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

			Rele	ease Notific	catior	and Co	orrective A	ction	1	<u>.</u>			
						OPERATOR Initial Report							
Name of Co						Contact: James Lingnau							
Address: P.				1			No.: 575.394.2			=1			
Facility Nar	ne: Eunic	e Middle Pla	ant			Facility Typ	e: Compressor	Station	t				
Surface Ow	ner: Targa	1		Mineral C)wner: '	Targa			Lease N	Jo.			
				LOCA	TIO	N OF REI	LEASE	API	30	.025. 2	21497		
Unit Letter	Section 3	Township 22S	Range 37E	Feet from the	North/	South Line	Feet from the	East/W	Vest Line	County Lea			
						n							
Latitude <u>N32.425034</u> Longitude <u>W103.147566</u>													
NATURE OF RELEASE Type of Release: Leaking Oil Filter Connections Volume of Release N/A 5BBC Volume Recovered N/A - O -													
			onnections	3									
Source of Rel Was Immedia							lour of Occurrenc Whom? N/A	e N/A	Date and	Hour of Dis	covery N/A		
was immedia	ne nonce (es 🗌 1	lo X Not Requi	red		4, Z. L		on le	TARGA	FUNKAG		
By Whom: N	/Δ					Date and H	$\frac{1.5}{1000}$		eer of	Invento	CANCE		
Was a Water		hed?					lume Impacting t	he Wate	rcourse.				
			Yes X	No		N/A							
If a Watercou	rse was Im	pacted, Descri	be Fully."	k		.1	· · · · · · · · · · · · · · · · · · ·						
Describe Cau													
Over time, ac	cumulated	leaks and seep	s associat	ed with the comp	ressor ai	r filters accur	nulated on the gro	ound sur	face.				
Describe Are							T 1 10 1						
							Targa landfarm A DCD's review and			f the impact	areas was		
completed on	3-3-10 and	a sampning o	. Temeulai	ion plan is being	proparec		CD S leview and	approva	ai.				
I hereby certi	fy that the i	nformation gi	ven above	is true and comp	lete to th	he best of my	knowledge and u	nderetan	d that nurs	uant to NM	OCD rules and		
							id perform correc						
public health	or the envir	ronment. The	acceptance	e of a C-141 repo	ort by the	NMOCD m	arked as "Final Re	eport" de	oes not reli	eve the oper	rator of liability		
											ter, human health		
or the enviror federal, state,				tance of a C-141	report de	oes not reliev	e the operator of r	responsil	bility for c	ompliance w	onth any other		
icociai, state,			1				OIL CONS	SERV	ATION	DIVISIC)N		
	h()	4			5.19		$\frac{0 \text{ IL COM}}{C}$	-	- Jaku-	****			
Signature:	Con	- (ml	rez	5			-		(*****				
Printed Name	: James Lin	man Dow	ÉMB	REY	4	Approved by	District Supervies	PONME	ENTAL	ENGINEE	R		
Title: Engined	er					Approval Dat	e: 5.25.16) E	Expiration	Date: 7.	26.10		
E-mail Addre		Watargarasco	rees com			Conditions of				1			
L-man Audre	ss. jiingnai	i (wiaigaresou)	CCS.COIII		'		Approvar:	,		Attached	_		
Date: 3-16	-10		Phone: 5	75.394.2534 X	226 😫	JUBMIT FI	NAC . 141 a	>/DOC	5 B9	11Kft	10.5.2542		

* Attach Additional Sheets If Necessary

APM 2665 10(4531934



Whole Earth Environmental, Inc. 2103 Arbor Cove Katy, Tx 77494 281 394.2050 whearth@msn.com

May 3, 2010

Targa Resources 1000 Louisiana Suite 4300 Houston, TX 77002

Attn: Susan Ninan

Dear Mrs. Ninan:

Enclosed, please find a copy of the proposed remediation plan for the Targa Middle plant. The plan was recently discussed with Buddy Hill and Larry Johnson of the NMOCD during a tour of the site hosted by James Lingnau and Cal Wrangham.

All elements of this plan were discussed and approved by Mr. Hill during the visit. We plan to conduct the remediation activities on May 12th or 13th.

I will forward a copy of this plan to Mr. Johnson upon your review and approval.

Warmest personal regards,

Mike Griffin President Whole Earth Environmental, Inc.



Executive Summary Targa Resources Eunice Middle Plant Remediation Plan

Location

The site is located approximately one mile southeast of the City of Eunice, Lea County, New Mexico on fee lands. The facility processes natural gas and related natural gas liquids.

Site History

The facility was originally constructed in the 1940's and was expanded several times over the ensuing decades. Though facility maintenance and cleanup of any spill carries a high importance within the organization, two sources of contamination remained problematic. The first is associated with oil bath air filters used for the compressors. Routine maintenance inevitably causes small releases of hydrocarbons (generally less than one ounce) at each of the filter locations. The second is similar minor but chronic runoff from the compressor building's floor.

Investigation

In the second half of 2009, Targa began excavating all surface stains related to the filter and foundation seeps situated to the south of the compressor building. The affected area is especially congested with approximately fifteen active lines of various sizes, pressures and transported media situated between the surface stains and the building. Manual excavation at the sites proved difficult and potentially quite hazardous. Whole Earth Environmental was contracted to delineate the vertical and lateral extent of contamination.

Using a special auger rig, Whole Earth was able to effectively delineate twelve of the thirteen stained areas and determined that the depth of the contamination at ten of the thirteen sites posed no potential threat to groundwater. Two of the sites, (C-10A & B) will require remediation. Delineation of the final location, C-13 was begun but terminated due to potential safety issues. Based on the limited results obtained from boring C-13 it is presumed that it too will require remediation or other actions to assure groundwater protection.

Remediation

Sites 10-A and B are located directly next to the compressor building foundation. The contaminants of concern have low BTEX percentages and generally fall into the diesel range organic fractions. Though relatively immobile, the concentrations have migrated over time to a minimum depth of twenty feet below ground surface. Removal of the contaminated soils could cause structural weakness of the building and would require working under high pressure, high volume lines.

At the locations described within the protocol PR-136 we will advance a minimum of sixteen bores to a minimum depth of 25' below ground surface. The bores shall be reamed to provide an open channel for their entire length. Care shall be taken to insure that the holes are temporarily capped to prevent any surface water runoff to migrate into them.

Approximately 1,200 gallons of Biodyne Environoc 101 microbial solution, water and fertilizer will be pumped into the bored holes followed by a minimum of 1,000 gallons of water and high nitrate fertilizer. The fluids will be allowed to cover the existing excavations.

The treated area will be covered with a heavy tarp to prevent any surface runoff from entering the bores and left for fourteen days. After the soaking period, samples from each borehole will be collected in accordance with PR-77. All soil samples will be sent to Cardinal Laboratories in Hobbs, New Mexico for analysis of BTEX in accordance with SW-846 8021B and TPH in accordance with SW-846 8015M. If the laboratory analytical results show compliance with the NMOCD ranking criteria standards, each borehole will be grouted to surface and the existing excavations backfilled to ground level.

The areas adjacent to the engine filters will be backfilled to ground level and covered in cement to retard any vertical migration of hydrocarbons in the future. Similarly, the compressor building pad will be augmented to prevent any further runoff from the compressor building floor.

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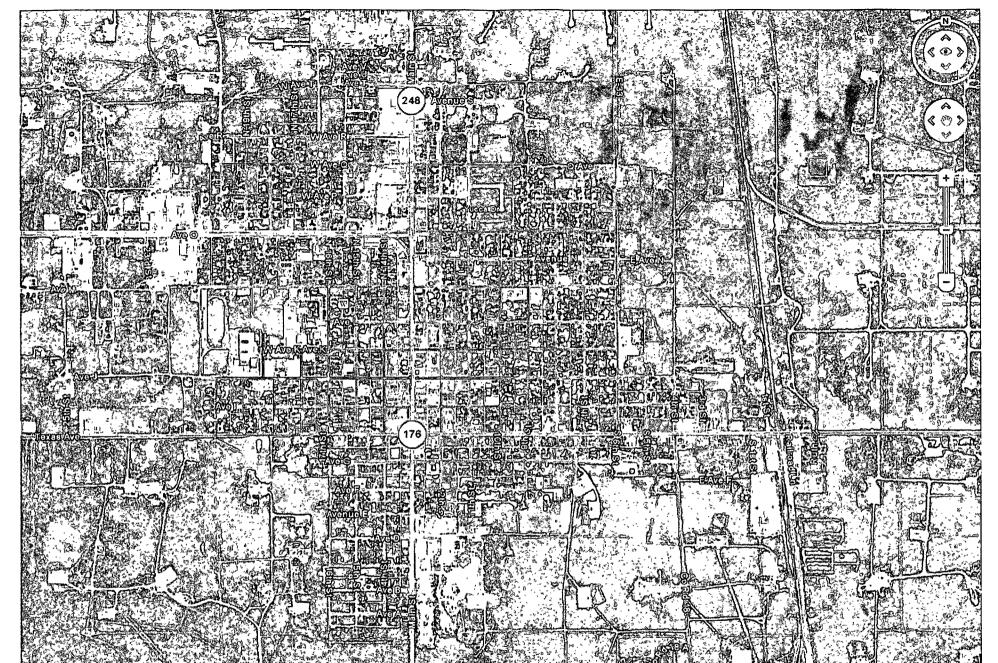
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Exhibit Index

