

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

Nome of Commonsty Torge Midetroom Commons I D	OPERATOR							
Name of Company: Targa Midstream Services, L.P.	The state of the s	No.: (575) 396-	2221					
Address: P.O. Box 1689, Lovington, NM 88260 Facility Name: Saunders Plant		pe: Gas Process						
racinty Name: Saunters Plant	racinty 1y	oc. Gas Frocess	mg					
Surface Owner: Eidson Ranch Mineral Owner	er			Lease N				
		NEAR	of my	HUD SALMONRS HOOL				
	ON OF RE	LEASE APL	#30	.025	011950	00.0	30	
+ -8	orth/South Line	Feet from the	East/V	Vest Line	County			
		1						
LANT IN Latitude 32.89278	Longitud	e_103.44018						
LINE	E OF REL	EASE						
Type of Release: Gas release	The second secon	f Release: Unkno	wn T	Volume F	Recovered: ()		
Source of Release: 8" steel pipeline	Date and Hour of Occurrence: Date and Hour of Discovery:							
	Unknown	T X-4-				10		
Was Immediate Notice Given? ☐ Yes ☐ No ☒ Not Requir								
By Whom?	Date and	Hour		-				
Was a Watercourse Reached?		olume Impacting	the Wate	ercourse.				
☐ Yes ⊠ No	100							
f a Watercourse was Impacted, Describe Fully.*								
Cause: Leaking 8" steel pipeline, external corrosion. Remedial Action: Pipeline was temporarily repaired, isolated and take					rmanently re	pair pi	peline by	
Remedial Action: Pipeline was temporarily repaired, isolated and take inserting 6" polyethylene pipe inside existing 8" steel pipeline. Perma Describe Area Affected and Cleanup Action Taken.* Upon completion of pipeline repair, excavation will begin to clean leaf	nent repair will	be complete by 11	/9/2010					
	k site. Contamin to the best of my se notifications a y the NMOCD n	nated soil will be reached as "Final Rion that pose a thr	removed understar tive acti	to an OCI	suant to NM0 eases which ieve the oper	OCD n may er	n, soil will ules and ndanger liability man health	
Remedial Action: Pipeline was temporarily repaired, isolated and take inserting 6" polyethylene pipe inside existing 8" steel pipeline. Perma Describe Area Affected and Cleanup Action Taken.* Upon completion of pipeline repair, excavation will begin to clean lead be tested and new topsoil brought in to replace contaminated soil. Thereby certify that the information given above is true and complete the regulations all operators are required to report and/or file certain release public health or the environment. The acceptance of a C-141 report by should their operations have failed to adequately investigate and remediant the environment. In addition, NMOCD acceptance of a C-141 report for the environment. In addition, NMOCD acceptance of a C-141 report	k site. Contaminate to the best of my se notifications a tythe NMOCD n diate contaminate rt does not relieve	knowledge and und perform correct tarked as "Final Rion that pose a three the operator of OIL CON	removed anderstar tive active active active active active active active seponsi	to an OCL	suant to NM6 eases which ieve the oper r, surface was	OCD n may er ator of ter, hu	n, soil will ules and ndanger liability man health	
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Remedial Action: Pipeline was temporarily repaired, isolated and taken inserting 6" polyethylene pipe inside existing 8" steel pipeline. Perma Describe Area Affected and Cleanup Action Taken.* Upon completion of pipeline repair, excavation will begin to clean lead be tested and new topsoil brought in to replace contaminated soil. Thereby certify that the information given above is true and complete the regulations all operators are required to report and/or file certain release bublic health or the environment. The acceptance of a C-141 report by should their operations have failed to adequately investigate and remed or the environment. In addition, NMOCD acceptance of a C-141 report ederal, state, or local laws and/or regulations.	k site. Contaminate to the best of my se notifications as the NMOCD necessary the NMOCD necessary the not relieved. Approved by Approval Da Conditions of	hated soil will be represented the soil will be represented as "Final Resident that pose a three the operator of the operator	removed understar etive acti deport" deat to gr responsi SERV	to an OCI and that pursions for relicoes not	suant to NMO eases which ieve the oper r, surface was compliance w	OCD remay errator of ter, hur ith any	n, soil will ules and idanger liability man health other	

