Sequence	CAS #	Analyte	Result	Units	Range	Dilution Factor	Detection Limit	Run Code	Run Date
MT.2008.1730.45	7440-38-2	Arsenic	13.8	RPD	0 - 20	50	NA		12-15-08
MT.2008.1730.45	7440-39-3	Barium	8.94	RPD	0 - 20	50	NA		12-15-08
MT.2008.1734.28	7440-43-9	Cadmium	100	RPD	0 - 20	50	NA		12-16-08
MT.2008.1730.45	7440-70-2	Calcium	17.2	RPD	0 - 20	50	NA		12-15-08
MT.2008.1730.45	7440-47-3	Chromium	8.24	RPD	0 - 20	50	NA		12-15-08
MT.2008.1730.45	7439-92-1	Lead	9.84	RPD	0 - 20	50	NA		12-15-08
MT.2008.1730.45	7439-95-4	Magnesium	18.3	RPD	0 - 20	50	NA		12-15-08
MT.2008.1730.45	7440-09-7	Potassium	21.6	RPD	0 - 20	50	NA		12-15-08
MT.2008.1730.45	7782-49-2	Selenium	100	RPD	0 - 20	50	NA		12-15-08
MT.2008.1730.45	7440-22-4	Silver	9.68	RPD	0 - 20	50	NA		12-15-08
MT.2008.1730.45	7440-23-5	Sodium	100	RPD	0 - 20	50	NA		12-15-08

Test: **SW846 5035B/8260C Purgeable VOCs by GC/MS**
 Batch: **V08403**
 Matrix: **SOLID**

MB: Method Blank Lab Sample ID: N/A V08403-001

Run Sequence	CAS #	Analyte	Result	Units	Range	Dilution Factor	Detection Limit	Run Code	Run Date
XG.2008.1421.3	71-43-2	Benzene	ND	mg/Kg		1	0.005		12-09-08
XG.2008.1421.3	100-41-4	Ethylbenzene	ND	mg/Kg		1	0.005		12-09-08
XG.2008.1421.3	95-47-6	o-Xylene	ND	mg/Kg		1	0.005		12-09-08
XG.2008.1421.3	108-38-3/106-42	p/m-Xylenes	ND	mg/Kg		1	0.01		12-09-08

Quality Control Summary

Client: **T-N-T ENVIRONMENTAL**
 Project: **LANDFARM**
 Order: **08120224 ARS01**

Test: **SW846 5035B/8260C Purgeable VOCs by GC/MS**
 Batch: **V08403**
 Matrix: **SOLID**

MB: Method Blank Lab Sample ID: N/A V08403-001

Run Sequence	CAS #	Analyte	Result	Units	Range	Dilution Factor	Detection Limit	Code	Run Date
XG.2008.1421.3	108-88-3	Toluene	ND	mg/Kg		1	0.005		12-09-08

Test: **SW846 7471B CVAA**
 Batch: **M081266**
 Matrix: **SOLID**

MB: Method Blank Lab Sample ID: N/A M081266-001

Run Sequence	CAS #	Analyte	Result	Units	Range	Dilution Factor	Detection Limit	Code	Run Date
MT.2008.1755.11	7439-97-6	Mercury	ND	ug/Kg		1	20		12-22-08

LCS: Lab Control Spike Lab Sample ID: N/A M081266-002

Run Sequence	CAS #	Analyte	Result	Units	Range	Dilution Factor	Detection Limit	Code	Run Date
MT.2008.1755.12	7439-97-6	Mercury	96.2	% Recovery	80 - 120	1	NA		12-22-08

MS: Matrix Spike Lab Sample ID: 08120224-001A M081266-004

Run Sequence	CAS #	Analyte	Result	Units	Range	Dilution Factor	Detection Limit	Code	Run Date
MT.2008.1755.14	7439-97-6	Mercury	97.3	% Recovery	80 - 120	1	NA		12-22-08

MSD: Matrix Spike Duplicate Precision Lab Sample ID: 08120224-001A M081266-005

Run Sequence	CAS #	Analyte	Result	Units	Range	Dilution Factor	Detection Limit	Code	Run Date
MT.2008.1755.15	7439-97-6	Mercury	0.04	RPD	0 - 20	1	NA		12-22-08