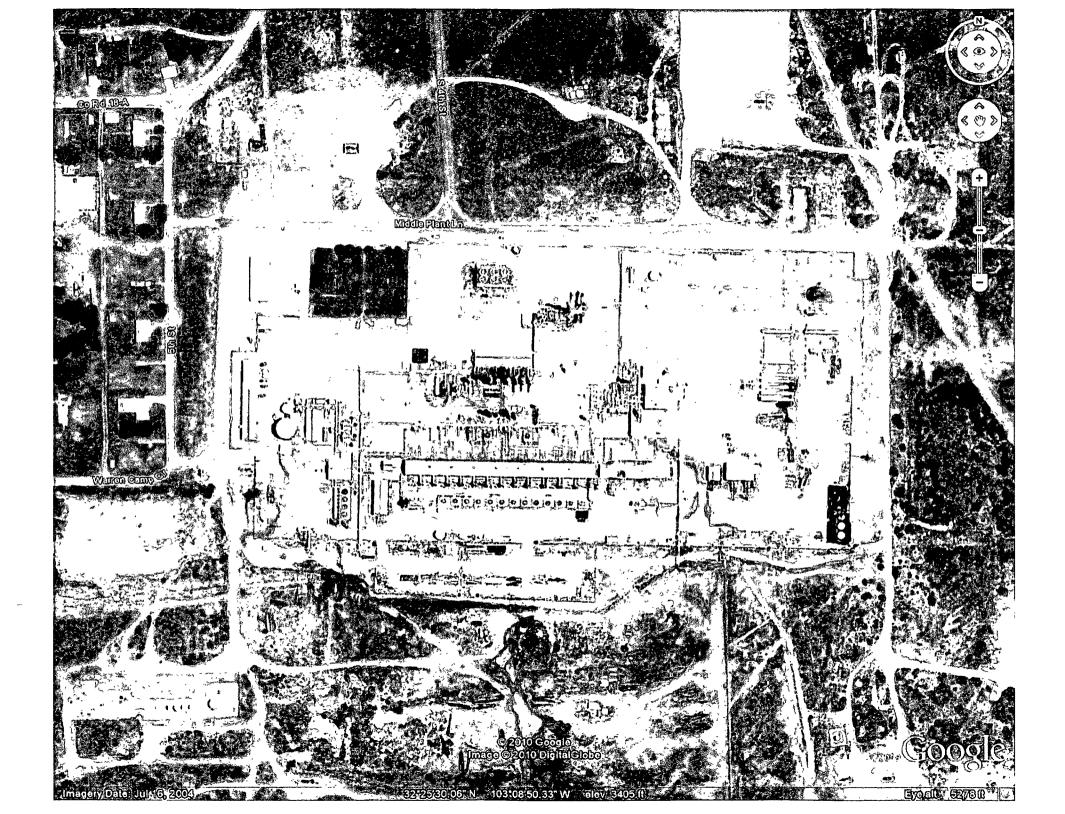
1. Initial C-141

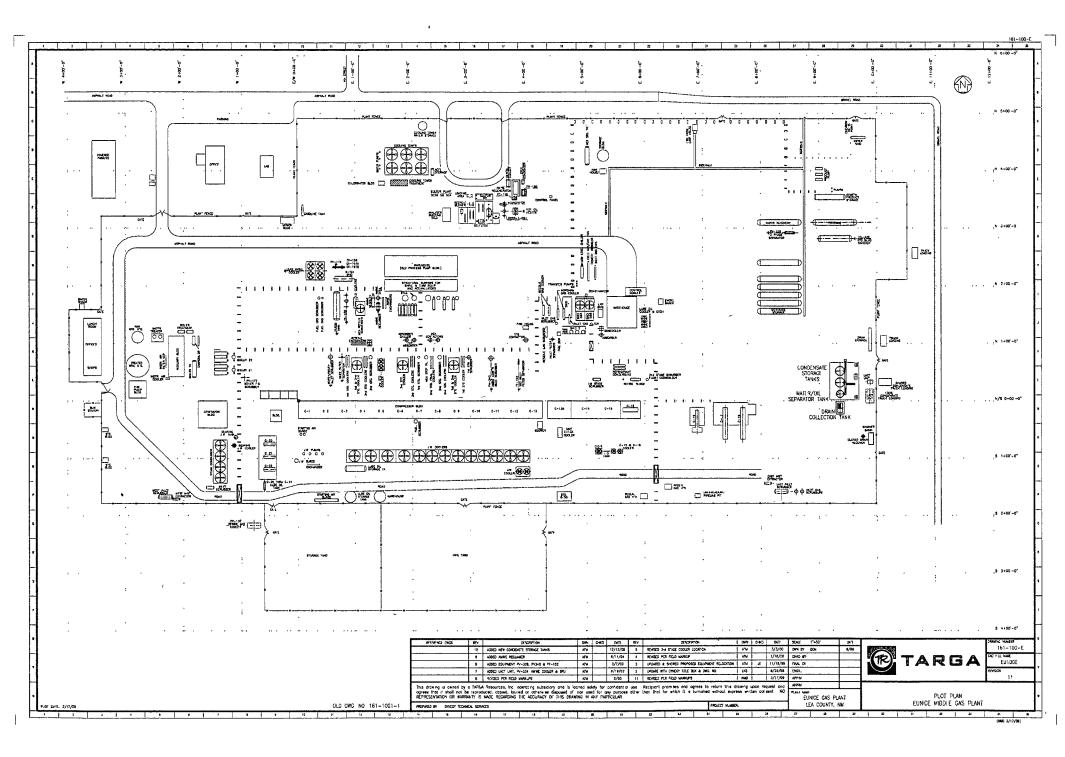
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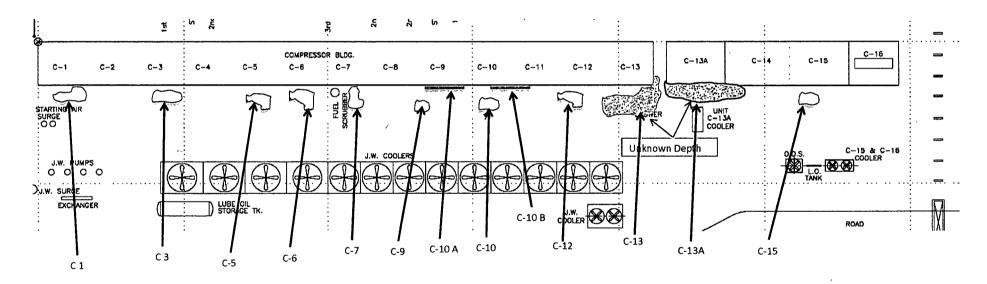
- 2. Satellite Photo Wide Area
- 3. Satellite Photo Plant Detail
- 4. Facility Plat Map
- 5. Sampling Locations Plat map
- 6. C-9 Area Detail
- 7. C-10 Area Detail
- 8. C-10A Area Detail
- 9. C-13 Area Detail
- 10. NMOCD Site Assessment Criteria



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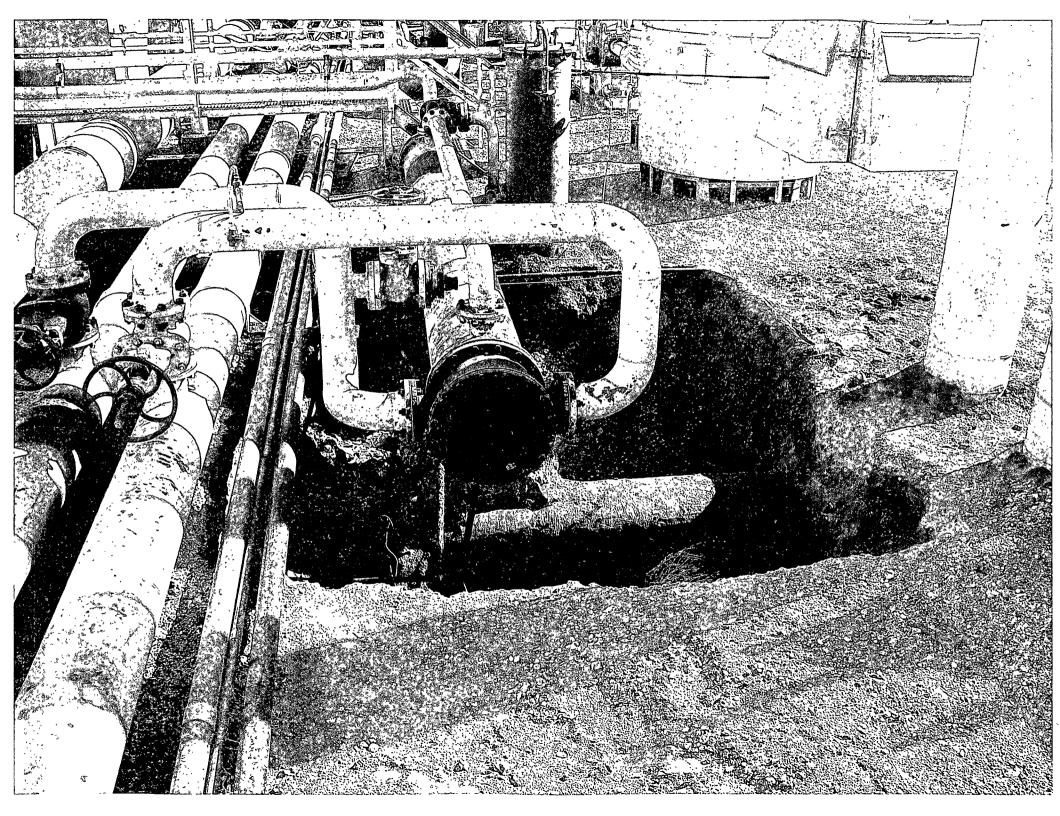


