



# AE Order Number Banner

## Report Description

This report shows an AE Order Number in Barcode format for purposes of scanning. The Barcode format is Code 39.



**App Number: pGRL1116055984**

**1RP - 2648**

**TARGA MIDSTREAM SERVICES LLC**

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
1301 W. Grand Avenue, Artesia, NM 88210  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy Minerals and Natural Resources  
Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-141  
Revised October 10, 2003

Submit 2 Copies to appropriate  
District Office in accordance  
with Rule 116 on back  
side of form

**Release Notification and Corrective Action**

**OPERATOR**  Initial Report  Final Report

Name of Company: Targa Midstream Services L.P.	Contact: Ralph England
Address: P.O. Box 1689, Lovington, NM 88260	Telephone No.: 575-396-3221
Facility Name: Saunders Plant	Facility Type: Gas Processing

Surface Owner: Eidson Ranch	Mineral Owner	Lease No.:
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**LOCATION OF RELEASE**

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
M	26	16S	35E	34'	SOUTH	905'	WEST	LEA

Latitude: 32.885867 Longitude: -103.433963

**NATURE OF RELEASE**

Type of Release: Gas Release	Volume of Release: Unknown	Volume Recovered: 0
Source of Release: 3" steel pipeline (abandoned)	Date and Hour of Occurrence:	Date and Hour of Discovery:
Was Immediate Notice Given? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Required	If YES, To Whom?	
By Whom?	Date and Hour:	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.	

If a Watercourse was Impacted, Describe Fully.\*

Describe Cause of Problem and Remedial Action Taken.\*

Leaking 3" steel pipeline, external corrosion. Remedial action: pipeline has been abandoned for sometime and is isolated from the main pipeline and battery. Contaminated soil will be removed to an OCD approved landfarm, soil will be tested and new topsoil brought in to replace contaminated soil.

Describe Area Affected and Cleanup Action Taken.\*

CLEAN UP ACTION: site was excavated and sampled by Targa and Whole Earth Environmental Inc., samples sent to Cardinal Labs in Hobbs. Field & lab results confirmed no further contamination. NMOCD approved closure.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Signature: <i>Ralph England</i>	<b>OIL CONSERVATION DIVISION</b>	
Printed Name: Ralph England	Approved by District Supervisor:	
Title: Field Supervisor	Approval Date:	Expiration Date:
E-mail Address: REngland@targaresources.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: Phone: (575) 396-3221		

\* Attach Additional Sheets If Necessary

District I  
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with Rule 116 on back  
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**Release Notification and Corrective Action**

**OPERATOR**  Initial Report  Final Report

Name of Company: Targa Midstream Services, L.P.	Contact: Ralph England
Address: P.O. Box 1689, Lovington, NM 88260	Telephone No.: (575) 396-3221
Facility Name: Saunders Plant	Facility Type: Gas Processing

Surface Owner: Eidson Ranch	Mineral Owner	Lease No.
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**LOCATION OF RELEASE** NEARBY MAUD SAUNDERS #004  
API # 30-025-0195-00-00

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
I	15/27	16S	35E					

SAUNDERS PLANT BREAK IN LINE  
Latitude 32.89278 Longitude 103.44018

**NATURE OF RELEASE**

Type of Release: Gas release	Volume of Release: Unknown	Volume Recovered: 0
Source of Release: 8" steel pipeline	Date and Hour of Occurrence: Unknown	Date and Hour of Discovery:
Was Immediate Notice Given? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Required	If YES, To Whom?	
By Whom?	Date and Hour	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.	

If a Watercourse was Impacted, Describe Fully.\*

Describe Cause of Problem and Remedial Action Taken.\*  
Cause: Leaking 8" steel pipeline, external corrosion.  
Remedial Action: Pipeline was temporarily repaired, isolated and taken out of service. Work is currently in progress to permanently repair pipeline by inserting 6" polyethylene pipe inside existing 8" steel pipeline. Permanent repair will be complete by 11/9/2010.

Describe Area Affected and Cleanup Action Taken.\*  
Upon completion of pipeline repair, excavation will begin to clean leak site. Contaminated soil will be removed to an OCD approved landfarm, soil will be tested and new topsoil brought in to replace contaminated soil.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Signature: <i>Ralph England</i>	<b>OIL CONSERVATION DIVISION</b>	
Printed Name: Ralph England	Approved by: ENV ENGINEER: <i>Stephany Loring</i> District Supervisor:	
Title: Field Supervisor	Approval Date: 11/10/10	Expiration Date: 01/10/11
E-mail Address: REngland@targaresources.com	Conditions of Approval: SUBMIT FINAL	Attached <input type="checkbox"/>
Date: 11/8/2010 Phone: (575) 396-3221	C-141 BY 01/10/11. IRP-11-10-2648	

\* Attach Additional Sheets If Necessary



**Whole Earth Environmental, Inc.**

2103 Arbor Cove  
Katy, Tx. 77494  
281.394.2050  
mikeg@vadose.us

June 14, 2011

NMOCD  
1625 No. French Dr.  
Hobbs, NM 88241

Attn: Geoffrey Leking

**Reference: 1RP-11-10-2648 Targa Eidson Ranch LC-61 #4**

Dear Mr. Leking:

Enclosed, please find a final copy of our remediation report for the Targa Midstream Services L.P. Eidson Ranch LC-61 #4 located in Lea County, New Mexico.