MSD: Matrix Spike Duplicate Accuracy Lab Sample ID: 08120224-001A M081266-005

Run Sequence	CAS #	Analyte	Result	Units	Range	Dilution Factor	Detection Limit	Code	Run Date
MT.2008.1755.15	7439-97-6	Mercury	97.2	% Recovery	80 - 120	1	NA		12-22-08

Quality Control Summary

Client: **T-N-T ENVIRONMENTAL**Project: **LANDFARM**Order: **08120224 ARS01**Test: **SW846 7471B CVAA**Batch: **M081266**Matrix: **SOLID**

MD: Matrix Duplicate Lab Sample ID: 08120224-001A M081266-006

Run Sequence	CAS #	Analyte	Result	Units	Range	Dilution Factor	Detection Limit	Run Code	Run Date
MT.2008.1755.16	7439-97-6	Mercury	NA	RPD	0 - 20	1	NA		12-22-08

SD: Serial Dilution Lab Sample ID: 08120224-001A M081266-007

Run Sequence	CAS #	Analyte	Result	Units	Range	Dilution Factor	Detection Limit	Run Code	Run Date
MT.2008.1755.17	7439-97-6	Mercury	NA	RPD	0 - 20	5	NA		12-22-08

Test: **SW846 8015B Diesel Range Organics by GC/FID**Batch: **S08643**Matrix: **SOLID**

MB: Method Blank Lab Sample ID: N/A S08643-001

Run Sequence	CAS #	Analyte	Result	Units	Range	Dilution Factor	Detection Limit	Run Code	Run Date
XG.2008.1439.3		Diesel Range Organics	ND	mg/Kg		1	50		12-15-08

LCS: Lab Control Spike Lab Sample ID: N/A S08643-002

Run Sequence	CAS #	Analyte	Result	Units	Range	Dilution Factor	Detection Limit	Run Code	Run Date
XG.2008.1439.4		Diesel Range Organics	92.2	% Recovery	76.3 - 122.8	1	NA		12-15-08

MS: Matrix Spike Lab Sample ID: 08120224-001A S08643-004

Run Sequence	CAS #	Analyte	Result	Units	Range	Dilution Factor	Detection Limit	Run Code	Run Date
XG.2008.1439.6		Diesel Range Organics	93.2	% Recovery	76.3 - 122.8	1	NA		12-15-08

MSD: Matrix Spike Duplicate Precision Lab Sample ID: 08120224-001A S08643-005

Run Sequence	CAS #	Analyte	Result	Units	Range	Dilution Factor	Detection Limit	Run Code	Run Date
XG.2008.1439.7		Diesel Range Organics	0.9	RPD	0 - 20	1	NA		12-15-08

Quality Control Summary

Client: **T-N-T ENVIRONMENTAL**
 Project: **LANDFARM**
 Order: **08120224 ARS01**

Test: **SW846 8015B Diesel Range Organics by GC/FID**

Batch: **S08643**

Matrix: **SOLID**

MSD: Matrix Spike Duplicate Accuracy

Lab Sample ID: 08120224-001A

S08643-005

Run Sequence	CAS #	Analyte	Result	Units	Range	Dilution Factor	Detection Limit	Run Code	Run Date
XG.2008.1439.7		Diesel Range Organics	94.1	% Recovery	76.3 - 122.8	1	NA		12-15-08

Test: **SW846 9056 Anions by Ion Chromatography**

Batch: **W081155**

Matrix: **SOLID**

MB: Method Blank

Lab Sample ID: N/A

W081155-001

Run Sequence	CAS #	Analyte	Result	Units	Range	Dilution Factor	Detection Limit	Run Code	Run Date
WC.2008.3332.3	16887-00-6	Chloride	ND	mg/Kg		1	0.5		12-19-08
WC.2008.3332.3	16984-48-8	Fluoride	ND	mg/Kg		1	0.5		12-19-08
WC.2008.3332.3	14797-65-0	Nitrate, as N	ND	mg/Kg		1	0.5		12-19-08
WC.2008.3332.3	14265-44-2	Orthophosphate, as P	ND	mg/Kg		1	0.5		12-19-08
WC.2008.3332.3	14808-79-8	Sulfate	ND	mg/Kg		1	0.5		12-19-08