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Attached

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

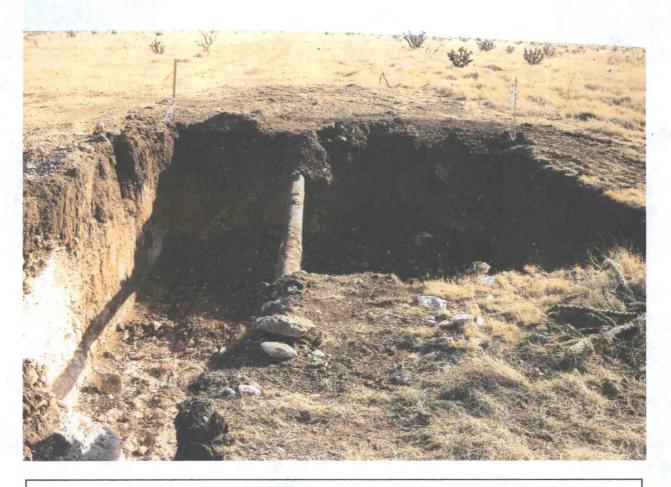
Address: P.O. Box 1689, Lovington, NM 88260 Facility Name: Saunders Plant Facility Type: Gas Processing Surface Owner: Eidson Ranch Mineral Owner Lease No .: LOCATION OF RELEASE Unit Letter Feet from the North/South Line Feet from the East/West Line Section Township Range County T 27 16S 35E 2530° SOUTH 1002 EAST LEA Latitude: 32.892754 Longitude:-103.440168 NATURE OF RELEASE Type of Release: Gas Release Volume of Release: Unknown Volume Recovered: 0 Date and Hour of Discovery: Source of Release: 8" steel pipeline Date and Hour of Occurrence: If YES, To Whom? Was Immediate Notice Given? ☐ Yes ☐ No ☒ Not Required By Whom? Date and Hour: Was a Watercourse Reached? If YES, Volume Impacting the Watercourse. ☐ Yes ☒ No If a Watercourse was Impacted, Describe Fully.* scribe Cause of Problem and Remedial Action Taken.* 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" poly line inside existing 8" steel pipeline. Permanent repair will be completed by 11-9-2010. 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. 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. OIL CONSERVATION DIVISION Signature: Approved by District Supervisor: Printed Name: Ralph England Title: Field Supervisor Approval Date: **Expiration Date:**

Conditions of Approval:

Date: 6/13/201/ Phone: (575) 396-3221

* Attach Additional Sheets If Necessary

E-mail Address: REngland@targaresources.com



Targa Midstream Services L.P. Eidson Ranch LC – 61 #3 Spill Clean – Up 1RP – 2648

UL/I Sec 27 –T16S – R35E GPS Lat & Lon WGS84 N32.882754 / W103.440168



Executive Summary Targa Eidson Ranch LC-61 #3 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: NE/SE1/4 UL/I S27, T16S, R35E, GPS Lat & Lon WGS84(Decimal) N32.892754 / W103.440168. Depth to groundwater was confirmed at an active stock windmill with a pond 3,780' southeast of site. Water depth is 52.8'bleow ground surface.

History

Targa was approached by the Eidson Ranch Foreman on 4 historic release sites that needed to be cleaned up. Site #3 is located on an active 8" steel line which has been slip-lined with 6" poly pipe. Targa's policy being pro-environmental initiated the investigation and excavation of the sites. After the site was excavated to a reasonable size approx. 25'L x 25'W x 10'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 the material to 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

excavated and sent to disposal for this site was approx. 260 cyds. After excavation of the spill sites Whole Earth Environmental Inc. was contracted to assess the sites for further delineation if needed. The site was initially sampled by Targa with samples being sent to Cardinal Labs in Hobbs for confirmation. Whole Earth Environmental Inc. re-sampled the site in accordance to NMOCD sampling procedure and sent the sample to the lab for confirmation. Lab results indicated no contamination and NMOCD was approached with the results. NMOCD indicated it was satisfied with the field and lab results and site could be backfilled as needed and close the site.

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. The site will be seeded using an approved seed mixture by the Eidson Ranch Foreman.



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. Photo view site S to N
- 6. Photo view N wall sample pt.
- 7. Photo view site backfilled with caliche, ready for topsoil
- 8. Photo view site backfilled and complete
- 9. Final C-141



0 lat 32.892781° Ion -103.440128° elev 3975 ft © 2010 Google Image © 2010 DigitalGlobe TER LC-61#3 Targa Eidson Ranch LC-61 #3 NE/SE1/4 UL/I SEC 27 - T16S - R35E GPS LAT & LON NAD27 (DECIMAL) N32.892754 / W103.440168 Excavation depth approx. 7'D 0 Site dimensions B>C 14' C>D 19' D>E 14' E>F 7' A>B 8' 143 11 Imagery Date: Oct 22, 2002

SITE ASSESMENT CRITERIA (NMOCD)