Thank you again for the opportunity of working with you on this project.

Warmest personal regards,

Mike Griffin  
President  
Whole Earth Environmental, Inc.



**Executive Summary**  
**Targa Eidson Ranch LC-61 #4**  
**Remediation Project**  
**1RP-2648**

**Location**

The site is located approximately 6.37 miles southwest of the City of Lovington, Lea County, New Mexico on private land owned by the Eidson Ranch Estate and operated by Ranch Foreman Arzell Sellers. The primary land use is grazing of cattle however extensive oil and gas operations are prevalent in the area. The area is semi-arid with a net precipitation / evaporation amount of -73" per year. The legal description for the site is: SW/SW1/4 UL/M S26, T16S, R35E, GPS Lat & Lon WGS84 (Decimal) N32.885780 / W103.434071. Depth to groundwater was confirmed at an active stock windmill with a pond 713' south southeast of site. Water depth is 52.8' below ground surface.

**History**

Targa was approached by the Eidson Ranch Foreman on 4 historic release sites that needed to be cleaned up. Site #4 is located on an inactive 3" steel line which has been isolated and abandoned for some time. Targa's policy being pro-environmental initiated the investigation and excavation of the sites. After the site was excavated to a reasonable size approx. 63'L x 53'W x 15'D, Whole Earth Environmental Inc. was contracted to finish delineation of the sites. All excavated material from the site was hauled off from the site using a dirt contractor hired by Targa (Watson Construction Co.), and haul to the JAY-DAN Surface Waste Management Facility Permit # NM 1-045.

**Delineation Activities**

The spill was an old historic leak, with the surrounding area of the pipeline spill being barren and with little to no vegetation growth. Site was excavated and material excavated from site was sent to an approved NMOCD Disposal site Jay-Dan Surface Waste Management Facility Permit # NM 1-045. The total amount of material

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excavated and sent to disposal for this site was 1760 cyds. After excavation of the spill site Whole Earth Environmental Inc. was contracted to assess the sites for further delineation if needed. The site was assessed by Whole Earth Environmental Inc. and advanced four (4) bores vertically and 20' laterally from the edge of the excavation in an effort to determine vertical & lateral impact if any. Soil samples were pulled and checked for CL-, and VOC's using a PID meter. Various samples were then prepared for lab confirmation, properly jarred and preserved and delivered to Cardinal Labs in Hobbs, NM. After reviewing lab results NMOCD was approached by Whole Earth Environmental Inc. with results and NMOCD Hobbs District office agreed that the site was clean and well within the NMOCD regs., and permitted closure of the site. The site was backfilled using clean caliche from the Eidson Ranch caliche pit and backfilled to within 1'bgs, with the remaining being backfill with clean topsoil also obtained from the Eidson Ranch. The site will be seed using a seed mixture by approved by the Ranch Foreman Arzell Sellers.

**Remediation**

No remediation was required to be performed on this site. The site was backfilled with material from the Eidson Ranch caliche pit, walked down for compaction with the last top 1' being backfilled with topsoil also obtained from the Eidson ranch.



## **Exhibit Index**

1. Initial C-141
2. Driving Directions Sat. View
3. Sat. View close up with excavation dimensions
4. NMOCD Assessment Ranking Criteria
5. Summary VOC's Field Results
6. Photo View of Site S to N
7. Photo View of Site Caliche Backfill S to N
8. Photo View of Site Complete
9. Photo View of Windmill Water Depth @ 52.8'bgs
10. Final C-141

Livingston

Google

©2010

Eye alt: 36966 ft

TARGA EIDSON RANCH LC-61 #4  
 SW/SW 1/4 SEC 26 - T16S - R35E  
 GPS LAT & LON NAD27(DECIMAL)  
 N32.885780 / W103.434071  
 DRIVING DIRECTIONS:  
 IN LOVINGTON AT INTERSECTION OF MAIN ST. & AVE D, > L (W)  
 ONTO AVE D, GO 4.13MI, > L (S) ONTO GIL RD. (CR100), GO 3.52MI  
 > R (W) GO 0.63MI > L (S) GO 0.49MI > R (W) GO 0.24MI TO  
 EXCAVATION ON R (N) SIDE OF LEASE RD