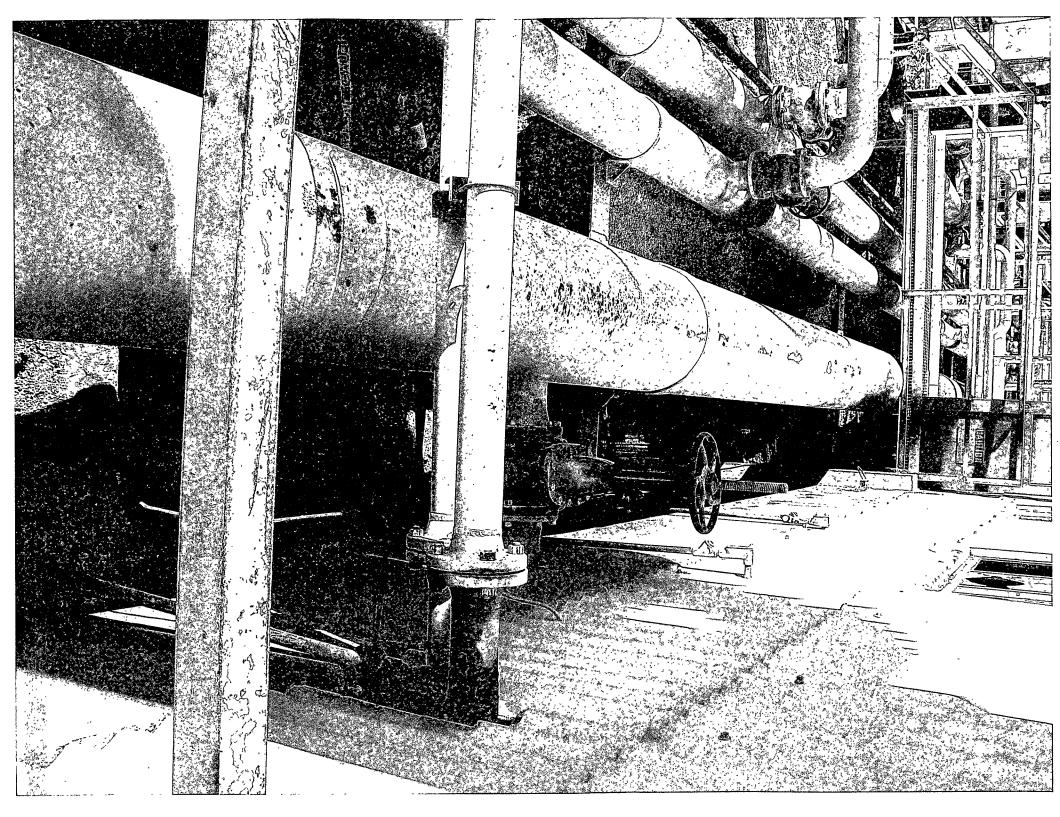
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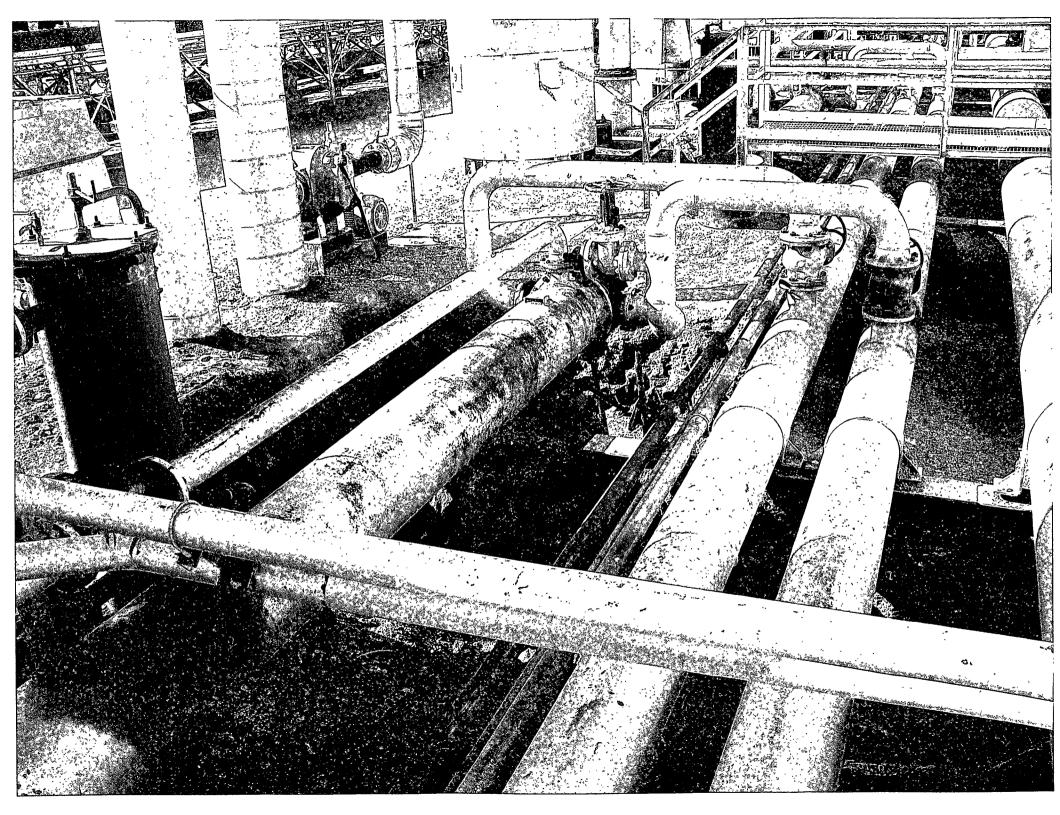
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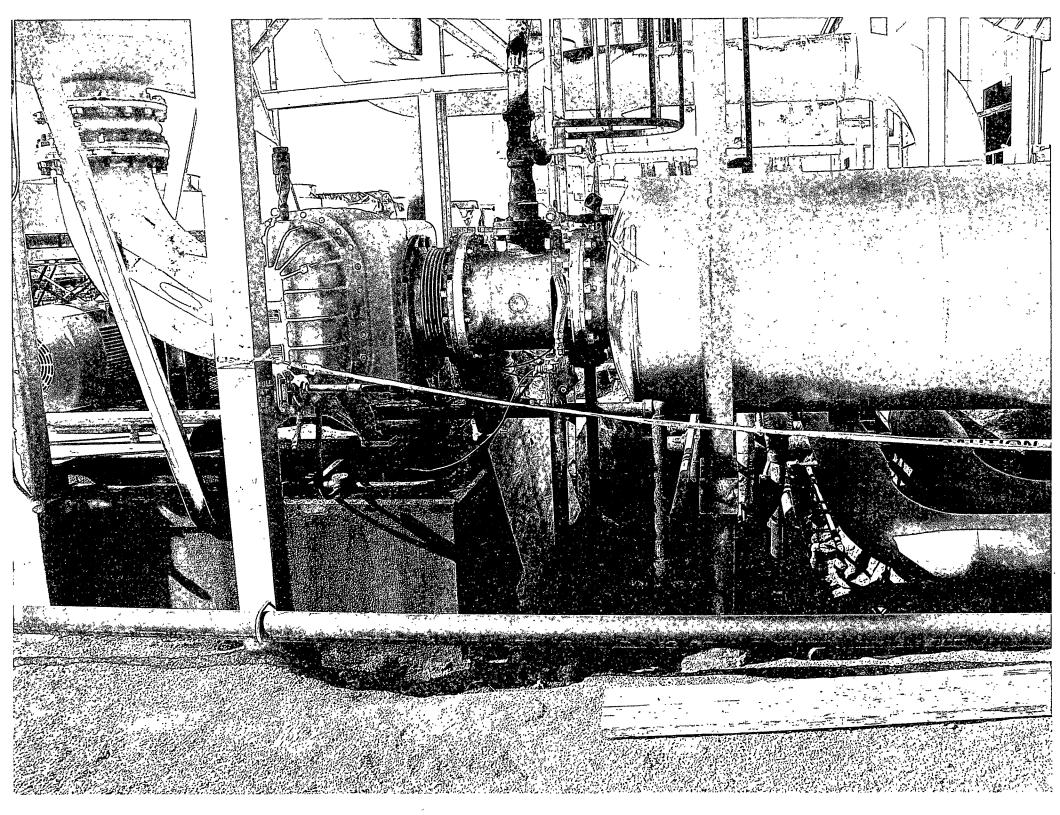
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SITE ASSESMENT CRITERIA (NMOCD)

Targa Resources Eunice Middle Plant

NW/NE1/4 Lot 2, S3, T9S, R28E

Lea County, NM

GPS LAT & LON NAD27 (DECIMAL) N32.425034 / W103.147566

Depth to Groundwater: Approx. 39' bgs

DE	CPTH TO GR	OUND WATE	R	
(Vertical distance from conta	minants to seasonal	high water elevation of	f ground water.)	
Less than 50' BGS	(20 points)			
50' to 99' BGS	(10 points)			
Greater than 100' BGS	(0 points)	20		
WE	LLHEAD PRC	TECTION ARE	A	
Less tan 200' from a private c	lomestic water sourc	e, or; less than 1000' f	rom all other water sou	rces
YES	(20 points)			
NO	(0 points)	20		
DISTA	NCE TO SURF	FACE WATER E	BODY	
Horizontal distance to perenn	ial lakes, ponds, riv	ers, streams, creeks, ir	rigation canals, and dite	hes
Less than 200'	(20 points)		-	
200' to 1000'	(10 points)			
Greater than 1000'	(0 points)	0		
RANKING SCOP	RE TOTAL POINTS	0		
CLEAN - UP TARG	ET CONCENT	RATIONS FOR	"SITE CLOSUR	E"
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 me				5.
** The contaminant concentr	ation for TPH is the	concentration above b	ackground levels.	
			• /	



PR-133A

Targa Resources Eunice South Plant Delineation Protocol

1.0 Purpose

This protocol is to provide a detailed outline of the steps to be employed in the delineation of a stained area adjacent to the compressor building areas of the Eunice South Plant

2.0 Scope

This protocol is site specific for the above stated location.

3.0 Preliminary

Prior to any field operations, Whole Earth Environmental shall conduct the following activities:

3.1 Client Review

- 3.1.1 Whole Earth shall meet with designated personnel within Targa to review this protocol and make any requested modifications or alterations prior beginning any work.
- 3.1.2 Changes to this protocol will be documented and submitted for final review by Targa prior to work commencement.

