

GW - 344

REPORTS

Year(s)

2007 - Present



LEGEND

- ▲ RECOVERY WELL LOCATION
- PROPOSED BORING LOCATION
- S-1 ▲ BORERHOLE LOCATION, JANUARY 2000
- NW ● BORERHOLE LOCATION, JULY 2007
- BH-1 ● BORERHOLE LOCATION
- 5,500 MW-4 ● MONITOR WELL LOCATION AND CHLORIDE CONCENTRATION IN GROUNDWATER MG/L
- WW-1 (○) WATER WELL LOCATION (INACTIVE)
- WW-4 ● WATER WELL LOCATION (ACTIVE)
- 500 — LOCATION OF CHLORIDE CONCENTRATION IN GROUNDWATER MG/L

ENVIRONMENTAL INVESTIGATION AREAS

- (1) JET TURBINE SKID
- (2) SLOP OIL SUMP
- (3) OIL AND WATER SUMP
- (4) SUMP #30
- (5) SUMP #31
- (6) EMERGENCY FLARE
- (7) H2S FLARE SUMP
- (8) CONCRETE SUMP (WEST OF TANK #14)

500 0 500

Graphic Scale in Feet

FIGURE #2

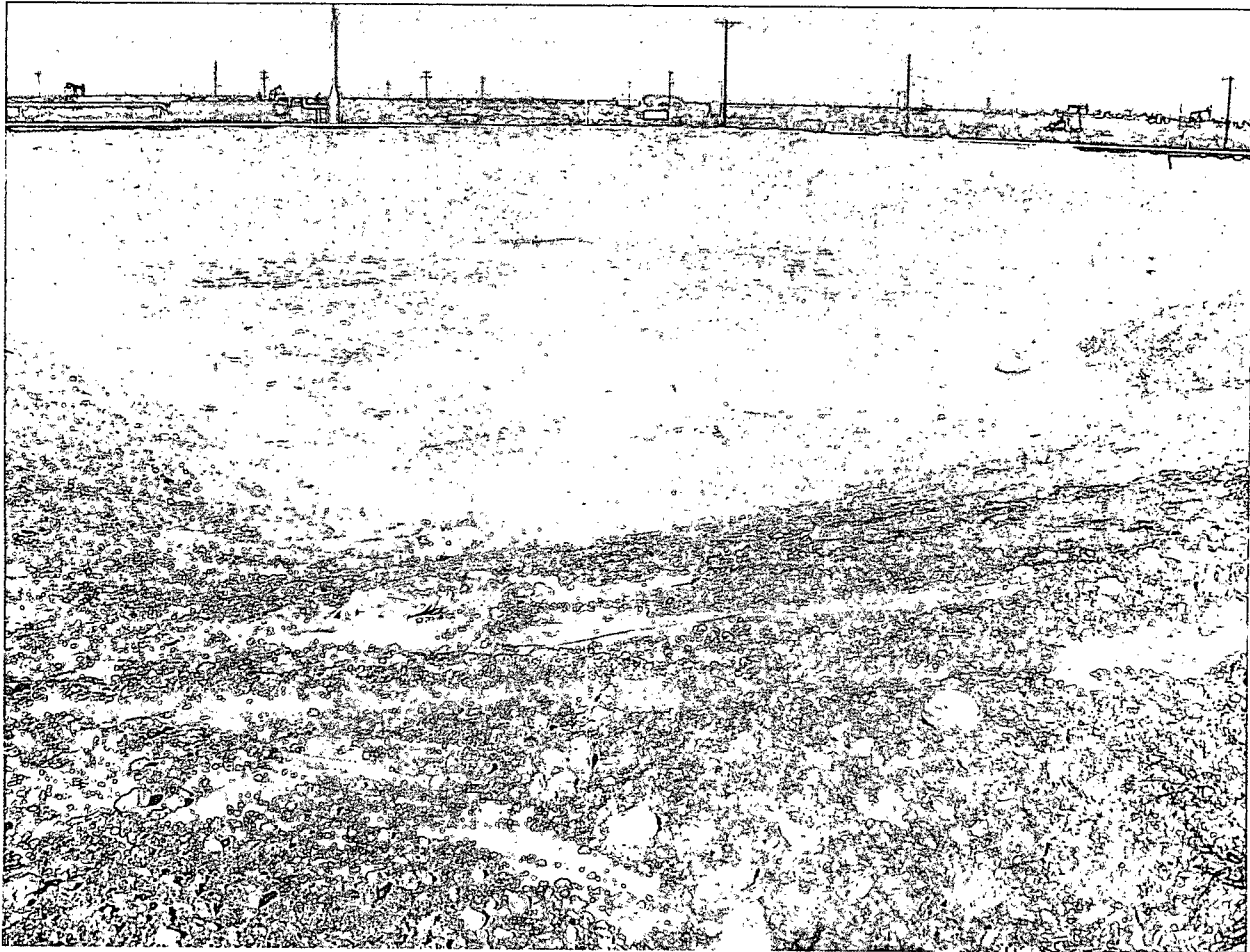
LEA COUNTY, NEW MEXICO

TARGA MIDSTREAM SERVICES, L.P.
EUNICE #1 (SOUTH) COMPRESSOR STATION

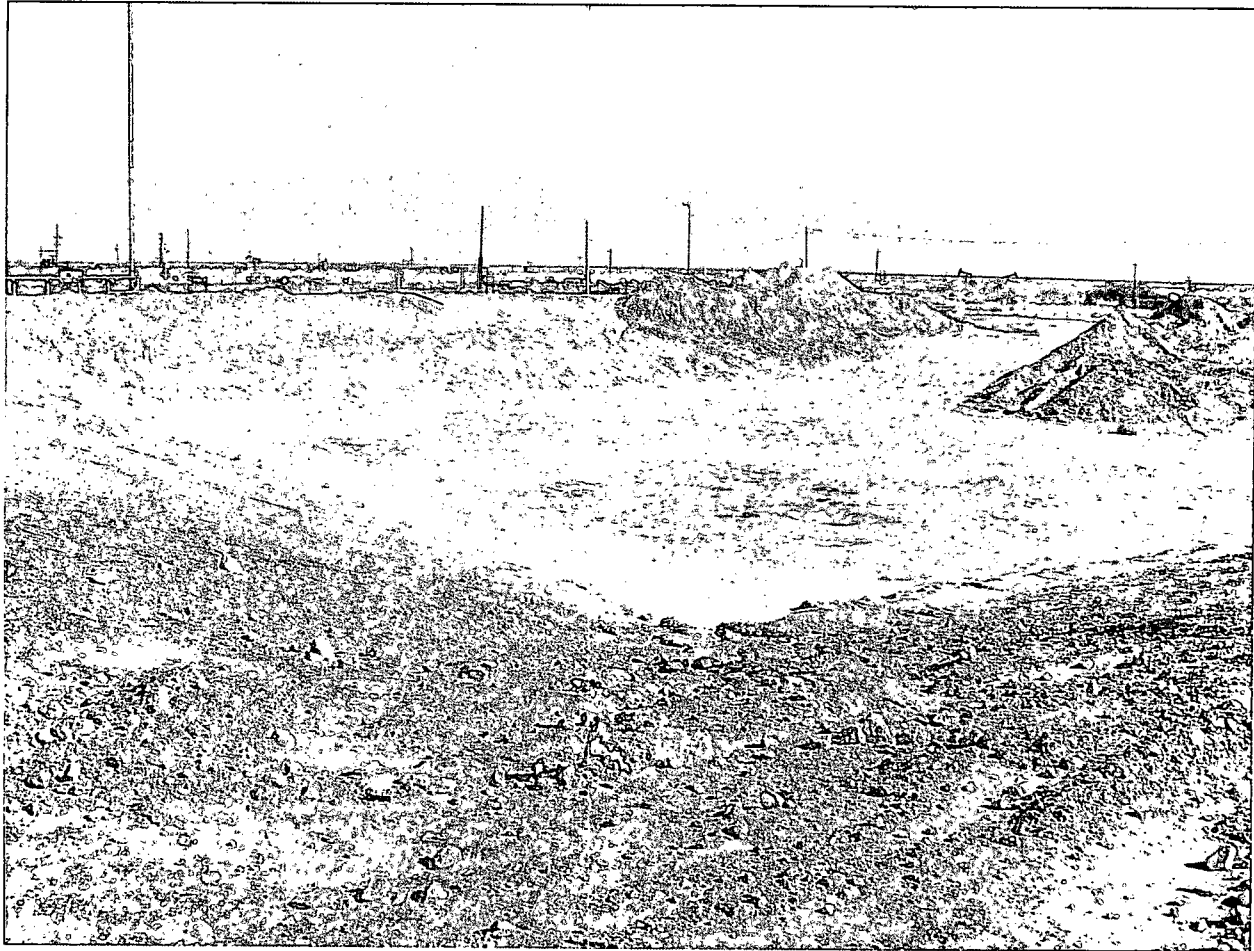
CHLORIDE CONCENTRATION
IN GROUNDWATER, 1997-1998