TARGA

EIDSON RANCH LC-61 #3

NE/SE1/4 UL/I SEC 27 - T16S - R35E

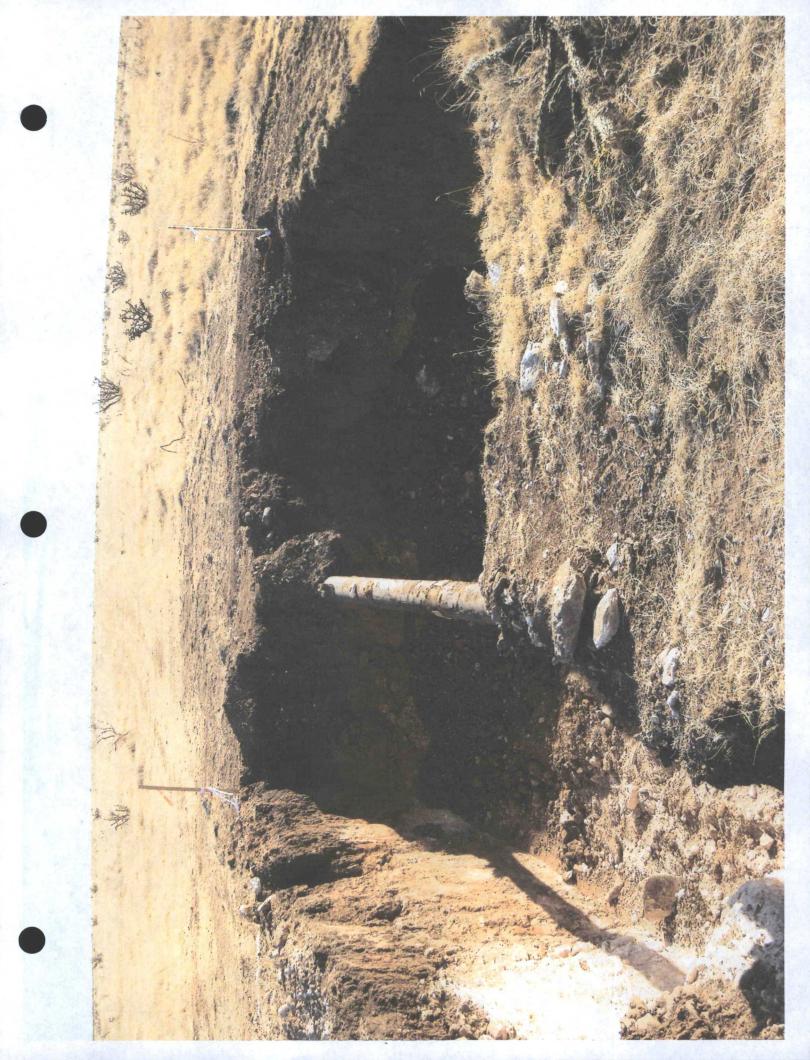
GPS LAT & LON NAD27 N32.892754 / W103.440168