LCS: Lab Control Spike

Lab Sample ID: N/A

W081155-002

Run Sequence	CAS #	Analyte	Result	Units	Range	Dilution Factor	Detection Limit	Run Code	Run Date
WC.2008.3332.4	16887-00-6	Chloride	100.9	% Recovery	90 - 110	1	NA		12-20-08
WC.2008.3332.4	16984-48-8	Fluoride	100.1	% Recovery	90 - 110	1	NA		12-20-08
WC.2008.3332.4	14797-65-0	Nitrate, as N	100.4	% Recovery	90 - 110	1	NA		12-20-08
WC.2008.3332.4	14265-44-2	Orthophosphate, as P	89.4	% Recovery	90 - 110	1	NA		12-20-08
WC.2008.3332.4	14808-79-8	Sulfate	94.4	% Recovery	90 - 110	1	NA		12-20-08

MS: Matrix Spike

Lab Sample ID: 08120224-001A

W081155-004

Run Sequence	CAS #	Analyte	Result	Units	Range	Dilution Factor	Detection Limit	Run Code	Run Date
WC.2008.3332.6	16887-00-6	Chloride	122.1	% Recovery	90 - 110	49	NA		12-20-08
WC.2008.3332.6	16984-48-8	Fluoride	125.9	% Recovery	90 - 110	49	NA		12-20-08
WC.2008.3332.6	14797-65-0	Nitrate, as N	128.2	% Recovery	90 - 110	49	NA		12-20-08
WC.2008.3332.6	14808-79-8	Sulfate	99.9	% Recovery	90 - 110	49	NA		12-20-08

Quality Control Summary

Client: **T-N-T ENVIRONMENTAL**Project: **LANDFARM**Order: **08120224 ARS01**Test: **SW846 9056 Anions by Ion Chromatography**Batch: **W081155**Matrix: **SOLID**

MSD: Matrix Spike Duplicate Precision

Lab Sample ID: 08120224-001A

W081155-005

Run Sequence	CAS #	Analyte	Result	Units	Range	Dilution Factor	Detection Limit	Run Code	Run Date
WC.2008.3332.7	16887-00-6	Chloride	0.780	RPD	0 - 20	49	NA		12-20-08
WC.2008.3332.7	16984-48-8	Fluoride	1.43	RPD	0 - 20	49	NA		12-20-08
WC.2008.3332.7	14797-65-0	Nitrate, as N	0.822	RPD	0 - 20	49	NA		12-20-08
WC.2008.3332.7	14808-79-8	Sulfate	1.40	RPD	0 - 20	49	NA		12-20-08

MSD: Matrix Spike Duplicate Accuracy

Lab Sample ID: 08120224-001A

W081155-005

Run Sequence	CAS #	Analyte	Result	Units	Range	Dilution Factor	Detection Limit	Run Code	Run Date
WC.2008.3332.7	16887-00-6	Chloride	123.1	% Recovery	90 - 110	49	NA		12-20-08
WC.2008.3332.7	16984-48-8	Fluoride	127.8	% Recovery	90 - 110	49	NA		12-20-08
WC.2008.3332.7	14797-65-0	Nitrate, as N	129.3	% Recovery	90 - 110	49	NA		12-20-08
WC.2008.3332.7	14808-79-8	Sulfate	101.3	% Recovery	90 - 110	49	NA		12-20-08

Batch: **W081177**Matrix: **SOLID**

MB: Method Blank

Lab Sample ID: N/A

W081177-001

Run Sequence	CAS #	Analyte	Result	Units	Range	Dilution Factor	Detection Limit	Run Code	Run Date
WC.2008.3407.3	16887-00-6	Chloride	ND	mg/Kg		1	0.5		12-30-08
WC.2008.3407.3	16984-48-8	Fluoride	ND	mg/Kg		1	0.5		12-30-08
WC.2008.3407.3	14797-65-0	Nitrate, as N	ND	mg/Kg		1	0.5		12-30-08
WC.2008.3407.3	14265-44-2	Orthophosphate, as P	ND	mg/Kg		1	0.5		12-30-08
WC.2008.3407.3	14808-79-8	Sulfate	ND	mg/Kg		1	0.5		12-30-08