4.13MI

3.25MI

0.49MI

Targa Eidson Ranch LC-61 #4

0.63MI

0.24MI

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Image © 2010 DigitalGlobe

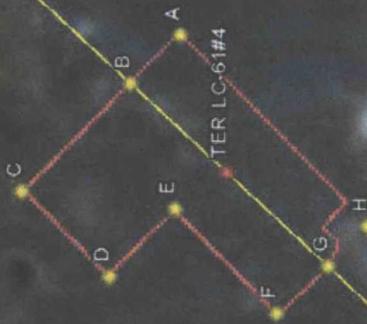
Lea

lat 32.915583° lon -103.392929° elev 3950 ft

Imagery Dates: Oct 22, 2002 - Dec 28, 2002

N

**Targa Eldson Ranch LC-61 #4**  
**SW/4 SW/4 UL/M SEC 26 - T16S - R35E**  
**GPS LAT & LON NAD27 (DECIMAL)**  
**N32.88567 / W103.433963**  
**Site dimensions**  
**A>B 16'**  
**B>C 36'**  
**C>D 25'**  
**D>E 14'**  
**E>F 34'**  
**F>G 16'**  
**G>H 29'**  
**H>A 39'**  
**Excavation depth approx. 15'D**



©2010 Google

Eye alt 4385 ft

© 2010 Google  
Image © 2010 DigitalGlobe

lat 32.885868° lon -103.433922° elev 3968 ft

120 ft

Imagery Date: Oct 22, 2002

# SITE ASSESMENT CRITERIA (NMOCD)

TARGA  
EIDSON RANCH LC-61 #4  
SE/SE1/4 SEC 26 - T16S - R35E  
GPS LAT & LON NAD27 N32.88567 / W103.433963  
DTW: 52.8'BGS WINDMILL 697' S OF SITE

## DEPTH TO GROUND WATER

(Vertical distance from contaminants to seasonal high water elevation of ground water.)

Less than 50' BGS	(20 points)	
50' to 99' BGS	(10 points)	
Greater than 100' BGS	(0 points)	<input type="text" value="20"/>

## WELLHEAD PROTECTION AREA

(Less tan 200' from a private domestic water source, or; less than 1000' from all other water sources)

YES	(20 points)	
NO	(0 points)	<input type="text" value="20"/>

## DISTANCE TO SURFACE WATER BODY

(Horizontal distance to perennial lakes, ponds, rivers, streams, creeks, irrigation canals, and ditches)

Less than 200'	(20 points)	
200' to 1000'	(10 points)	
Greater than 1000'	(0 points)	<input type="text" value="10"/>

RANKING SCORE TOTAL POINTS	<input type="text" value="50"/>
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## CLEAN - UP TARGET CONCENTRATIONS FOR "SITE CLOSURE"

IF RANKING SCORE IS:	> 19	10 - 19	0 - 9
BENZENE (ppm)*	10	10	10
BTEX (ppm)*	50	50	50
TPH (ppm)**	100	1000	5000

\*A field vapor headspace measurement of 100 ppm may be substituted for a laboratory analysis.

\*\* The contaminant concentration for TPH is the concentration above background levels.

# WEE INC. VOC FIELD READINGS

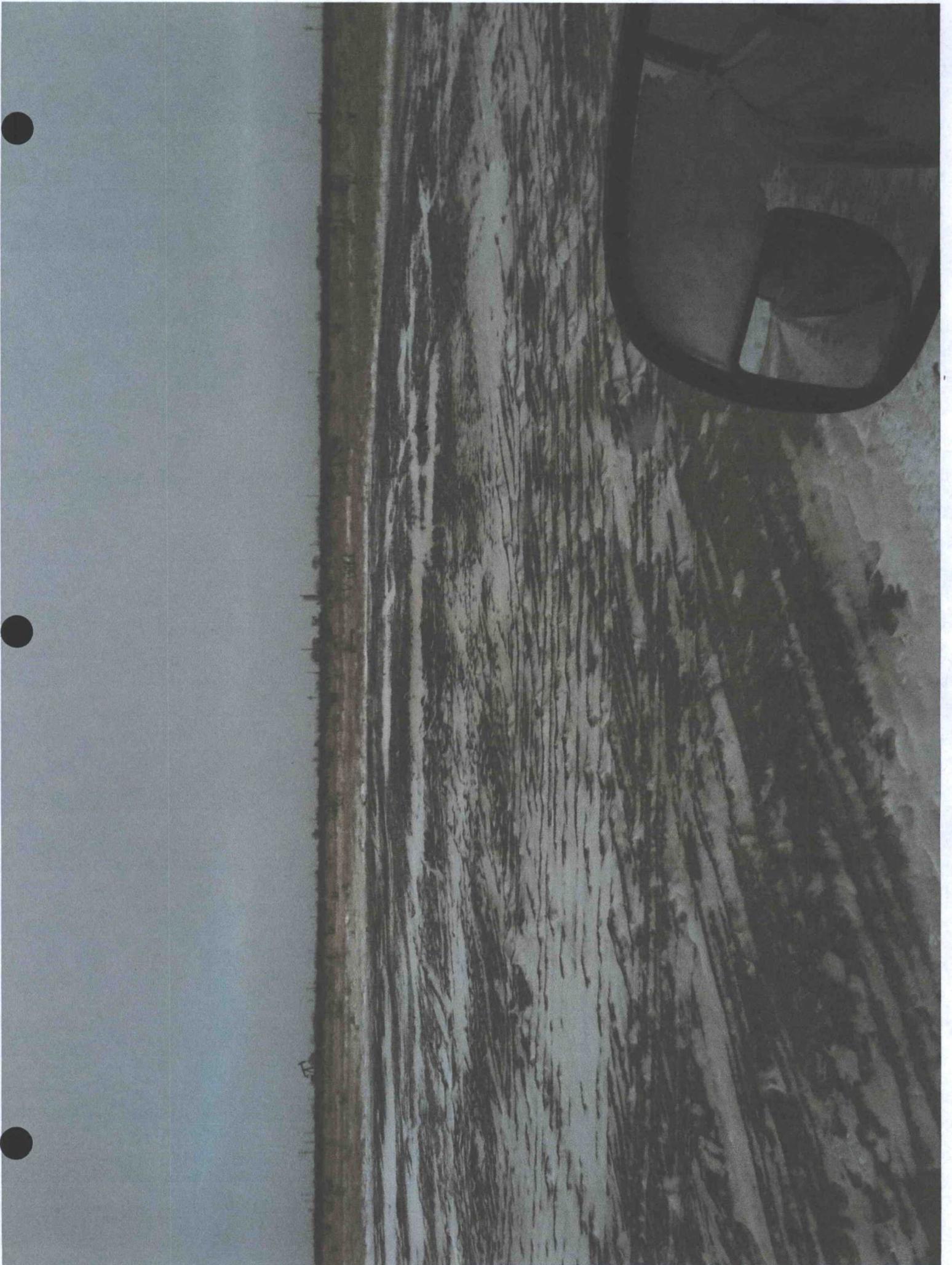
LOCATION: TARGA EIDSON RANCH LC-61 #4  
BORES #1-4