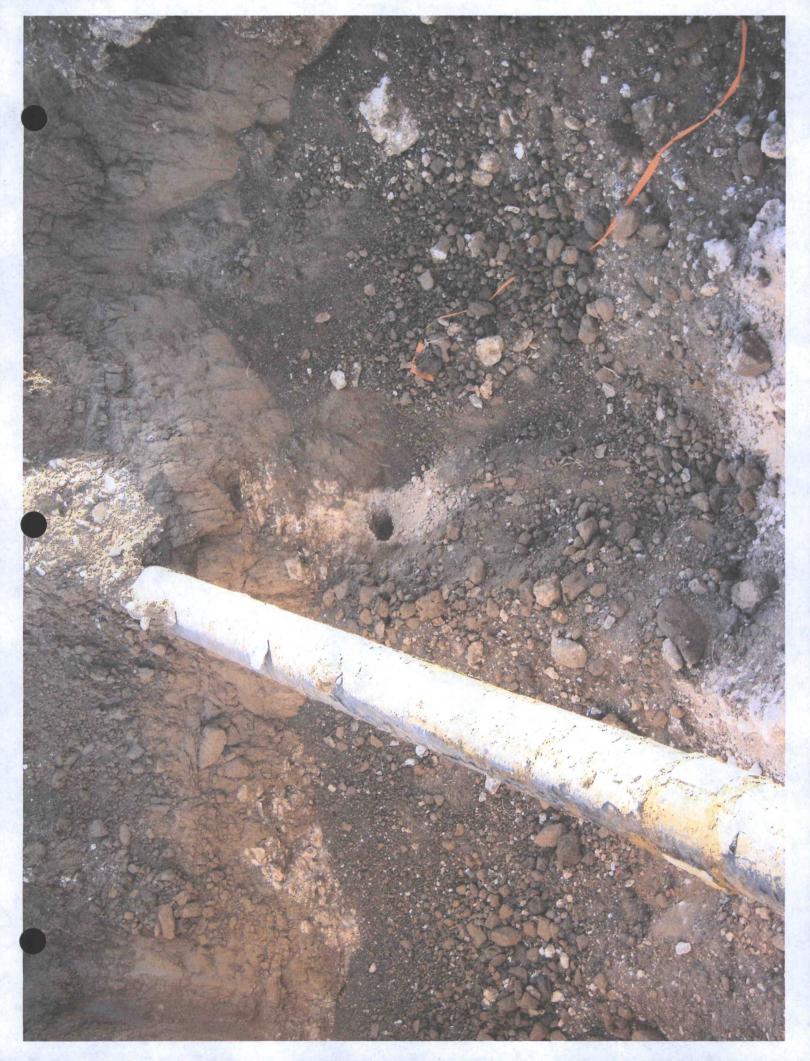
DTW: 52.8'BGS WINDMILL 3780' SE OF SITE

			16.
DI	EPTH TO GR	OUND WATE	2
(Vertical distance from contain	minants to seasonal h	nigh water elevation of	ground water.)
Less than 50' BGS	(20 points)		
50' to 99' BGS	(10 points)		
Greater than 100' BGS	(0 points)	20	
WI	ELLHEAD PRO	OTECTION ARE	A
(Less tan 200' from a private	domestic water source	e, or; less than 1000' fr	om all other water sources
YES	(20 points)		
NO	(0 points)	0	
DISTA	NCE TO SURI	FACE WATER B	ODY
(Horizontal distance to perent	nial lakes, ponds, rive	ers, streams, creeks, irri	gation canals, and ditches)
Less than 200'	(20 points)		
200' to 1000'	(10 points)		
Greater than 1000'	(0 points)	0	
RANKING SCOR	E TOTAL POINTS	20	
CLEAN - UP TARG	ET CONCENT	RATIONS 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.











November 29, 2010

RALPH ENGLAND

TARGA MIDSTREAM - LOVINGTON

P. O. BOX 1689

LOVINGTON, NM 88260

RE: EIDSON RANCH

Enclosed are the results of analyses for samples received by the laboratory on 11/19/10 12:00.

Cardinal Laboratories is accredited through Texas NELAP for:

Method SW-846 8021

Benzene, Toluene, Ethyl Benzene, and Total Xylenes

Method SW-846 8260

Benzene, Toluene, Ethyl Benzene, and Total Xylenes

Method TX 1005

Total Petroleum Hydorcarbons

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

Cardinal Laboratories is accreditated 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



TARGA MIDSTREAM - LOVINGTON RALPH ENGLAND P. O. BOX 1689 **LOVINGTON NM, 88260** Fax To: (575) 396-7702

Received:

11/19/2010

Reported:

11/29/2010

Project Name: Project Number: **EIDSON RANCH** NONE GIVEN

Project Location:

LEA CO., LC-61

Sampling Date:

11/19/2010

Sampling Type:

Soil

Sampling Condition:

Cool & Intact

Sample Received By:

Jodi Henson

Sample ID: #1 EAST (H021346-01)

BTEX 8260B	mg/	kg	Analyze	d By: CMS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.100	0.100	11/25/2010	ND	2.28	114	2.00	1.13	
Toluene*	<0.100	0.100	11/25/2010	ND	2.15	108	2.00	0.572	
Ethylbenzene*	<0.100	0.100	11/25/2010	ND	2.28	114	2.00	0.832	
Total Xylenes*	<0.300	0.300	11/25/2010	ND	7.00	117	6.00	0.643	
Surrogate: Dibromofluoromethane	89.0	% 80-120	, ,-b /						
ogate: Toluene-d8	90.9	% 80-120							
Surrogate: 4-Bromofluorobenzene	92.4	% 80-120							
TPH 8015M	mg/	kg	Analyze	d By: AB			100	364	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	11/25/2010	ND	204	102	200	15.6	
DRO >C10-C28	24.2	10.0	11/25/2010	ND	201	100	200	8.12	
Surrogate: 1-Chlorooctane	87.3	% 70-130		17 - 4					
Surrogate: 1-Chlorooctadecane	84.4	% 70-130							

Cardinal Laboratories

*=Accredited Analyte

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Received:

11/19/2010

Reported:

11/29/2010

Project Name: Project Number: EIDSON RANCH NONE GIVEN

Project Location:

LEA CO., LC-61

Sampling Date:

: 11/19/2010

Sampling Type:

Soil

Sampling Condition:

Cool & Intact

Sample Received By:

Jodi Henson

Sample ID: #1 WEST (H021346-02)