DATE: 1 3 08
NAME: TA
FILE: 7-0137

Laison & Associates, Inc.
Environmental Consultants



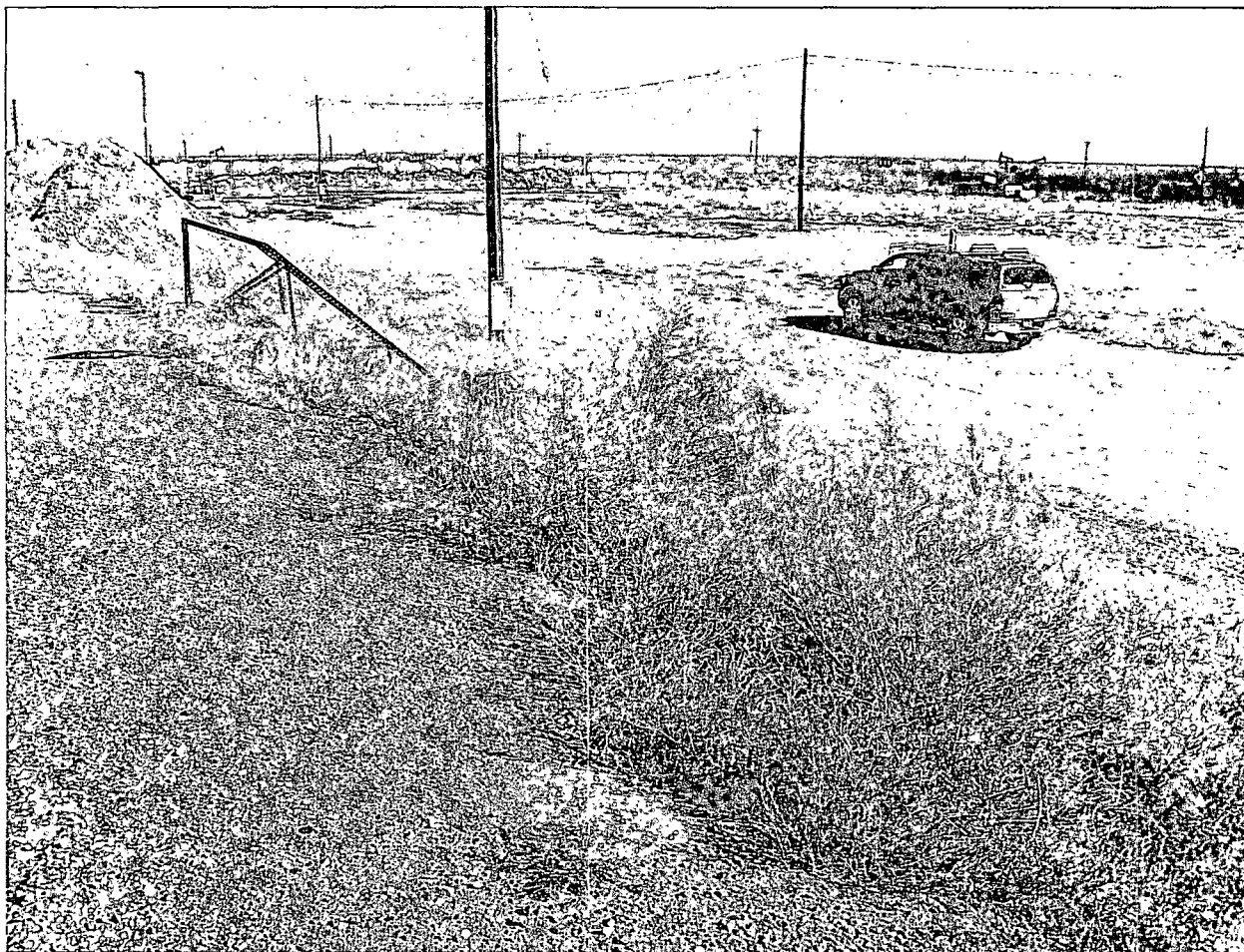
Targa Midstream Services, L.P., Eunice #1 (South) Compressor Station
– Looking Northwest at #3 Brine Pond from Southeast Corner