DEPTH TO GW: 52.8' bgs confirmed

Sample pt.	DEPTH	PID	SOIL LITHOLOGY
SITE #4 BORE #1 12-2-10	surface	1.0	5YR-4/1 dark gray soft loamy topsoil dry
	5'	10.1	5YR-6/2 pinkish gray rocky caliche damp
	10'	43.5	5YR-6/2 pinkish gray rocky caliche damp
	15'	25.0	5YR-6/2 pinkish gray rocky caliche damp
	20'	11.3	5YR-7/1 light gray soft caliche slightly damp
	25'	22.7	5YR-7/1 light gray soft caliche slightly damp
	30'	14.2	5YR-6/2 pinkish gray soft caliche damp
BORE #2 12-3-10	surface	2.4	5YR-4/1 dark gray soft loamy topsoil dry
	5'	8.3	5YR-7/1 light gray soft caliche slightly damp
	10'	5.0	5YR-7/1 light gray soft caliche slightly damp
	15'	4.2	5YR-6/2 pinkish gray rocky caliche damp
BORE #3 12-3-10	surface	3.4	5YR-4/1 dark gray soft loamy topsoil dry
	5'	5.4	5YR-7/1 light gray soft caliche slightly damp
	10'	3.3	5YR-7/1 light gray soft caliche slightly damp
	15'	5.2	5YR-7/1 light gray soft caliche slightly damp
BORE #4 12-3-10	surface	2.6	5YR-4/1 dark gray soft loamy topsoil dry
	5'	3.6	5YR-7/1 light gray soft caliche slightly damp
	10'	9.6	5YR-7/1 light gray soft caliche slightly damp
	15'	2.2	7.5YR-7.3 pink soft sandy caliche slightly damp
BOTTOM OF EXCAVATION @ 15'BGS	6"	6.1	5YR-7/1 light gray soft caliche slightly damp
BOTTOM OF EXCAVATION @ 15'BGS	1'	11.9	5YR-7/1 light gray soft caliche slightly damp









December 03, 2010

MIKE GRIFFIN

WHOLE EARTH ENVIRONMENTAL, INC.

2103 ARBOR COVE

KATY, TX 77494

RE: TARGA - EIDSON

Enclosed are the results of analyses for samples received by the laboratory on 12/02/10 15:30.

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:**

WHOLE EARTH ENVIRONMENTAL, INC.  
MIKE GRIFFIN  
2103 ARBOR COVE  
KATY TX, 77494  
Fax To: (281) 394-2051

Received:	12/02/2010	Sampling Date:	12/02/2010
Reported:	12/03/2010	Sampling Type:	Soil
Project Name:	TARGA - EIDSON	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

**Sample ID: B1 - 5' (H021441-01)**

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	12/02/2010	ND	1.93	96.4	2.00	4.36		
<b>Toluene*</b>	<b>0.050</b>	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) 95.8 % 70-130

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Chloride</b>	<b>112</b>	16.0	12/03/2010	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	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		

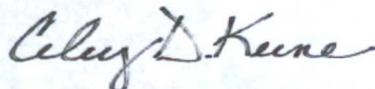
Surrogate: 1-Chlorooctane 82.8 % 70-130

Surrogate: 1-Chlorooctadecane 81.8 % 70-130

Cardinal Laboratories

\*=Accredited Analyte

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 the 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.



Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

WHOLE EARTH ENVIRONMENTAL, INC.  
MIKE GRIFFIN  
2103 ARBOR COVE  
KATY TX, 77494  
Fax To: (281) 394-2051

Received:	12/02/2010	Sampling Date:	12/02/2010
Reported:	12/03/2010	Sampling Type:	Soil
Project Name:	TARGA - EIDSON	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

**Sample ID: B1 - 30' (H021441-02)**

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	12/02/2010	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	32.0	16.0	12/03/2010	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	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	

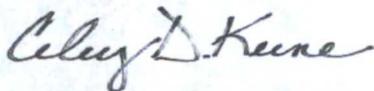
Surrogate: 1-Chlorooctane 93.1 % 70-130

Surrogate: 1-Chlorooctadecane 91.9 % 70-130

Cardinal Laboratories

\*=Accredited Analyte

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 the 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.



Celey D. Keene, Lab Director/Quality Manager

**Notes and Definitions**

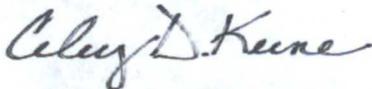
- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- \*\* Samples not received at proper temperature of 6°C or below.
- \*\*\* Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C  
Samples reported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

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Cardinal Laboratories

\*=Accredited Analyte

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 the 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.



---

Celey D. Keene, Lab Director/Quality Manager



December 08, 2010

MIKE GRIFFIN

WHOLE EARTH ENVIRONMENTAL, INC.

2103 ARBOR COVE

KATY, TX 77494

RE: TARGA - EIDSON

Enclosed are the results of analyses for samples received by the laboratory on 12/03/10 15:35.

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:**

WHOLE EARTH ENVIRONMENTAL, INC.  
 MIKE GRIFFIN  
 2103 ARBOR COVE  
 KATY TX, 77494  
 Fax To: (281) 394-2051

Received:	12/03/2010	Sampling Date:	12/03/2010
Reported:	12/08/2010	Sampling Type:	Soil
Project Name:	TARGA - EIDSON	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

**Sample ID: B2 - 15' (H021450-01)**

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	12/06/2010	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) 103 % 70-130

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	

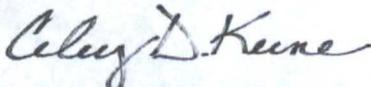
Surrogate: 1-Chlorooctane 91.8 % 70-130

Surrogate: 1-Chlorooctadecane 88.2 % 70-130

Cardinal Laboratories

\*=Accredited Analyte

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Caley D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

WHOLE EARTH ENVIRONMENTAL, INC.  
MIKE GRIFFIN  
2103 ARBOR COVE  
KATY TX, 77494  
Fax To: (281) 394-2051

Received: 12/03/2010  
Reported: 12/08/2010  
Project Name: TARGA - EIDSON  
Project Number: NONE GIVEN  
Project Location: NOT GIVEN

Sampling Date: 12/03/2010  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Jodi Henson

**Sample ID: B3 - 15' (H021450-02)**

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	12/06/2010	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) 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	12/08/2010	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	12/06/2010	ND	150	75.2	200	2.65		
DRO >C10-C28	<10.0	10.0	12/06/2010	ND	184	92.1	200	6.35		

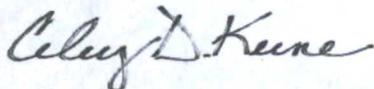
Surrogate: 1-Chlorooctane 102 % 70-130

Surrogate: 1-Chlorooctadecane 99.6 % 70-130

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

WHOLE EARTH ENVIRONMENTAL, INC.  
 MIKE GRIFFIN  
 2103 ARBOR COVE  
 KATY TX, 77494  
 Fax To: (281) 394-2051

Received:	12/03/2010	Sampling Date:	12/03/2010
Reported:	12/08/2010	Sampling Type:	Soil
Project Name:	TARGA - EIDSON	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

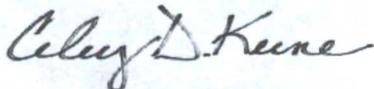
**Sample ID: B4 - 10' (H021450-03)**

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	
<hr/>									
Surrogate: 1-Chlorooctane	104 %	70-130							
Surrogate: 1-Chlorooctadecane	101 %	70-130							

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

WHOLE EARTH ENVIRONMENTAL, INC.  
MIKE GRIFFIN  
2103 ARBOR COVE  
KATY TX, 77494  
Fax To: (281) 394-2051

Received: 12/03/2010  
Reported: 12/08/2010  
Project Name: TARGA - EIDSON  
Project Number: NONE GIVEN  
Project Location: NOT GIVEN

Sampling Date: 12/03/2010  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Jodi Henson

**Sample ID: B4 - 15' (H021450-04)**

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	12/06/2010	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) 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	12/08/2010	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	12/06/2010	ND	150	75.2	200	2.65	
DRO >C10-C28	<10.0	10.0	12/06/2010	ND	184	92.1	200	6.35	