BTEX 8260B	mg/	kg	Analyze	d By: CMS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.100	0.100	11/25/2010	ND	2.28	114	2.00	1.13	
Toluene*	<0.100	0.100	11/25/2010	ND	2.15	108	2.00	0.572	
Ethylbenzene*	<0.100	0,100	11/25/2010	ND	2.28	114	2.00	0.832	
Total Xylenes*	<0.300	0.300	11/25/2010	ND	7.00	117	6.00	0.643	
Surrogate: Dibromofluoromethane	90.99	% 80-120							
ogate: Toluene-d8	91.09	% 80-120							
Surrogate: 4-Bromofluorobenzene	94.3 9	% 80-120							
TPH 8015M	mg/	kg	Analyze	d By: AB				9. F.	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	11/25/2010	ND	204	102	200	15.6	
DRO >C10-C28	<10.0	10.0	11/25/2010	ND	201	100	200	8.12	
Surrogate: 1-Chlorooctane	74.6 %	% 70-130	2169						
Surrogate: 1-Chlorooctadecane	73.9 9	% 70-130							

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TARGA MIDSTREAM - LOVINGTON RALPH ENGLAND P. O. BOX 1689 LOVINGTON NM, 88260 Fax To: (575) 396-7702

Received:

11/19/2010

Reported:

11/29/2010

Project Name: Project Number: **EIDSON RANCH** NONE GIVEN

Project Location:

LEA CO., LC-61

Sampling Date:

11/19/2010

Sampling Type:

Soil

Sampling Condition:

Cool & Intact

Sample Received By:

Jodi Henson

Sample ID: #2 EAST (H021346-03)

BTEX 8260B	mg/	kg	Analyze	d By: CMS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.100	0.100	11/25/2010	ND	2.28	114	2.00	1.13	
Toluene*	<0.100	0.100	11/25/2010	ND	2.15	108	2.00	0.572	
Ethylbenzene*	<0.100	0.100	11/25/2010	ND	2.28	114	, 2.00	0.832	
Total Xylenes*	<0.300	0.300	11/25/2010	ND	7.00	117	6.00	0.643	
Surrogate: Dibromofluoromethane	87.6	% 80-120		4 1975					
rogate: Toluene-d8	90.3 9	% 80-120							
Surrogate: 4-Bromofluorobenzene	97.7 9	% 80-120							
TPH 8015M	mg/	kg	Analyze	d By: AB					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	11/25/2010	ND	204	102	200	15.6	
DRO >C10-C28	<10.0	10.0	11/25/2010	ND	201	100	200	8.12	
Surrogate: 1-Chlorooctane	53.8 9	% 70-130	-7-E						
Surrogate: 1-Chlorooctadecane	57.5 9	% 70-130							

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11/19/2010

Reported:

11/29/2010

Project Name: Project Number: **EIDSON RANCH** NONE GIVEN

Project Location:

LEA CO., LC-61

Sampling Date:

11/19/2010

Sampling Type:

Soil

Sampling Condition: Sample Received By: Cool & Intact

Jodi Henson

Sample ID: #2 WEST (H021346-04)

BTEX 8260B	mg/	kg	Analyze	d By: CMS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.100	0.100	11/25/2010	ND	2.28	114	2.00	1.13	
Toluene*	<0.100	0.100	11/25/2010	ND	2.15	108	2.00	0.572	
Ethylbenzene*	<0.100	0.100	11/25/2010	ND	2.28	114	2.00	0.832	
Total Xylenes*	<0.300	0.300	11/25/2010	ND	7.00	117	6.00	0.643	
Surrogate: Dibromofluoromethane	95.2	% 80-120		10					
rogate: Toluene-d8	92.6	% 80-120							
Surrogate: 4-Bromofluorobenzene	95.4	% 80-120							
TPH 8015M	mg/	kg	Analyze	d By: AB					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	11/25/2010	ND	204	102	200	15.6	
DRO >C10-C28	<10.0	10.0	11/25/2010	ND	201	100	200	8.12	
Surrogate: 1-Chlorooctane	84.5	% 70-130					had been had		
Surrogate: 1-Chlorooctadecane	84.8	% 70-130							

Cardinal Laboratories

*=Accredited Analyte

never shall be deemed waived unless made in writing and received by Cardinal 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, reg



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Received:

11/19/2010

Reported:

11/29/2010

Project Name: Project Number: **EIDSON RANCH** NONE GIVEN

Project Location:

LEA CO., LC-61

Sampling Date:

11/19/2010

Sampling Type:

Soil

Sampling Condition:

Cool & Intact

Sample Received By:

Jodi Henson

Sample ID: #3 EAST (H021346-05)