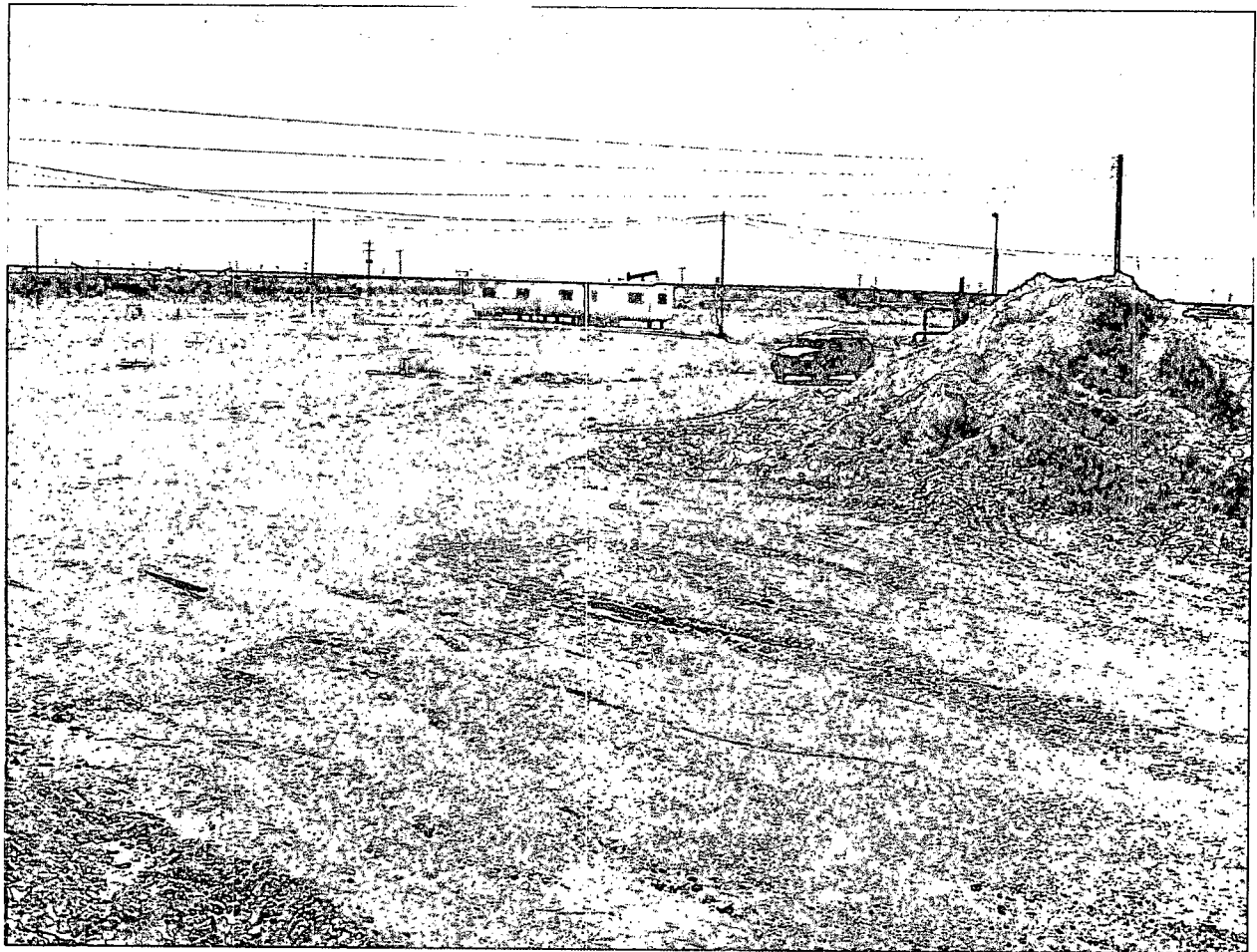
Targa Midstream Services, L.P., Eunice #1 (South) Compressor Station
– Looking Northeast at #3 Brine Pond from Southwest Corner