LCS: Lab Control Spike

Lab Sample ID: N/A

W081177-002

Run Sequence	CAS #	Analyte	Result	Units	Range	Dilution Factor	Detection Limit	Run Code	Run Date
WC.2008.3407.4	16887-00-6	Chloride	100.8	% Recovery	90 - 110	1	NA		12-30-08
WC.2008.3407.4	16984-48-8	Fluoride	99.2	% Recovery	90 - 110	1	NA		12-30-08
WC.2008.3407.4	14797-65-0	Nitrate, as N	99.2	% Recovery	90 - 110	1	NA		12-30-08
WC.2008.3407.4	14265-44-2	Orthophosphate, as P	96.9	% Recovery	90 - 110	1	NA		12-30-08
WC.2008.3407.4	14808-79-8	Sulfate	103.0	% Recovery	90 - 110	1	NA		12-30-08

Quality Control Summary

Client: **T-N-T ENVIRONMENTAL**Project: **LANDFARM**Order: **08120224 ARS01**Test: **SW846 9056 Anions by Ion Chromatography**Batch: **W081177**Matrix: **SOLID****MS: Matrix Spike**

Lab Sample ID: 08100471-001A

W081177-004

Run Sequence	CAS #	Analyte	Result	Units	Range	Dilution Factor	Detection Limit	Run Code	Run Date
WC.2008.3407.6	16887-00-6	Chloride	119.8	% Recovery	90 - 110	50	NA		12-30-08
WC.2008.3407.6	16984-48-8	Fluoride	119.7	% Recovery	90 - 110	50	NA		12-30-08
WC.2008.3407.6	14797-65-0	Nitrate, as N	115.4	% Recovery	90 - 110	50	NA		12-30-08
WC.2008.3407.6	14265-44-2	Orthophosphate, as P	108.5	% Recovery	90 - 110	50	NA		12-30-08
WC.2008.3407.6	14808-79-8	Sulfate	107.7	% Recovery	90 - 110	50	NA		12-30-08

MSD: Matrix Spike Duplicate Precision

Lab Sample ID: 08100471-001A

W081177-005

Run Sequence	CAS #	Analyte	Result	Units	Range	Dilution Factor	Detection Limit	Run Code	Run Date
WC.2008.3407.7	16887-00-6	Chloride	0.217	RPD	0 - 20	50	NA		12-30-08
WC.2008.3407.7	16984-48-8	Fluoride	1.40	RPD	0 - 20	50	NA		12-30-08
WC.2008.3407.7	14797-65-0	Nitrate, as N	0.173	RPD	0 - 20	50	NA		12-30-08
WC.2008.3407.7	14265-44-2	Orthophosphate, as P	0.0922	RPD	0 - 20	50	NA		12-30-08
WC.2008.3407.7	14808-79-8	Sulfate	0.0309	RPD	0 - 20	50	NA		12-30-08

MSD: Matrix Spike Duplicate Accuracy

Lab Sample ID: 08100471-001A

W081177-005

Run Sequence	CAS #	Analyte	Result	Units	Range	Dilution Factor	Detection Limit	Run Code	Run Date
WC.2008.3407.7	16887-00-6	Chloride	119.5	% Recovery	90 - 110	50	NA		12-30-08
WC.2008.3407.7	16984-48-8	Fluoride	118.0	% Recovery	90 - 110	50	NA		12-30-08
WC.2008.3407.7	14797-65-0	Nitrate, as N	115.6	% Recovery	90 - 110	50	NA		12-30-08
WC.2008.3407.7	14265-44-2	Orthophosphate, as P	108.4	% Recovery	90 - 110	50	NA		12-30-08
WC.2008.3407.7	14808-79-8	Sulfate	107.6	% Recovery	90 - 110	50	NA		12-30-08



2609 North River Road
Port Allen, Louisiana 70767
225-381-2991

David Dineen
Samplers: (signature)

79, Ag, 5c

Special Instruction:

RCRA 8 Ar, Ba, Cd, Cr, Pb, Hg, Ag, Se

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