3.2 NMOCD Review

- 3.2.1 Whole Earth shall meet with designated personnel within the New Mexico Oil Conservation Division (OCD) Hobbs office to review this protocol and make any requested modifications or alterations prior beginning any work.
- 3.2.2 Changes to this protocol will be documented and submitted for final review by NMOCD prior to work commencement.

4.0 Safety

- **4.1** Prior to work on the site, Whole Earth shall obtain the location and phone numbers of the nearest emergency medical treatment facility. We will review all safety-related issues with the appropriate client personnel, sub-contractors and exchange phone numbers.
- **4.2** A tailgate safety meeting shall be held and documented each day. All subcontractors must attend and sign the daily log-in sheet.
- **4.3** Anyone allowed on to location must be wearing sleeved shirts, steel-toed boots, and long pants. Each vehicle must be equipped with two-way communication capabilities. Additional PPE Includes eye protection, hearing protection, fire retardant clothing and other items as may be specified by Targa.
- **4.4** All personnel on location will be required to attend a safety orientation class presented by Targa.

5.0 Delineation

5.1 The boring rig shall core each affected area to a minimum depth of 20' below ground surface. If PID readings indicate potentially high TPH concentrations, the bores shall be advanced to a maximum depth of 30' bgs. Sample shall be collected in accordance with WEQP-77 at intervals of 5'. The samples may be field tested for the presence and relative concentrations of VOC's (volatile organic compounds) in accordance with WEQP-18A and for chlorides in accordance with WEQP-97B. Sampling shall continue until nominal or background concentrations of chlorides and VOC's are obtained through field screening.

5.2 All soil samples will be sent to Cardinal Laboratories in Hobbs, New Mexico for analysis of BTEX in accordance with SW-846 8021B and TPH in accordance with SW-846 8015M. If necessary, chlorides will be tested in accordance with Standard Method 4500 Cl-B.

6.0 Documentation & Reporting

At the conclusion of the pit remediation project, Whole Earth will prepare a closure report to include the following information:

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- A plat map of the location showing the location of the area of investigation, location and orientation of the borings and the presence of other adjacent structures
- Photographs of the affected area prior to delineation
- Laboratory analytical reports
- Disposal manifests of all soils or fluids transported to commercial disposal

4.0 Safety

- **4.1** Prior to work on the site, Whole Earth shall obtain the location and phone numbers of the nearest emergency medical treatment facility. We will review all safety-related issues with the appropriate client personnel, sub-contractors and exchange phone numbers.
- **4.2** A tailgate safety meeting shall be held and documented each day. All subcontractors must attend and sign the daily log-in sheet.
- **4.3** Anyone allowed on to location must be wearing sleeved shirts, steel-toed boots, and long pants. Each vehicle must be equipped with two-way communication capabilities. Additional PPE Includes eye protection, hearing protection, fire retardant clothing and other items as may be specified by Targa.
- **4.4** All personnel on location will be required to attend a safety orientation class presented by Targa.

5.0 Remediation

- **5.1** At the locations described within this protocol as locations 10-A and 10-B (see exhibit 5) MMX shall advance a minimum of sixteen bores to a minimum depth of 25' below ground surface. The bores shall be reamed to provide an open channel for their entire length. Care shall be taken to insure that the holes are temporarily capped to prevent any surface water runoff to migrate into them.
- **5.2** Approximately 1,200 gallons of Biodyne Environoc 101 microbial solution, water and fertilizer will be pumped into the bored holes followed by a minimum of 1,000 gallons of water and high nitrate fertilizer. The fluids will be allowed to cover the existing excavations.
- **5.3** The treated area will be covered with a heavy tarp to prevent any surface runoff from entering the bores and left for fourteen days.
- 5.4 After the soaking period samples from each borehole will be collected in accordance with PR-77. All soil samples will be sent to Cardinal Laboratories in Hobbs, New Mexico for analysis of BTEX in accordance with SW-846 8021B and TPH in accordance with SW-846 8015M.
- **5.5** If the laboratory analytical results show compliance with the NMOCD ranking criteria standards, each borehole will be grouted to surface and the existing excavations backfilled to ground level.

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6.0 Documentation & Reporting

At the conclusion of the pit remediation project, Whole Earth will prepare a closure report to include the following information:

- Photographs of the affected area prior to delineation
- Laboratory analytical reports

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• MSDS of the treatment materials



PR-136

Targa Resources Eunice Middle Plant Delineation Protocol

1.0 Purpose

This protocol is to provide a detailed outline of the steps to be employed in the delineation of a stained area adjacent to the compressor building areas of the Eunice Middle Plant

2.0 Scope

This protocol is site specific for the above stated location.

3.0 Preliminary

Prior to any field operations, Whole Earth Environmental shall conduct the following activities:

3.1 Client Review

- 3.1.1 Whole Earth shall meet with designated personnel within Targa to review this protocol and make any requested modifications or alterations prior beginning any work.
- 3.1.2 Changes to this protocol will be documented and submitted for final review by Targa prior to work commencement.

3.2 NMOCD Review

- 3.2.1 Whole Earth shall meet with designated personnel within the New Mexico Oil Conservation Division (OCD) Hobbs office to review this protocol and make any requested modifications or alterations prior beginning any work.
- 3.2.2 Changes to this protocol will be documented and submitted for final review by NMOCD prior to work commencement.



Analytical Section Index Targa Middle Plant

- A. Analytical Summary
- B. Sampling Locations
- C. QP-18A VOC Sampling Protocol
- D. QP-77 Soil Sampling Protocol
- E. QP-97 Field Chloride Titration Protocol
- F. Laboratory Analyticals

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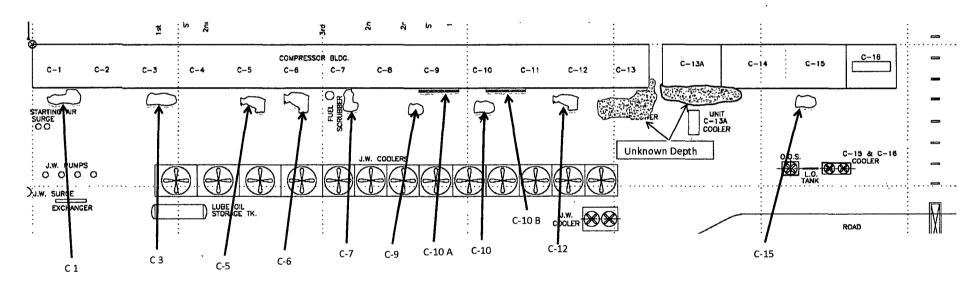
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Targa Middle Plant Field & Laboratory Analytical Summary

Location	Date	Lab. No.	Depth	PID	GRO	DRO	Вепzепе	Toluene	Ethylbenzene	Xylene
C-1	01/26/10	H19150-1	55"	2.7	<10	3,900	<.050	<.050	<.050	<.300
C-1	01/26/10	H19150-2	79"	9.4	<10	4,080	<.050	<.100	<.050	<.300
C-1-2	01/26/10	H19150-3	6'	12.4	<10	3,910	<.050	<.100	<.050	<.300
C-1-3	01/26/10	H19150-4	6'	17.4	24.3	4,380	<.050	<.100	<.050	<.300
C-1-4	01/26/10	H19150-5	5'	0.0	<10	74	<.050	< 050	<.050	<.300
C-1	03/03/10	H19370-1	.15'	2.5	<10	12	N/A	N/A	N/A	N/A
C-1	03/03/10	H19370-2	20'	4.1	<10	50	N/A	N/A	N/A	N/A
			,							
C-3		H19370-3	15'	5.1	<10	<10	N/A	N/A	N/A	N/A
<u>C-3</u>	03/03/10	H19370-4	20'	3.2	<10	<10	N/A	N/A	N/A	N/A
C-5		H19379-3	15'	13.5	<10	125	N/A	N/A	N/A	N/A
C-5		H19379-4	20'	13.2	<10	257	N/A	N/A	N/A	N/A
C-5	03/04/10	H19400-3	25'	14.2	<10	169	<.050	<.050	<.050	<.300
C-5	03/04/10	H19400-4	30'	15.2	<10	106	<.050	<.050	<.050	<.300
66	02/08/10	1110227 1	7'		<50	4,930	3.420	0.260	0.184	<.300
<u>C-6</u>		H19227-1 H19379-1	15'	64.4	<50 <10	4,930 <10	<u> </u>	0.200 N/A	0.164 N/A	<u><.300</u> N/A
C-6 C-6		H19379-1 H19379-2	20'	<u>64.4</u> 49.6	15	155	N/A N/A	N/A N/A	N/A N/A	N/A N/A
		H19379-2 H19400-1	25'	103.0		110	<.050	<.050	0.102	<.300
<u>C-6</u> C-6		H19400-1 H19400-2	30'		<10 10	232	<.050	0.059	0.102	<.300
<u> </u>	03/04/10	H19400-2		33.8	10	432	<.030	0.039	0.102	<u>\.300</u>
C-7	02/08/10	H19227-2	4'	N/A	<20	2,860	<.050	<.050	0.102	<.300
	02/08/10	111/22/-2	4	19/71	~20	2,000		1.050	0.102	
C-9	02/08/10	H19227-3	3'	N/A	<20	3,260	<.050	<.050	<.050	<.300
C-9		H19379-5	15'	4.0	34.4	355	N/A	N/A	N/A	N/A
C-9	03/04/10	H19379-6	20'	5.1	<10	31	N/A	N/A	N/A	N/A
C-10	03/05/10	H19395-1	15'	4.2	<10	<10	N/A	N/A	N/A	N/A
C-10	03/05/10	H19395-2	20	8.7	<10	29	N/A	N/A	N/A	N/A
C-10A		H19395-3	7'	30.8	98.5	3,730		0.08	0.145	0.241
C-10A		H19395-4	15'	74.7	84.6	2,340	N/A	N/A	N/A	N/A
C-10A	03/05/10	H19395-5	20'	333.0	126	1,740	N/A	N/A	N/A	N/A
C-10A	03/05/10	H19395-6	25'	417.0	125	1,950	0.836	0.595	1.84	1.65
C-10A	03/05/10	H19395-7	30'	175.0	63.7	1,130	0.292	0.281	0.575	0.618
	02/05/10	1110207 1	1.51	626.0	100	1.070	NT/A	37/4	- N T/A - T	
C-10B C-10B	03/05/10	H19396-1 H19396-2	<u>15'</u> 20'	536.0 253.0	182 70.36	<u>1,060</u> 742	N/A N/A	N/A N/A	N/A N/A	N/A N/A
C-10B C-10B	03/05/10	H19396-2	20	143.0	39.2	742	N/A N/A	N/A N/A	N/A N/A	N/A N/A
C-10B C-10B		H19396-4	30'	143.0	<u> </u>	564	<.050	0.285	0.284	0.317
	05/05/10	1117370-4		174.0	-1.2	304	×.050	0.205	0.204	0.517
C-12	02/08/10	H19227-4	8'	N/A	<10	1,020	<.050	<.050	0.102	<.300
C-12		H19402-1	15'	3.6	<10	<10	N/A	N/A	N/A	N/A
C-12		H19402-2	20'	3.3	<10	<10	N/A	N/A	N/A	N/A
		A								
C-13	03/09/10	H19411-1	15'	417.0	98	1,190	2.170	0.406	0.196	<.300
C-13	03/09/10	H19411-2	20'	438.0	103	1,180	2.640	0.296	0.376	<.300
C-13		H19411-3	25'	675.0	285	1,500	3.700	1.300	3.830	4.240
C-13	03/09/10	H19411-4	30'	962.0	511	1,640	2.270	1.650	7.100	7.680
							· · · · · · · · · · · · · · · · · · ·			
C-13A		H19410-1	15'	67.3	<10	19.7	<.050	<.050	0.0620	<.300
C-13A	03/09/10	H19410-2	20'	60.0	<10	39.9	<.050	<.050	<.050	<.300
	02/00/10	1110400 11	10	28.0	11.0	100	< 0.50	< 050	- 050	< 200
C-15	03/09/10	H19409-1	15'	38.9	11.8	132	<.050	<.050	<.050	<.300