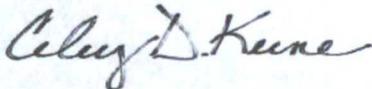
Surrogate: 1-Chlorooctane 103 % 70-130

Surrogate: 1-Chlorooctadecane 100 % 70-130

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

WHOLE EARTH ENVIRONMENTAL, INC.  
MIKE GRIFFIN  
2103 ARBOR COVE  
KATY TX, 77494  
Fax To: (281) 394-2051

Received:	12/03/2010	Sampling Date:	12/03/2010
Reported:	12/08/2010	Sampling Type:	Soil
Project Name:	TARGA - EIDSON	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

**Sample ID: BOTTOM 2 (H021450-05)**

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	12/06/2010	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) 108 % 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	12/08/2010	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	12/06/2010	ND	150	75.2	200	2.65		
DRO >C10-C28	<10.0	10.0	12/06/2010	ND	184	92.1	200	6.35		

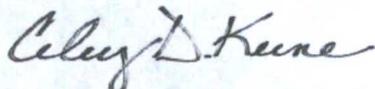
Surrogate: 1-Chlorooctane 105 % 70-130

Surrogate: 1-Chlorooctadecane 101 % 70-130

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

**Notes and Definitions**

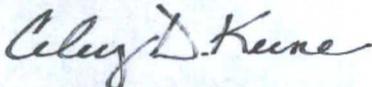
- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- \*\* Samples not received at proper temperature of 6°C or below.
- \*\*\* Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C  
Samples reported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

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Celey D. Keene, Lab Director/Quality Manager



# CARDINAL Laboratories

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

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: <u>Whole Earth Enviro</u>		P.O. #:		ANALYSIS REQUEST			
Project Manager: <u>Mike Conipin</u>		Company:					
Address:		Attn:					
City: <u>Katy</u>		Address:					
Phone #: _____		City:					
State: <u>TX</u> Zip: _____		State:					
Project #: _____		Phone #:					
Project Owner: _____		Fax #:					
Project Location: _____		PRESERV:					
Sampler Name: <u>ML</u>		SAMPLING					
FOR LAB USE ONLY							
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX	DATE	TIME	REMARKS
H214501	B2-15'	G 1	1	GROUNDWATER	12/3/10	9:26	BETEX
	B3-15'	G 1	1	WASTEWATER	"	12:30	8015M
	B4-10'	G 1	1	SOIL	"	1:57	C1- * Added 12/7/10
	B4-15'	G 1	1	OIL	"	2:41	
	Bottom 2	G 1	1	SLUDGE	"	12:45	
				OTHER:			
				ACID/BASE:			
				ICE / COOL			
				OTHER:			

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Relinquished by: [Signature]  
 Date: 12-3-10  
 Time: 3:35  
 Received by: [Signature]  
 Date: \_\_\_\_\_  
 Time: \_\_\_\_\_

Delivered By: (Circle One)  
 Sampler - UPS - Bus - Other: 3.50  
 Sample Condition:  Cool  Intact  
 Checked By: [Signature]

REMARKS:  
 Phone Result:  Yes  No  
 Fax Result:  Yes  No  
 Add'l Phone #: \_\_\_\_\_  
 Add'l Fax #: \_\_\_\_\_  
 \* Key called & added C1 - 12/7/10  
 PUSH!!

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



January 12, 2011

ROY R. RASCON  
WHOLE EARTH ENVIRONMENTAL, INC.  
2103 ARBOR COVE  
KATY, TX 77494

RE: T E R LC - 61 #4

Enclosed are the results of analyses for samples received by the laboratory on 01/06/11 8:30.

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,

A handwritten signature in black ink that reads "Celey D. Keene".

Celey D. Keene  
Lab Director/Quality Manager

**Analytical Results For:**

WHOLE EARTH ENVIRONMENTAL, INC.  
 ROY R. RASCON  
 2103 ARBOR COVE  
 KATY TX, 77494  
 Fax To: (281) 394-2051

Received:	01/06/2011	Sampling Date:	01/05/2011
Reported:	01/12/2011	Sampling Type:	Soil
Project Name:	T E R LC - 61 #4	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LOVINGTON, NM		

**Sample ID: NORTH WALL (H100030-01)**

BTEX 8260B		mg/kg		Analyzed By: CMS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.100	0.100	01/11/2011	ND	1.97	98.5	2.00	4.07	
Toluene*	<0.100	0.100	01/11/2011	ND	2.16	108	2.00	0.696	
Ethylbenzene*	<0.100	0.100	01/11/2011	ND	2.11	105	2.00	2.72	
Total Xylenes*	<0.300	0.300	01/11/2011	ND	5.70	95.0	6.00	0.860	

Surrogate: Dibromofluoromethane 112 % 80-120  
 Surrogate: Toluene-d8 108 % 80-120  
 Surrogate: 4-Bromofluorobenzene 108 % 80-120

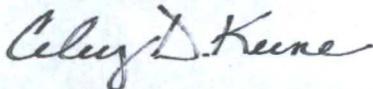
TPH 8015M		mg/kg		Analyzed By: AB					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	01/11/2011	ND	250	100	250	4.93	
DRO >C10-C28	<10.0	10.0	01/11/2011	ND	232	92.8	250	6.25	