BTEX 8260B	mg/	/kg	Analyze	d By: CMS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.100	0.100	11/25/2010	ND	2.28	114	2.00	1.13	
Toluene*	<0.100	0.100	11/25/2010	ND	2.15	108	2.00	0.572	
Ethylbenzene*	<0.100	0.100	11/25/2010	ND	2.28	114	2.00	0.832	
Total Xylenes*	<0.300	0.300	11/25/2010	ND	7.00	117	6.00	0.643	
Surrogate: Dibromofluoromethane	93.4	% 80-120							
rogate: Toluene-d8	91.1	% 80-120							
Surrogate: 4-Bromofluorobenzene	93.9	% 80-120							
TPH 8015M	mg/	'kg	Analyze	ed By: AB					14
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	11/25/2010	ND	204	102	200	15.6	
DRO >C10-C28	<10.0	10.0	11/25/2010	ND	201	100	200	8.12	
Surrogate: 1-Chlorooctane	96.2	% 70-130		41.5					1.95
Surrogate: 1-Chlorooctadecane	96.1	% 70-130							

Cardinal Laboratories

*=Accredited Analyte

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TARGA MIDSTREAM - LOVINGTON RALPH ENGLAND P. O. BOX 1689 LOVINGTON NM, 88260 Fax To: (575) 396-7702

Received:

11/19/2010

Reported:

11/29/2010

Project Name: Project Number: EIDSON RANCH NONE GIVEN

Project Location:

LEA CO., LC-61

Sampling Date:

11/19/2010

Sampling Type:

Soil

Sampling Condition:

Cool & Intact

Sample Received By: Jodi

Jodi Henson

Sample ID: #3 WEST (H021346-06)

BTEX 8260B	mg/	/kg	Analyze	d By: CMS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.100	0.100	11/25/2010	ND	2.28	114	2.00	1.13	
Toluene*	<0.100	0.100	11/25/2010	ND	2.15	108	2.00	0.572	
Ethylbenzene*	<0.100	0.100	11/25/2010	ND	2.28	114	2.00	0.832	
Total Xylenes*	<0.300	0.300	11/25/2010	ND	7.00	117	6.00	0.643	
Surrogate: Dibromofluoromethane	90.2	% 80-120					1.19	-	, , , ,
rogate: Toluene-d8	88.5	% 80-120							
Surrogate: 4-Bromofluorobenzene	93.6	% 80-120							
TPH 8015M	mg/	/kg	Analyze	d By: AB					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	11/25/2010	ND	204	102	200	15.6	
DRO >C10-C28	<10.0	10.0	11/25/2010	ND	201	100	200	8.12	
Surrogate: 1-Chlorooctane	86.8	% 70-130							
Surrogate: 1-Chlorooctadecane	89.0	% 70-130							

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Notes and Definitions

S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

- Chloride by SM4500Cl-B does not require samples be received at or below 6°C

Insufficient time to reach temperature.

Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

*=Accredited Analyte

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

0 0 0 0 0 0 0 0 0

(A10) And			
roject Manager:	Dawnders Pland	P.O. #:	ANALYSIS REQUEST
O	٥	Company:	0
ity: Louington state	State: NJM Zip: 3882100	Attn:	Pay S
hone #: 390-322 Fax #:		Address:	1/2
roject #: Projec	Project Owner:	City:	5 6
me Fidson K	Chango Cleanus	State: Zip:	la
roject Location: Lea Co.	LC: 61	Phone #:	deu
ampler Name: ATTYPOO C	prol	Fax #:	1 de
FOR LAB USE ONLY	MATRIX	PRESERV. SAMPLING	*'
Lab I.D. Sample I.D.	(G)RAB OR (C)OMF # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE	OTHER: ACID/BASE: ICE / COOL OTHER:	TPH
21346-11 #1 East	-	OIPIN	ISDO I I I I I I I I I I I I I I I I I I I
2 #1 West	-		
3 #7 Fast	-		
4 #2 west	-		
O # 12 Floss	-		
6 # % West		-	
ayses. All claims including those for negligence and any other cause whatsoever shall be deemed walved unless made in writing and received by Cardinal within 30 days after completion of the applicable vive. In no event shall Cardinal be liable for incidental or consequental damages, including without limitation, business instruptions, loss of use, or loss of profits incurred by client, its subsidiaries, including a successors shall cardinal or so related to the conformance of services hereunder by Cardinal, reaccides of whether such claims in bessed uson any of the above stated reasons or ortherwises.	ever shall be deemed walved unless made in writing an ges, including without limitation, business interruptions, ireunder by Cardinal, recardless of whether such claim	d received by Cardinal within 30 days after con loss of use, or loss of profits incurred by client is based upon any of the above stated reason	r completion of the applicable flexity, its authorities, soons or otherwise.
elinquished By: Other ornal Time: Other ornal Time: Other ornal Time:	Regeived By: Regeived By:		Emb
Delivered By: (Circle One)	Sample, Condition	CHECKED BY:	demondatoros resources com
ampler - UPS - Bus - Other:	Tyes El Yes	Antenda	Rengland offergaresources, com

Sampler - UPS - Bus - Other:

刀雪雪里



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 Hydorcarbons

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

Cardinal Laboratories is accreditated 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



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: Project Number: T E R LC-61

Project Location:

NONE GIVEN LOVINGTON, NM Sampling Date:

12/29/2010

Sampling Type:

Water

Sampling Condition:

Sample Received By:

** (See Notes)

Jodi Henson

Sample ID: WINDMILL EIDSON (H021621-01)

BTEX 8021B	mg/l		Analyze	d By: CMS		14.75			
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							
oride, SM4500CI-B	mg/l		Analyze	d By: CK				A	
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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*=Accredited Analyte

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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 SM4500CFB does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

*=Accredited Analyte

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* ARDINAL 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.
Atheres: Address:	KOY K. KASCON
Address: State: Zip: Ctty: Ctt	Zip:
City: X CL X BTEX CATS & ANS CATS & AN	
State: Zip: X CL- Phone #:	
MATRIX ATRIX ATRIX ATRIX BATEX CATS & AUS CATS & AUS CATS & AUS TIME OTHER: A ACID/BASE: A CID/BASE: A ACID/BASE: SOIL SOIL TPH 418.1	TERLC-61
	LOVINGTON
LIPH 418.1 X CL. NHEX NHEX NHEX NHEX NHEK	ROY R. RASCON
LEH 4181 S CT S CT S CT S CT S CT CV12 & VA2 CV12	.q
X X 12/29/10 1130 X X X X X X X X X X X X X X X X X X X	(G)RAB OR (C)OM # CONTAINERS BROUNDWATER

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| Phone Result: Yes No | Add'l Phone #: Date: / Received Bv:

Fax Result: Yes No Add'l Fax #: REMARKS: PLEASE E-MAIL TO: royr, mikeg,	HECKED BY: elliotw, & mcgriffin@vadose.us
Godi Lenson	Sample Condition Cool Ves Lyes Cool Ves Lyes
Relinquished By: 12 2 5 5 C Time; 18 KeV R. RASCON X. K. J. C.C. Shed By: Date: Time; 18	Delivered By: (Circle One) sampler - UPS - Bus - Other;

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

426



January 12, 2011

ROY R. RASCON

WHOLE EARTH ENVIRONMENTAL, INC.

2103 ARBOR COVE

KATY, TX 77494

RE: T E R LC-61 #3

Enclosed are the results of analyses for samples received by the laboratory on 01/05/11 8:41.

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 Hydorcarbons

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

Cardinal Laboratories is accreditated 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



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

01/05/2011

Reported: 01/12/2011

Project Name: TER LC-61 #3 Project Number: NONE GIVEN

Project Location: LOVINGTON, NEW MEXICO Sampling Date:

Sample Received By:

01/04/2011 Sampling Type: Soil

Sampling Condition:

Cool & Intact

Jodi Henson

Sample ID: NORTH WALL (H100010-01)

Received:

BTEX 8021B	mg/	kg	Analyze	d By: CMS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/11/2011	ND	1.61	80.7	2.00	2.68	
Toluene*	<0.050	0.050	01/11/2011	ND	1.68	84.1	2.00	4.74	
Ethylbenzene*	<0.050	0.050	01/11/2011	ND	1.86	92.9	2.00	5.30	
Total Xylenes*	<0.150	0.150	01/11/2011	ND	5.78	96.4	6.00	5.47	

8015M	mg	/kg	Analyze	d By: AB					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	01/07/2011	ND	193	92.8	208	14.5	
DRO >C10-C28	<10.0	10.0	01/07/2011	ND	177	85.4	208	4.19	

Surrogate: 1-Chlorooctane 98.1 % 70-130 Surrogate: 1-Chlorooctadecane 98.8 % 70-130

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*=Accredited Analyte

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

Received:

01/05/2011

Reported:

01/12/2011

Project Name: Project Number: TER LC-61 #3

Project Location:

NONE GIVEN

LOVINGTON, NEW MEXICO

Sampling Date:

01/04/2011

Sampling Type:

Soil

Sampling Condition:

Cool & Intact

Sample Received By:

Jodi Henson

Sample ID: SOUTH WALL (H100010-02)

BTEX 8021B	mg/	kg	Analyze	d By: CMS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/11/2011	ND	1.61	80.7	2.00	2.68	
Toluene*	<0.050	0.050	01/11/2011	ND	1.68	84.1	2.00	4.74	
Ethylbenzene*	<0.050	0.050	01/11/2011	ND	1.86	92.9	2.00	5.30	
Total Xylenes*	<0.150	0.150	01/11/2011	ND	5.78	96.4	6.00	5.47	
Surrogate: 4-Bromofluorobenzene (PIL	109 5	% 70-130							
8015M	mg/	/kg	Analyze	d By: AB					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	01/07/2011	ND	193	92.8	208	14.5	
DRO >C10-C28	<10.0	10.0	01/07/2011	ND	177	85.4	208	4.19	
Surrogate: 1-Chlorooctane	101	% 70-130						15	THE W
Surrogate: 1-Chlorooctadecane	105	% 70-130							