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NORTH

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QP-18A

WHOLE EARTH ENVIRONMENTAL QUALITY PROCEDURE

Sampling and Testing Protocol VOC in Soil

Completed By: Approved By: Effective Date: / /

1.0 Purpose

This procedure is to be used to determine the concentrations of Volatile Organic Compounds in soils.

2.0 Scope

This procedure is to be used as the standard field measurement for soil VOC concentrations. It is not to be used as a substitute for full spectrographic speciation of organic compounds.

3.0 Procedure

3.1 Sample Collection and Preparation

3.1.1 Collect at least 500 g. of soil from the sample collection point. Take care to insure that the sample is representative of the general background to include visible concentrations of hydrocarbons and soil types. If necessary, prepare a composite sample of soils obtained at several points in the sample area. Take care to insure that no loose vegetation, rocks or liquids are included in the sample(s).

3.1.2 The soil sample(s) shall be immediately inserted into a one quart or larger polyethylene freezer bag and sealed. When sealed, the bag should contain a nearly equal space between the soil sample and trapped air. Record the sample name and the time that the sample was collected on the Field Report Form.

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3.1.3 The sealed samples shall be allowed to set for a minimum of five minutes at a temperature of between $10-15^{\circ}$ Celsius, $(59-77^{\circ}F)$. The sample temperatures may be adjusted by cooling the sample in ice, or by heating the sample within a generally controlled environment such as the inside of a vehicle. The samples should not be placed directly on heated surfaces or placed in direct heat sources such as lamps or heater vents.

3.1.4 The sealed sample bag should be massaged to break up any clods, and to provide the soil sample with as much exposed surface area as practically possible.

3.2 Sampling Procedure

3.2.1 The instrument to be used in conducting VOC concentration testing shall be an RAE Systems Model PGM-7600 or equivalent. Prior to use the instrument shall be zeroed out in accordance with the appropriate maintenance and calibration procedure.

3.2.2 Carefully open one end of the collection bag and insert the probe tip into the bag taking care that the probe tip not touch the soil sample or the side walls of the bag.

3.2.3 Set the instrument to retain the highest result reading value. Record the reading onto the Field Report Form.

3.2.4 If the instrument provides a reading exceeding 100 ppm, proceed to conduct BTEX Speciation in accordance with Whole Earth **QP-19**.

4.0 After testing, the soil samples shall be returned to the sampling location, and the bags collected for off-site disposal. IN NO CASE SHALL THE SAME BAG BE USED TWICE. EACH SAMPLE CONTAINER MUST BE DISCARDED AFTER EACH USE.



QP-77

WHOLE EARTH ENVIRONMENTAL QUALITY PROCEDURE

Procedure for Obtaining Soil Samples for Transportation to a Laboratory

Completed By: Approved By: Effective Date: / /

1.0 Purpose

This procedure outlines the methods to be employed when obtaining soil samples to be taken to a laboratory for analysis.

2.0 Scope

This procedure is to be used when collecting soil samples intended for ultimate transfer to a testing laboratory.

3.0 Preliminary

- 3.1 Obtain sterile sampling containers from the testing laboratory designated to conduct analyses of the soil. The shipment should include a Certificate of Compliance from the manufacturer of the collection bottle or vial and a Serial Number for the lot of containers. Retain this Certificate for future documentation purposes.
- 3.2 If collecting TPH, BTEX, RCRA 8 metals, cation / anions or O&G, the sample jar may be a clear 4 oz. container with Teflon lid. If collecting PAH's, use an amber 4 oz. container with Teflon lid.

4.0 Chain of Custody

- 4.1 Prepare a Sample Plan. The plan will list the number, location and designation of each planned sample and the individual tests to be performed on the sample. The sampler will check the list against the available inventory of appropriate sample collection bottles to insure against shortage.
- 4.2 Transfer the data to the Laboratory Chain of Custody Form. Complete all sections of the form except those that relate to the time of delivery of the samples to the laboratory.

.1

4.3 Pre-label the sample collection jars. Include all requested information except time of collection. (Use a fine point Sharpie to insure that the ink remains on the label). Affix the labels to the jars.

5.0 Sampling Procedure

- 5.1 Go to the sampling point with the sample container. If not analyzing for ions or metals, use a trowel to obtain the soil. Do not touch the soil with your bare hands. Use new latex gloves with each sample to help minimize any cross-contamination. Try to avoid collecting rocks or vegetation.
- 5.2 Pack the soil tightly into the container leaving the top slightly domed. Screw the lid down tightly. Enter the time of collection onto the sample collection jar label.
- 5.3 Place the sample directly on ice for transport to the laboratory.
- 5.4 Complete the Chain of Custody form to include the collection times for each sample. Deliver all samples to the laboratory.

6.0 Documentation

- 6.1 The testing laboratory shall provide the following minimum information:
 - A. Client, Project and sample name.
 - B. Signed copy of the original Chain of Custody Form including data on the time the sample was received by the lab.
 - C. Results of the requested analyses
 - D. Test Methods employed
 - E. Quality Control methods and results



QP-96B

WHOLE EARTH ENVIRONMENTAL QUALITY PROCEDURE

Såmpling and Testing Protocol Chloride Analysis by Argentometric Titration Soil Water Extract or Groundwater

Completed By:	Approved By:	Effective Date: /	' /

1.0 Purpose

This procedure is to be used to determine the concentrations of chlorides in soils, soil water and groundwater.

2.0 Scope

This procedure is to be used as the standard field measurement for soil chloride concentrations in a water extract using the principle that potassium chromate (K_2CrO_4) can indicate the endpoint of the silver nitrate (AgNO₃) titration. A salmon or pinkish yellow endpoint is readily recognized before red silver chromate is formed.

3.0 Sample Collection and Preparation

3.1 Collect at least 250 g of soil from the sample collection point. Take care to insure that the sample is representative of the general background to include visible concentrations of hydrocarbons and soil types. Unless defined as a discrete soil boring, prepare a composite sample of soils obtained at several points in the sample area, (insuring to pull the same approximate amount of soil from ea. sample pt). Take care to insure that no loose vegetation, rocks or liquids are included in the sample(s).

3.2 The soil sample(s) shall be immediately inserted into a one quart or larger polyethylene freezer bag. Care should be taken to insure that no cross-contamination occur between the soil sample and the collection tools or sample processing equipment.

3.3 The sealed sample bag should be massaged to break up any clods.

)

4.0 Sample Preparation

4.1 Tare a 40 ml vial and add approximately 10gm of soil, record amount.

- 4.2 Tare and add approximately 30 ml of distilled water, and record volume amount.
- 4.3 Take 40 ml vial and cap, and shake vigorously for approximately30 sec. Allow to stand 3 min then shake again. Repeat extraction process a total of 3 times.
- 4.4 Allow the sample to set for a period, (depending on type of soil approximately 3 to 20 min), or until soil and water have separated enough to extract 10 ml of clear water.
- 4.5 Sample may be cleared if necessary by centrifugation or vacuum filtration using 0.45 u filter.

5.0 Titration Procedure

- 5.1 Using a graduated pipette, remove sample aliquot from the 40 ml vial, dispense into a clean plastic cup, and record volume amount.
- 5.2 Add 2-3 drops 5% potassium chromate (K_2CrO_4) to mixture.
- 5.3 If the sample contains any sulfides (hydrogen or iron sulfides are common to oilfield soil samples) add 2-3 drops of hydrogen peroxide (H_2O_2) to mixture. Allow the mixture to set for a minimum of five minutes.
- 5.4 Using a graduated 1/100, 1 ml pipette, carefully add AgNO₃ solution to salmon or pinkish yellow endpoint. Be consistent with endpoint recognition between standards and samples.
- 5.5 Record the amount of silver nitrate used.