Surrogate: 1-Chlorooctane 96.5 % 70-130  
 Surrogate: 1-Chlorooctadecane 101 % 70-130

Cardinal Laboratories

\*=Accredited Analyte

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Caley D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

WHOLE EARTH ENVIRONMENTAL, INC.  
ROY R. RASCON  
2103 ARBOR COVE  
KATY TX, 77494  
Fax To: (281) 394-2051

Received: 01/06/2011  
Reported: 01/12/2011  
Project Name: T E R LC - 61 #4  
Project Number: NONE GIVEN  
Project Location: LOVINGTON, NM

Sampling Date: 01/05/2011  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Jodi Henson

**Sample ID: SOUTH WALL (H100030-02)**

BTEX 8260B		mg/kg		Analyzed By: CMS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.100	0.100	01/11/2011	ND	1.97	98.5	2.00	4.07		
Toluene*	<0.100	0.100	01/11/2011	ND	2.16	108	2.00	0.696		
Ethylbenzene*	<0.100	0.100	01/11/2011	ND	2.11	105	2.00	2.72		
Total Xylenes*	<0.300	0.300	01/11/2011	ND	5.70	95.0	6.00	0.860		

Surrogate: Dibromofluoromethane 112 % 80-120  
Surrogate: Toluene-d8 109 % 80-120  
Surrogate: 4-Bromofluorobenzene 105 % 80-120

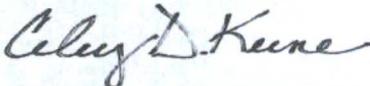
TPH 8015M		mg/kg		Analyzed By: AB						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	01/11/2011	ND	250	100	250	4.93		
DRO >C10-C28	<10.0	10.0	01/11/2011	ND	232	92.8	250	6.25		

Surrogate: 1-Chlorooctane 101 % 70-130  
Surrogate: 1-Chlorooctadecane 107 % 70-130

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

WHOLE EARTH ENVIRONMENTAL, INC.  
 ROY R. RASCON  
 2103 ARBOR COVE  
 KATY TX, 77494  
 Fax To: (281) 394-2051

Received: 01/06/2011  
 Reported: 01/12/2011  
 Project Name: T E R LC - 61 #4  
 Project Number: NONE GIVEN  
 Project Location: LOVINGTON, NM

Sampling Date: 01/05/2011  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Jodi Henson

**Sample ID: EAST WALL (H100030-03)**

BTEX 8260B		mg/kg		Analyzed By: CMS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.100	0.100	01/11/2011	ND	1.97	98.5	2.00	4.07		
Toluene*	<0.100	0.100	01/11/2011	ND	2.16	108	2.00	0.696		
Ethylbenzene*	<0.100	0.100	01/11/2011	ND	2.11	105	2.00	2.72		
Total Xylenes*	<0.300	0.300	01/11/2011	ND	5.70	95.0	6.00	0.860		

Surrogate: Dibromofluoromethane 118 % 80-120  
 Surrogate: Toluene-d8 114 % 80-120  
 Surrogate: 4-Bromofluorobenzene 103 % 80-120

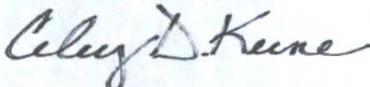
TPH 8015M		mg/kg		Analyzed By: AB						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	01/11/2011	ND	250	100	250	4.93		
DRO >C10-C28	<10.0	10.0	01/11/2011	ND	232	92.8	250	6.25		

Surrogate: 1-Chlorooctane 105 % 70-130  
 Surrogate: 1-Chlorooctadecane 104 % 70-130

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

 WHOLE EARTH ENVIRONMENTAL, INC.  
 ROY R. RASCON  
 2103 ARBOR COVE  
 KATY TX, 77494  
 Fax To: (281) 394-2051

 Received: 01/06/2011  
 Reported: 01/12/2011  
 Project Name: T E R LC - 61 #4  
 Project Number: NONE GIVEN  
 Project Location: LOVINGTON, NM

 Sampling Date: 01/05/2011  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Jodi Henson

**Sample ID: WEST WALL (H100030-04)**
**BTEX 8260B**
**mg/kg**
**Analyzed By: CMS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.100	0.100	01/11/2011	ND	1.97	98.5	2.00	4.07	
Toluene*	<0.100	0.100	01/11/2011	ND	2.16	108	2.00	0.696	
Ethylbenzene*	<0.100	0.100	01/11/2011	ND	2.11	105	2.00	2.72	
Total Xylenes*	<0.300	0.300	01/11/2011	ND	5.70	95.0	6.00	0.860	

*Surrogate: Dibromofluoromethane* 122 % 80-120

*Surrogate: Toluene-d8* 109 % 80-120

*Surrogate: 4-Bromofluorobenzene* 102 % 80-120

**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	01/11/2011	ND	250	100	250	4.93	
DRO >C10-C28	<10.0	10.0	01/11/2011	ND	232	92.8	250	6.25	