Cardinal Laboratories

*=Accredited Analyte

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, ding, 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



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

Fax To:

(281) 394-2051

Received:

01/05/2011

Reported:

01/12/2011 TER LC-61 #3

Project Name: Project Number:

NONE GIVEN

Project Location:

LOVINGTON, NEW MEXICO

Sampling Date:

Soil

Sampling Type:

Sampling Condition: Sample Received By: Cool & Intact

01/04/2011

Jodi Henson

Sample ID: BOTTOM 22' W X 24' L X 10' D (H100010-03)

BTEX 8021B	mg/	kg	Analyze	d By: CMS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/11/2011	ND	1.61	80.7	2.00	2.68	
Toluene*	<0.050	0.050	01/11/2011	ND	1.68	84.1	2.00	4.74	
Ethylbenzene*	<0.050	0.050	01/11/2011	ND	1.86	92.9	2.00	5.30	
Total Xylenes*	<0.150	0.150	01/11/2011	ND	5.78	96.4	6.00	5.47	
Surrogate: 4-Bromofluorobenzene (PIL	112	% 70-130					2 1 1		
oride, SM4500Cl-B	mg	kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	01/05/2011	ND	448	112	400	3.64	
TPH 8015M	mg	kg	Analyze	d By: AB					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	01/07/2011	ND	193	92.8	208	14.5	
DRO >C10-C28	<10.0	10.0	01/07/2011	ND	177	85.4	208	4.19	
Surrogate: 1-Chlorooctane	92.6	% 70-130		*	V 11				
Surrogate: 1-Chlorooctadecane	94.4	% 70-130							

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*=Accredited Analyte

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 darding, 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



Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

Chloride by SM4500Cl-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

*=Accredited Analyte

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(325) 673-7001 FAX (325)673-7020 (505) 393-2326 FAX (505) 393-2476

Company Name:	WHOLE EARTH ENVIRONMENTAL INC.	HEN	VIRON	MENT	ALIN	C.					BI	BILL TO	90	- 41				ANA	YSIS	ANALYSIS REQUEST	SST				Γ
Project Manager:	RO	JY R.	ROY R. RASCON	Z					P.O. #:						-	-	H	L	L		r	-	-	H	Г
Address:	**************************************								Company:	ny:														-	
City:	State:		Zip:					7	Attn:													-	_		-
Phone #:	Fax#:								Address:	**									Maryan			-			
Project Owner:									City:													-		_	
Project Name:	TE	TER LC-61#3	-61 #3					-	State:		Zip:			Γ								-		-	
Project Location:	.07	VING	LOVINGTON, NM	(M					Phone #:	**					-										
Sampler Name:	ROY	R. R	ROY R. RASCON						Fax#:					Γ			_					-			
		d	100	L		MATRIX	IX			PRESERV	RV.	S	SAMPLING	S	_	-	_					_		-	
FOR LAB USE ONLY LAB ID #	SAMPLE I.D.	ACCO, aC a vaco)	# CONTAINERS	GROUNDWATER	WASTEWATER	ROIL	OIL	STADGE	отнек:	VCID/BYSE:	ICE / COOP	отнек:	DATE T	TIME	CATS & AUS	PH	CI-	1.814 HqT	WS108		T Ale				
H100010-1	N. WALL	-	G			-				-	-	-	-	312	-	+	+		-				+	+	T
2	S. WALL		G			×					×	1/4	-	317		×			×				-	-	Γ
w	Bottom 22'wx24'lx10'd	+	5	-	-	×					×	1/4	1/4/11	303	H	×	X		×					H	П
		+	+	+	+	1					+	+	+	1	+	+		1			1	+	+	+	T
		+	-	+	-				1	1	-	-	+	1	+	+	-	-			T	\dagger	+	+	T
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Relinquished By: ROY R. RASCON

Date:

Result: Yes No Add'l Fax #:

CHEOKED BY: Sample Condition Date: Time: Delivered By: (Circle One) Relinquished By

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

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

Sampler - UPS - Bus - Other:

Intact

Copl



June 14, 2011

NMOCD 1625 No. French Dr. Hobbs, NM 88241

Attn: Geoffrey Leking

Reference: 1RP-11-10-2648 Targa Eidson Ranch LC-61 #3

Dear Mr. Leking:

Enclosed, please find a final copy of our remediation report for the Targa Midstream Services L.P. Eidson Ranch LC-61 #3 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.