6.0 Calculation

6.1 Soil Chloride. To obtain the chloride concentration, insert measured data into the following formula:

$$mg Cl/kg = \underline{A \times B \times C \times 35.45} mg Cl/meq \times 1000 g/kg$$
$$D \times E$$

where:

 $A = normality of AgNO_3, meq/ml$

- $B = ml AgNO_3$ used to titrate sample
- C = total volume distilled water used to extract sample, ml
- D = volume aliquot sample to be titrated, ml
- E = sample wt, g
- 6.2 Groundwater Chloride. To obtain the chloride concentration, insert measured data into the following formula:

 $mg Cl/liter = \underline{A \times B \times 35.45 mg Cl/meq \times 1000 ml/liter}$ ml sample

where:

7

A = normality of AgNO₃, meq/ml B = ml AgNO₃ used to titrate sample



January 27, 2010

Roy R. Rascon Whole Earth Environmental, Inc. 2103 Arbor Cove Katy, TX 77494

Re: Targa Middle Plant.

Enclosed are the results of analyses for sample number H19150, received by the laboratory on 01/26/10 at 4:40 pm.

Cardinal Laboratories is accredited through Texas NELAP for:

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

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

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

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

Accreditation applies to public drinking water matrices.

Total Number of Pages of Report: 4 (includes Chain of Custody)

Sincerely,

Celey D/Reene Laboratory Director

This report conforms with NELAP requirements.



ANALYTICAL RESULTS FOR WHOLE EARTH ENVIRONMENTAL, INC. ATTN: ROY R. RASCON 2103 ARBOR COVE KATY, TX 77494 FAX TO: (281) 394-2051

Receiving Date: 01/26/10 Reporting Date: 01/27/10 Project Owner: NOT GIVEN Project Name: TARGA MIDDLE PLANT Project Location: NOT GIVEN Sampling Date: 01/26/10 Sample Type: SOIL Sample Condition: COOL & INTACT @ 1.5^oC ⁻ Sample Received By: JH Analyzed By: AB

 $\begin{array}{ll} {\sf GRO} & {\sf DRO} \\ ({\sf C}_{6}{\sf -}{\sf C}_{10}) & ({>}{\sf C}_{10}{\sf -}{\sf C}_{28}) \\ ({\sf mg/kg}) & ({\sf mg/kg}) \end{array}$

LAB NUMBER SAMPLE ID

ANALYSIS D	ATE:	01/27/10	01/27/10
H19150-1	C1 @ 55" BGS	<10.0	3,900
H19150-2	C1 @ 79" BGS	<10.0	4,080
H19150-3	C1-2 @ 6' BGS	<10.0	3,910
H19150-4	C1-3 @ 6' BGS	24.3	4,380
H19150-5	C1-4 @ 5' BGS	<10.0	73.8
Quality Contr	ol	499	479
True Value Q	С	500	500
% Recovery		99.8	95.8
Relative Perc	ent Difference	4.7	0.9

METHOD: SW-846 8015 M. Reported on wet weight. Not accredited for GRO/DRO.

hemist

H19150 TPH WEE

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 At 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 Cardinat be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above-stated reasons of otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



ANALYTICAL RESULTS FOR WHOLE EARTH ENVIRONMENTAL, INC. ATTN: ROY R. RASCON 2103 ARBOR COVE KATY, TX 77494 FAX TO: (281) 394-2051

Receiving Date: 01/26/10 Reporting Date: 01/27/10 Project Owner: NOT GIVEN Project Name: TARGA MIDDLE PLANT Project Location: NOT GIVEN Sampling Date: 01/26/10 Sample Type: SOIL Sample Condition: COOL & INTACT @ 1.5°C Sample Received By: JH Analyzed By: ZL

				ETHYL	TOTAL
LAB NO.	SAMPLE ID	BENZENE	TOLUENE	BENZENE	XYLENES
		(mgkg)	(mgkg)	(mgkg)	(mgkg)
ANALYSIS DA	TE:	01/27/10	01/27/10	01/27/10	01/27/10
H19150-1	C1 @ 55" BGS	<0.050	<0.050	<0.050	<0.300
H19150-2	C1 @ 79" BGS	<0.100	<0.100	<0.050	<0.300
H19150-3	C1-2 @ 6' BGS	<0.100	<0.100	<0.050	<0.300
H19150-4	C1-3 @ 6' BGS	<0.250	<0.100	<0.050	<0.300
H19150-5	C1-4 @ 5' BGS	<0.050	<0.050	<0.050	<0.300
Quality Control		0.047	0.046	0.047	0.136
True Value QC		0.050	0.050	0.050	0.150
% Recovery		94.0	92.0	94.0	90.7
Relative Percer	nt Difference	<1.0	<1.0	<1.0	<1.0

METHODS: BTEX - SW-846 8021B.

TEXAS NELAP ACCREDITATION T104704398-08-TX FOR BENZENE, TOLUENE, ETHYL BENZENE, AND TOTAL XYLENES./Reported on wet weight.

H19150 BTEX WEE

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardinal, regardinal, regardinal, regardinal, togardinal, todam 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 oxcept in full with written approval of Cardinal Laboratories.

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February 14, 2010

Mike Griffin Whole Earth Environmental, Inc. 2103 Arbor Cove Katy, TX 77494

Re: Targa – Eunice, NM

Enclosed are the results of analyses for sample number H19227, received by the laboratory on 02/08/10 at 4:15 pm.

Cardinal Laboratories is accredited through Texas NELAP for:

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

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

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

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

Accreditation applies to public drinking water matrices.

Total Number of Pages of Report: 3 (includes Chain of Custody)

Sincerely,

Celey D. Keene Laboratory Director

This report conforms with NELAP requirements.



ANALYTICAL RESULTS FOR WHOLE EARTH ENVIRONMENTAL, INC. ATTN: MIKE GRIFFIN 2103 ARBOR COVE KATY, TX 77494 FAX TO: (281) 394-2051

Receiving Date: 02/08/10 Reporting Date: 02/11/10 Project Number: NOT GIVEN Project Name: TARGA-EUNICE, NM Project Location: NOT GIVEN

Sampling Date: 02/08/10 Sample Type: SOIL Sample Condition: COOL & INTACT @ 4°C Sample Received By: JH Analyzed By: AB/ZL

LAB NO. SAMPLE ID

 $(C_6 - C_{10})$ (mg/kg)

GRO

)

DRO (>C10-C28) BENZENE TOLUENE BENZENE XYLENES (mg/kg) (mg/kg) (ma/ka)

ETHYL TOTAL

(mg/kg)

(mg/kg)

ANALYSIS DATE:	02/10/10	02/10/10	02/10/10	02/10/10	02/10/10	02/10/10
H19227-1 #6 7' BGS	<50.0	4,930	3.42	0.260	0.184	<0.300
H19227-2 #7 4' BGS	<20.0	2,860	<0.050	<0.050	0.102	<0.300
H19227-3 #9 3' BGS	<20.0	3,260	<0.050	<0.050	<0.050	<0.300
H19227-4 #12 8' BGS	<10.0	1,020	<0.050	<0.050	<0.050	<0.300
H19227-5 FAR SOUTH HOLE 3' BGS	185	7,260	0.504	0.383	1.72	0.789
1						
Quality Control	511	500	0.045	0.046	0.046	0.133
True Value QC	500	500	0.050	0.050	0.050	0.150
% Recovery	102	100	90.0	92.0	92.0	88.7
Relative Percent Difference	2.3	2.5	4.1	4.1	4.1	4.8

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

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

Director

H19227 TPHBTEX WEE

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 whatsoover shall be dearned waived unloss made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries affiliates or successors arising out of or related to the performance of services hereunder by and and services hereunder by and services

ARDINAL LABORATORIES 101 East Marland, Hobbs, NM 88240

(575) 393-2326 Fax (575) 393-2476

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March 4, 2010

Roy R. Rascon Whole Earth Environmental, Inc. 2103 Arbor Cove Katy, TX 77494

Re: Targa Middle Plant

Enclosed are the results of analyses for sample number H19370, received by the laboratory on 03/03/10 at 4:10 pm.

Cardinal Laboratories is accredited through Texas NELAP for:

Method SW-846 8021 Method SW-846 8260 Method TX 1005

Benzene, Toluene, Ethyl Benzene, and Total Xylenes Benzene, Toluene, Ethyl Benzene, and Total Xylenes **Total Petroleum Hydrocarbons**

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

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

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

Accreditation applies to public drinking water matrices.

Total Number of Pages of Report: 3 (includes Chain of Custody)

Sincerely, Celey D. Keene

Laboratory Director

This report conforms with NELAP requirements.



Receiving Date: 03/03/10 Reporting Date: 03/04/10 Project Owner: NOT GIVEN Project Name: TARGA MIDDLE PLANT Project Location: TARGA MIDDLE PLANT Sampling Date: 03/03/10 Sample Type: SOIL Sample Condition: COOL & INTACT @ 5^oC Sample Received By: JH Analyzed By: AB

 $\begin{array}{ll} {\sf GRO} & {\sf DRO} \\ {\sf (C_6-C_{10})} & (>C_{10}-C_{28}) \\ {\sf (mg/kg)} & {\sf (mg/kg)} \end{array}$

LAB NUMBER SAMPLE ID

ANALYSIS [DATE:	03/04/10	03/04/10
H19370-1	C-1 BORE #1 @ 15' BGS	<10.0	12.1
H19370-2	C-1 BORE #1 @ 20' BGS	<10.0	50.0
H19370-3	C-3 BORE #1 @ 15' BGS	<10.0	<10.0
H19370-4	C-3 BORE #1 @ 20' BGS	<10.0	<10.0
Quality Cont	rol	494	560
True Value C		500	500
% Recovery		98.8	112
Relative Per	cent Difference	6.1	0.6

METHOD: SW-846 8015 M. Reported on wet weight. Not accredited for GRO/DRO.