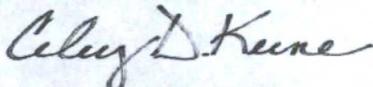
*Surrogate: 1-Chlorooctane* 96.9 % 70-130

*Surrogate: 1-Chlorooctadecane* 100 % 70-130

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Caley D. Keene, Lab Director/Quality Manager

### Notes and Definitions

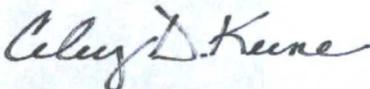
- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- \*\* Samples not received at proper temperature of 6°C or below.
- \*\*\* Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C  
Samples reported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

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Celey D. Keene, Lab Director/Quality Manager

**CARDINAL LABORATORIES**

2111 Beechwood, Abilene, TX 79603 101 East Marland, Hobbs, NM 88240  
 (325) 673-7001 FAX (325) 673-7020 (505) 393-2326 FAX (505) 393-2476

**WHOLE EARTH ENVIRONMENTAL INC.**

ROY R. RASCON

**BILL TO**

P.O. # \_\_\_\_\_  
 Company: \_\_\_\_\_  
 Alt#: \_\_\_\_\_  
 Address: \_\_\_\_\_  
 City: \_\_\_\_\_ Zip: \_\_\_\_\_  
 State: \_\_\_\_\_  
 Phone #: \_\_\_\_\_  
 Fax #: \_\_\_\_\_

**ROY R. RASCON**

State: \_\_\_\_\_ Zip: \_\_\_\_\_  
 City: \_\_\_\_\_  
 Phone #: \_\_\_\_\_ Fax #: \_\_\_\_\_

**TER LC-61 #4**  
 LOVINGTON, NM

**ROY R. RASCON**

FOR LAB USE ONLY LAB ID #	SAMPLE ID	(GRAB OR COMP)	MATRIX				PRESERV.		SAMPLING		DATE	TIME	CATS & ANS	PH	BTEX	CL	TPH 418.1	8015M
			GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER	ACID/BASE	ICE/COOL								
1	N WALL	G 1	X					X		1/5/11	1100		X					
2	S WALL	G 1	X					X		1/5/11	1115		X					
3	E WALL	G 2	X					X		1/5/11	1100		X					
4	W WALL	G 3	X					X		1/5/11	1111		X					

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Relinquished By: **ROY R. RASCON** Date: **1-2-11**  
 Time: **8:30**  
 Relinquished By: *Roy R. Rascon*

Received By: *Jodi Benson*  
 Date: \_\_\_\_\_  
 Time: \_\_\_\_\_

Sample Condition: Cool  Intact   
 Yes  No

CHECKED BY: *JSA*

Phone Result: Yes  No  Add'l Phone #: \_\_\_\_\_  
 Fax Result: Yes  No  Add'l Fax #: \_\_\_\_\_

**REMARKS: PLEASE E-MAIL TO: royr , mikeg, elliotw, & mcgriffin@vadose.us**

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

*4426*



January 04, 2011

ROY R. RASCON

WHOLE EARTH ENVIRONMENTAL, INC.

2103 ARBOR COVE

KATY, TX 77494

RE: T E R LC-61

Enclosed are the results of analyses for samples received by the laboratory on 12/29/10 16:18.

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:**

WHOLE EARTH ENVIRONMENTAL, INC.  
 ROY R. RASCON  
 2103 ARBOR COVE  
 KATY TX, 77494  
 Fax To: (281) 394-2051

Received: 12/29/2010  
 Reported: 01/04/2011  
 Project Name: T E R LC-61  
 Project Number: NONE GIVEN  
 Project Location: LOVINGTON, NM

Sampling Date: 12/29/2010  
 Sampling Type: Water  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Jodi Henson

**Sample ID: WINDMILL EIDSON (H021621-01)**

BTEX 8021B		mg/L		Analyzed By: CMS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.001	0.001	12/30/2010	ND	0.050	101	0.0500	1.73	
Toluene*	<0.001	0.001	12/30/2010	ND	0.049	98.1	0.0500	1.38	
Ethylbenzene*	<0.001	0.001	12/30/2010	ND	0.049	97.8	0.0500	0.494	
Total Xylenes*	<0.003	0.003	12/30/2010	ND	0.143	95.5	0.150	1.60	

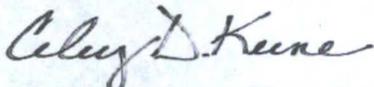
Surrogate: 4-Bromofluorobenzene (PIL) 107% 80-120

Chloride, SM4500Cl-B		mg/L		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	36.0	4.00	12/30/2010	ND	108	108	100	0.00	

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Celey D. Keene, Lab Director/Quality Manager

### Notes and Definitions

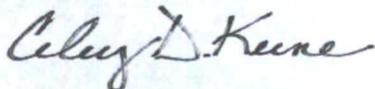
- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- \*\* Samples not received at proper temperature of 6°C or below.
- \*\*\* Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C  
Samples reported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

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Celey D. Keene, Lab Director/Quality Manager