H19370 TPH WEE

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 thiny (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries affiliates or successors arising out of or related to the performance of services herounder by Cardinal, regardless of whether such claim is based upon any of the above-stated reasons or otherwise. Result relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

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	(575) 393-2326 Fax (575) 393-2476								Page of								
Company Name	· WEE INC. · Roy R. RASCON			BILL TO				ANALYSIS REQUEST									
Project Manage	" Roy R. EASCON			P.O. #:													
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FOR LAB USE ONLY Lab I.D. H19370-1 -2 -3 -4	Sample I.D. <u>('-1 Bore#1@ 15'BG5</u> <u>20'BG5</u> <u>20'BG5</u> <u>20'BG5</u>	CONTAINERS			3-3-70	TIME 11:11 12:10 2:35 2:50	X2L9 X X	108 HJ 1 X 7 PH 2019									
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March 5, 2010

Roy R. Rascon Whole Earth Environmental, Inc. 2103 Arbor Cove Katy, TX 77494

Re: Targa - Eunice

Enclosed are the results of analyses for sample number H19379, received by the laboratory on 03/04/10 at 4:03 pm.

Cardinal Laboratories is accredited through Texas NELAP for:

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

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

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

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

Accreditation applies to public drinking water matrices.

Total Number of Pages of Report: 3 (includes Chain of Custody)

Sincerely eene

Celey D. Keene Laboratory Director



Receiving Date: 03/04/10 Reporting Date: 03/05/10 Project Owner: NOT GIVEN Project Name: TARGA - EUNICE Project Location: NOT GIVEN Sampling Date: 03/04/10 Sample Type: SOIL Sample Condition: INTACT @ 7^oC Sample Received By: JH Analyzed By: AB

GRO	DRO
(C ₆ -C ₁₀)	(>C ₁₀ -C ₂₈)
(mg/kg)	(mg/kg)

LAB NUMBER SAMPLE ID

ANALYSIS D	ATE:	03/04/10	03/04/10
H19379-1	C6 B1 15'	<10.0	<10.0
H19379-2*	C6 B1 20'	15.0	155
H19379-3*	C5 B1 15'	<10.0	125
H19379-4	C5 B1 20'	<10.0	257
H19379-5*	C9 B1 15'	34.4	355
H19379-6	C9 B1 20'	<10.0	30.9
Quality Contro	bl	501	574
True Value Q	C	500	500
% Recovery		100	115
Relative Perce	ent Difference	1.7	1.1

METHOD: SW-846 8015 M. Reported on wet weight. Not accredited for GRO/DRO. *TPH second surrogate outside historical limits due to matrix interference.

hemist

H19379 TPH WEE

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 analyse 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 applicab's 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 subsidiarie affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above-stated reacons or otherwise. Rosult relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories. ARDINAL LABORATORIES 101 East Marland, Hobbs, NM 88240

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March 8, 2010

Mike Griffin Whole Earth Environmental, Inc. 2103 Arbor Cove Katy, TX 77494

Re: Targa - Eunice

Enclosed are the results of analyses for sample number H19395, received by the laboratory on 03/05/10 at 3:11 pm.

Cardinal Laboratories is accredited through Texas NELAP for:

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

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

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

Method EPA 552.2	Haload
Method EPA 524.2	Total
Method EPA 524.2	Regula

Haloacetic Acids (HAA-5) Fotal Trihalomethanes (TTHM) Regulated VOCs (V2, V3)

Accreditation applies to public drinking water matrices.

Total Number of Pages of Report: 4 (includes Chain of Custody)

Sincerely.

Celey D! Keene Laboratory Director



Receiving Date: 03/05/10 Reporting Date: 03/08/10 Project Owner: NOT GIVEN Project Name: TARGA - EUNICE Project Location: NOT GIVEN Sampling Date: 03/05/10 Sample Type: SOIL Sample Condition: COOL & INTACT @ 6^oC Sample Received By: JH Analyzed By: AB

		GRO	DRO
		(C ₆ -C ₁₀)	(>C ₁₀ -C ₂₈)
LAB NUMBER	SAMPLE ID	(mg/kg)	(mg/kg)
ANALYSIS DAT	E:	03/08/10	03/08/10
H19395-1	C10 15'	<10.0	<10.0
H19395-2	C10 20'	<10.0	28.6
H19395-3	C10A 7'	98.5	3,730
H19395-4	C10A 15'	84.6	2,340
H19395-5	C10A 20'	126	1,740
H19395-6	C10A 25'	125	1,950
H19395-7	C10A 30'	63.7	1,130
Quality Control	·	464	514
True Value QC		500	500
% Recovery		92.8	103
Relative Percen	t Difference	4.6	4.5

METHOD: SW-846 8015 M. Reported on wet weight. Not accredited for GRO/DRO.

H19395 TPH WEE

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



Receiving Date: 03/05/10 Reporting Date: 03/08/10 Project Number: NOT GIVEN Project Name: TARGA EUNICE Project Location: NOT GIVEN Sampling Date: 03/05/10 Sample Type: SOIL Sample Condition: COOL & INTACT @ 6 °C Sample Received By: JH Analyzed By: ZL

LAB NO.	SAMPLE ID	BENZENE (mgkg)	TOLUENE (mgkg)	ETHYL BENZENE (mgkg)	TOTAL XYLENES (mgkg)
ANALYSIS D	ATE:	03/06/10	03/06/10	03/06/10	03/06/10
H19395-3	C10A 7'	0.088	0.080	0.145	0.241
H19395-6	C10A 25'	0.836	0.595	1.84	1.65
H19395-7	C10A 30'	0.292	0.281	0.575	0.618
				-	
Quality Contro	ol	0.052	0.049	0.046	0.135
True Value Q	C	0.050	0.050	0.050	0.150
% Recovery	ngananan martin an	104	98.0	92.0	90.0
Relative Perc	ent Difference	1.0	4.5	4.5	5.2

METHODS: BTEX - SW-846 8021B.

TEXAS NELAP ACCREDITATION T104704398-08-TX FOR BENZENE, TOLUENE, ETHYL BENZENE, AND TOTAL XYLENES. Reported on wet weight.

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03/03/1 Date

H19395 BTEX WEE

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 analyse All claims, including those for nogligence 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 applicab 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 subsidiarie affiliates or successors arising our of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above-stated reasons or otherwise. Resul relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

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

March 11, 2010

Mike Griffin Whole Earth Environmental, Inc. 2103 Arbor Cove Katy, TX 77494

Re: Targa - Eunice (Revised)

Enclosed are the results of analyses for sample number H19396, received by the laboratory on 03/05/10 at 3:17 pm.

Cardinal Laboratories is accredited through Texas NELAP for:

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

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

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

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

Accreditation applies to public drinking water matrices.

Total Number of Pages of Report: 4 (includes Chain of Custody)

Sincerely Celev D' eene

Laboratory Director



Receiving Date: 03/05/10 Reporting Date: 03/08/10 Project Owner: NOT GIVEN Project Name: TARGA - EUNICE Project Location: NOT GIVEN Sampling Date: 03/05/10 Sample Type: SOIL Sample Condition: COOL & INTACT @ 6⁰C Sample Received By: JH Analyzed By: ZL

LAB NO.	SAMPLE ID	BENZENE (mgkg)	TOLUENE (mgkg)	ETHYL BENZENE (mgkg)	TOTAL XYLENES (mgkg)
ANALYSIS DA	ATE:	03/09/10	03/09/10	03/09/10	03/09/10
H19396-4	C10B 30'	<0.050	0.285	0.284	0.317
Quality Contro		0.060	0.057	0.054	0.156
True Value QC	2	0.050	0.050	0.050	0.150
% Recovery	· · · · · ·	120	114	108	104
Relative Perce	ent Difference	<1.0	5.3	11.8	11.7

METHODS: BTEX - SW-846 8021B.

TEXAS NELAP ACCREDITATION T104704398-08-TX FOR BENZENE, TOLUENE, ETHYL BENZENE, AND TOTAL XYLENES. /Reported on wet weight.

lune

03/11/10

Date

H19396 BTEX WEE

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 profils incurred by client, its subsidiaries affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above-stated reasons or otherwise. Result relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratorics



Receiving Date: 03/05/10 Reporting Date: 03/08/10 Project Owner: NOT GIVEN Project Name: TARGA - EUNICE Project Location: NOT GIVEN

Sampling Date: 03/05/10 Sample Type: SOIL Sample Condition: COOL & INTACT @ 6°C Sample Received By: JH Analyzed By: AB

GRO	DRO
(C ₆ -C ₁₀)	(>C ₁₀ -C ₂₈)
(mg/kg)	(mg/kg)

LAB NUMBER SAMPLE ID

ANALYSIS D	ATE:	03/08/10	03/08/10
H19396-1	C10B 15'	182	1,060
H19396-2	C10B 20'	70.6	742
H19396-3	C10B 25'	39.2	779
H19396-4	C10B 30'	43.5	564
		· · · · · · · · · · · · · · · · · · ·	* - *****
Quality Contro	ol	464	514
True Value Q	C	500	500
% Recovery		92.8	103
Relative Perc	ent Difference	4.6	4.5

METHOD: SW-846 8015 M. Reported on wet weight. Not accredited for GRO/DRO.

hemis

H19396TPH WEE

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 writing thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above-stated reasons or otherwise. Result relate only to tho samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

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

March 9, 2010

Mike Griffin Whole Earth Environmental, Inc. 2103 Arbor Cove Katy, TX 77494

Re: Targa - Eunice

Enclosed are the results of analyses for sample number H19400, received by the laboratory on 03/08/10 at 8:20 am.

Cardinal Laboratories is accredited through Texas NELAP for:

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

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

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

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

Accreditation applies to public drinking water matrices.

Total Number of Pages of Report: 3 (includes Chain of Custody)

Sincerely

Celey D/Keene Laboratory Director



Receiving Date: 03/08/10 Reporting Date: 03/09/10 Project Number: NOT GIVEN Project Name: TARGA-EUNICE Project Location: NOT GIVEN

Sampling Date: 03/04/10 Sample Type: SOIL Sample Condition: COOL & INTACT @ 6ºC Sample Received By: JH Analyzed By: AB/ZL

LAB NO. SAMPLE ID

GRO DRO $(C_6 - C_{10})$ (mg/kg) (mg/kg)

(>C10-C28) BENZENE TOLUENE BENZENE XYLENES (ma/ka) (ma/ka)

ETHYL TOTAL

(mg/kg)

(mg/kg)

ANALYSIS DATE:	03/08/10	03/08/10	03/08/10	03/08/10	03/08/10	03/08/10
H19400-1 C6B1 25'	<10.0	110	<0.050	<0.050	<0.050	<0.300
H19400-2 C6B1 30'	10.0	232	<0.050	0.059	0.083	<0.300
H19400-3 C5B1 25'	<10.0	169	<0.050	<0.050	<0.050	<0.300
H19400-4 C5B1 30'	<10.0	106	<0.050	<0.050	<0.050	<0.300
Quality Control	458	544	0.055	0.052	0.049	0.146
True Value QC	500	500	0.050	0.050	0.050	0.150
% Recovery	91.6	109	110	104	98.0	97.3
Relative Percent Difference	0.6	18.0	2.7	8.5	10.2	10.1

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

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

ab Director

H19400 TPHBTEX WEE

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 paic 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 relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratorios.

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FOR LAB USE ONLY Lab I.D. Sample I.D. -19400-1 (-6.61 - 25') (-7) (-6.61 - 30') (-7) (-7) (-7) (-7) (-7) (-7) (-7) (-7	Image: Second	PRESERV. SAMPLING 	KELL & OLSM			
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March 9, 2010

Mike Griffin Whole Earth Environmental, Inc. 2103 Arbor Cove Katy, TX 77494

Re: Targa - Eunice

Enclosed are the results of analyses for sample number H19402, received by the laboratory on 03/08/10 at 1:50 pm.

Cardinal Laboratories is accredited through Texas NELAP for:

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

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

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

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

Accreditation applies to public drinking water matrices.

Total Number of Pages of Report: 3 (includes Chain of Custody)

Sincerely Celev D. Keene

Laboratory Director



Receiving Date: 03/08/10 Reporting Date: 03/09/10 Project Owner: NOT GIVEN Project Name: TARGA - EUNICE Project Location: NOT GIVEN Sampling Date: 03/08/10 Sample Type: SOIL Sample Condition: COOL & INTACT @ 4.5⁵C Sample Received By: JH Analyzed By: AB

GRO DRO (C_6-C_{10}) (> $C_{10}-C_{28}$) (mg/kg) (mg/kg)

LAB NUMBER SAMPLE ID

ANALYSIS DATE:	03/08/10	03/08/10
H19402-1 C12 B1 15'	<10.0	<10.0
H19402-2 C12 B1 20'	<10.0	<10.0
Quality Control	458	544
True Value QC	500	500
% Recovery	91.6	109
Relative Percent Difference	4.6	4.5

METHOD: SW-846 8015 M. Reported on wet weight.

Mene

03/09/10 Date

H19402 TPH WEE

PLEASE NOTE: Llability and Damages. Cardinal's llability 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 subsidiances affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above-stated reasons or otherwise. Result relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

101 East Marland, Hobbs, NM 88240

	(575) 393-2326 Fax (575) 393-2	2476														Page_	of	i		
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#26



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

Mike Griffin Whole Earth Environmental, Inc. 2103 Arbor Cove Katy, TX 77494

Re: Targa - Eunice

Enclosed are the results of analyses for sample number H19409, received by the laboratory on 03/09/10 at 4:30 pm.

Cardinal Laboratories is accredited through Texas NELAP for:

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

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

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

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

Accreditation applies to public drinking water matrices.

Total Number of Pages of Report: 3 (includes Chain of Custody)

Sincerely

Celey D! Keene Laboratory Director

This report conforms with NELAP requirements.



Receiving Date: 03/09/10 Reporting Date: 03/10/10 Project Number: NOT GIVEN Project Name: TARGA-EUNICE Project Location: NOT GIVEN

Sampling Date: 03/09/10 Sample Type: SOIL Sample Condition: INTACT @ 8°C Sample Received By: JH Analyzed By: AB/ZL

LAB NO. SAMPLE ID

 $(C_6 - C_{10})$ (mg/kg)

GRO

DRO (>C10-C28) BENZENE TOLUENE BENZENE XYLENES (ma/ka) (mg/kg) (mg/kg) (mg/kg)

ETHYL TOTAL

(mg/kg)

ANALYSIS DATE:	03/10/10	03/10/10	03/10/10	03/10/10	03/10/10	03/10/10
H19409-1* C-15 15'	11.8	132	<0.050	<0.050	<0.050	<0.300
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Quality Control	492	588	0.060	0.056	0.052	0.152
Quality Control	500	500	0.050	0.050	0.050	0.152
% Recovery	98.4	118	120	112	104	101
Relative Percent Difference	1.7	2.0	<1.0	5.3	11.8	11.7

METHODS: TPH GRO & DRO - EPA SW-846 8015 M; BTEX - SW-846 8021B. *One or more TPH surrogates outside historical limits due to matrix interference. TEXAS NELAP ACCREDITATION T104704398-08-TX FOR BENZENE, TOLUENE, ETHYL BENZENE, AND TOTAL XYLENES. Not accredited for GRO/DRO.

H19409 TPHBTEX WEE

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

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Page____ of ___

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

March 10, 2010

Mike Griffin Whole Earth Environmental, Inc. 2103 Arbor Cove Katy, TX 77494

Re: Targa - Eunice

Enclosed are the results of analyses for sample number H19410, received by the laboratory on 03/09/10 at 4:25 pm.

Cardinal Laboratories is accredited through Texas NELAP for:

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

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

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

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

Accreditation applies to public drinking water matrices.

Total Number of Pages of Report: 3 (includes Chain of Custody)

Sincerely

Celey D/Keene Laboratory Director



Receiving Date: 03/09/10 Reporting Date: 03/10/10 Project Number: NOT GIVEN Project Name: TARGA-EUNICE Project Location: NOT GIVEN Sampling Date: 03/09/10 Sample Type: SOIL Sample Condition: COOL & INTACT @ 6⁰C Sample Received By: JH Analyzed By: AB/ZL

		GRO	DRO			ETHYL	TOTAL	
LAB NO.	SAMPLE ID	(C ₆ -C ₁₀)	(>C ₁₀ -C ₂₈)	BENZENE	TOLUENE	BENZENE	XYLENES	
		(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	

ANALYSIS DATE:	03/10/10	03/10/10	03/10/10	03/10/10	03/10/10	03/10/10
H19410-1 C-13A 15'	<10.0	19.7	<0.050	<0.050	0.062	<0.300
H19410-2 C-13A 20'	<10.0	39.9	<0.050	<0.050	<0.050	<0.300
	· _ _					
Quality Control	492	588	0.060	0.056	0.052	0.152
True Value QC	500	500	0.050	0.050	0.050	0.150
% Recovery	98.4	118	120	112	104	101
Relative Percent Difference	1.7	2.0	<1.0	5.3	11.8	11.7

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

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

Lab Director

H19410 TPHBTEX WEE

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

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

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

March 10, 2010

Mike Griffin Whole Earth Environmental, Inc. 2103 Arbor Cove Katy, TX 77494

Re: Targa - Eunice

Enclosed are the results of analyses for sample number H19411, received by the laboratory on 03/09/10 at 4:30 pm.

Cardinal Laboratories is accredited through Texas NELAP for:

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

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

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

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

Accreditation applies to public drinking water matrices.

Total Number of Pages of Report: 3 (includes Chain of Custody)

Sincerely

Celey D. Keene Laboratory Director



Receiving Date: 03/09/10 Reporting Date: 03/10/10 Project Number: NOT GIVEN Project Name: TARGA-EUNICE Project Location: NOT GIVEN

Sampling Date: 03/09/10 Sample Type: SOIL Sample Condition: COOL & INTACT @ 6°C Sample Received By: JH Analyzed By: AB/ZL

LAB NO. SAMPLE ID

GRO $(C_6 - C_{10})$ (mg/kg)

DRO (>C10-C28) BENZENE TOLUENE BENZENE XYLENES (mg/kg) (mg/kg) (mg/kg)

TOTAL **ETHYL**

(mg/kg)

(mg/kg)

	· · · · · · · · · · · · · · · · · · ·					
ANALYSIS DATE:	03/10/10	03/10/10	03/10/10	03/10/10	03/10/10	03/10/10
H19411-1* C-13 15'	98.0	1,190	2.17	0.406	0.196	<0.300
H19411-2 C-13 20'	103	1,180	2.64	0.296	0.376	<0.300
H19411-3 C-13 25'	285	1,500	3.70	1.30	3.83	4.24
H19411-4 C-13 30'	511	1,640	2.27	1.65	7.10	7.68
Quality Control	492	588	0.060	0.056	0.052	0.152
True Value QC	500	500	0.050	0.050	0.050	0.150
% Recovery	98.4	118	120	112	104	101
Relative Percent Difference	1.7	2.0	<1.0	5.3	11.8	11.7

METHODS: TPH GRO & DRO - EPA SW-846 8015 M; BTEX - SW-846 8021B. *One or more TPH surrogates outside historical limits due to matrix interference. TEXAS NELAP ACCREDITATION T104704398-08-TX FOR BENZENE, TOLUENE, ETHYL BENZENE, AND TOTAL XYLENES. Not accredited for GRO/DRO.

Director

H19411 TPHBTEX WEE

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 profils incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardloss of whether such claim is based upon any of the above-stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories

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Page____ of ____

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