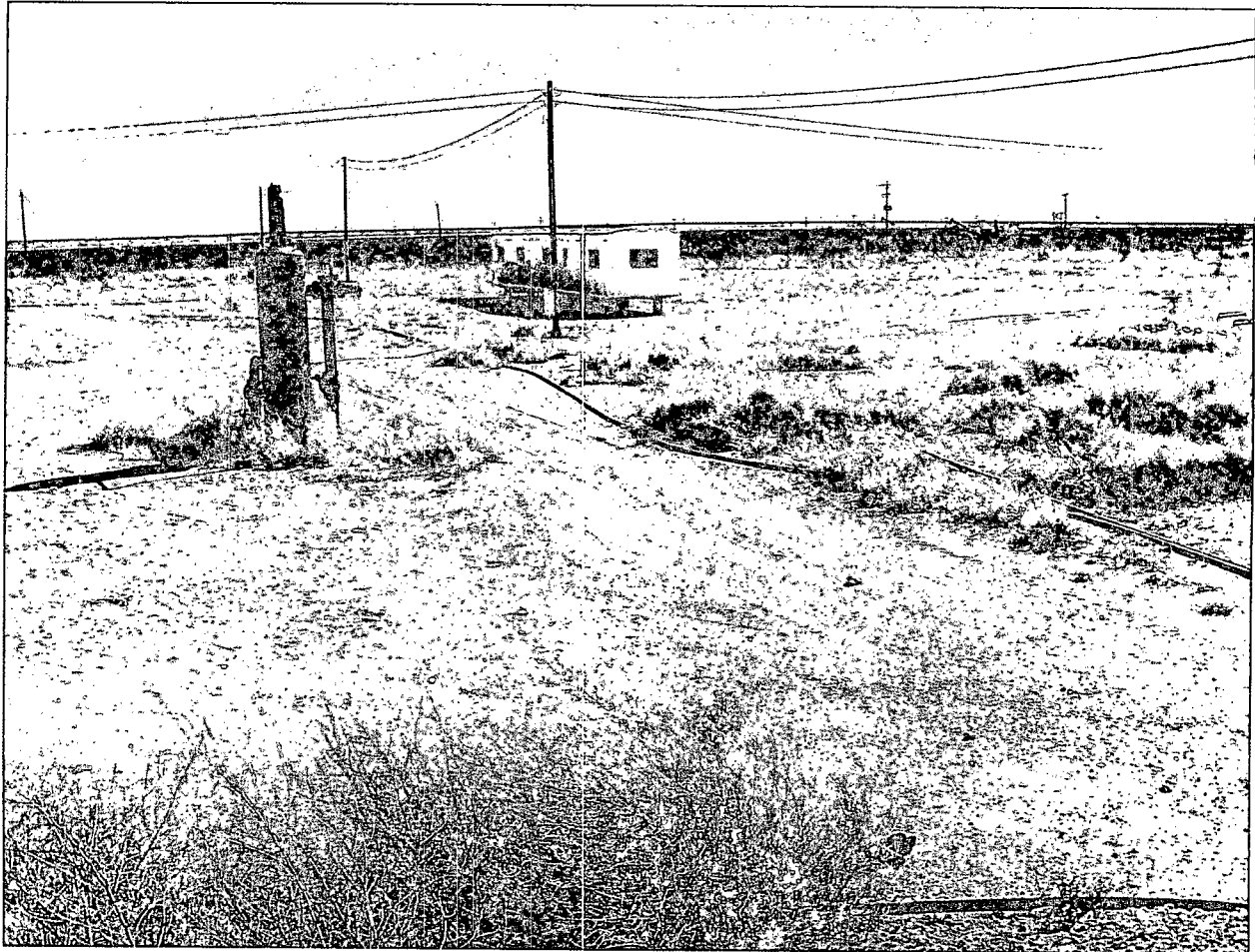
Targa Midstream Services, L.P., Eunice #1 (South) Compressor Station
– Looking East at #2 (North) Pond (Closed) from Southeast Corner of
#3 Brine Pond



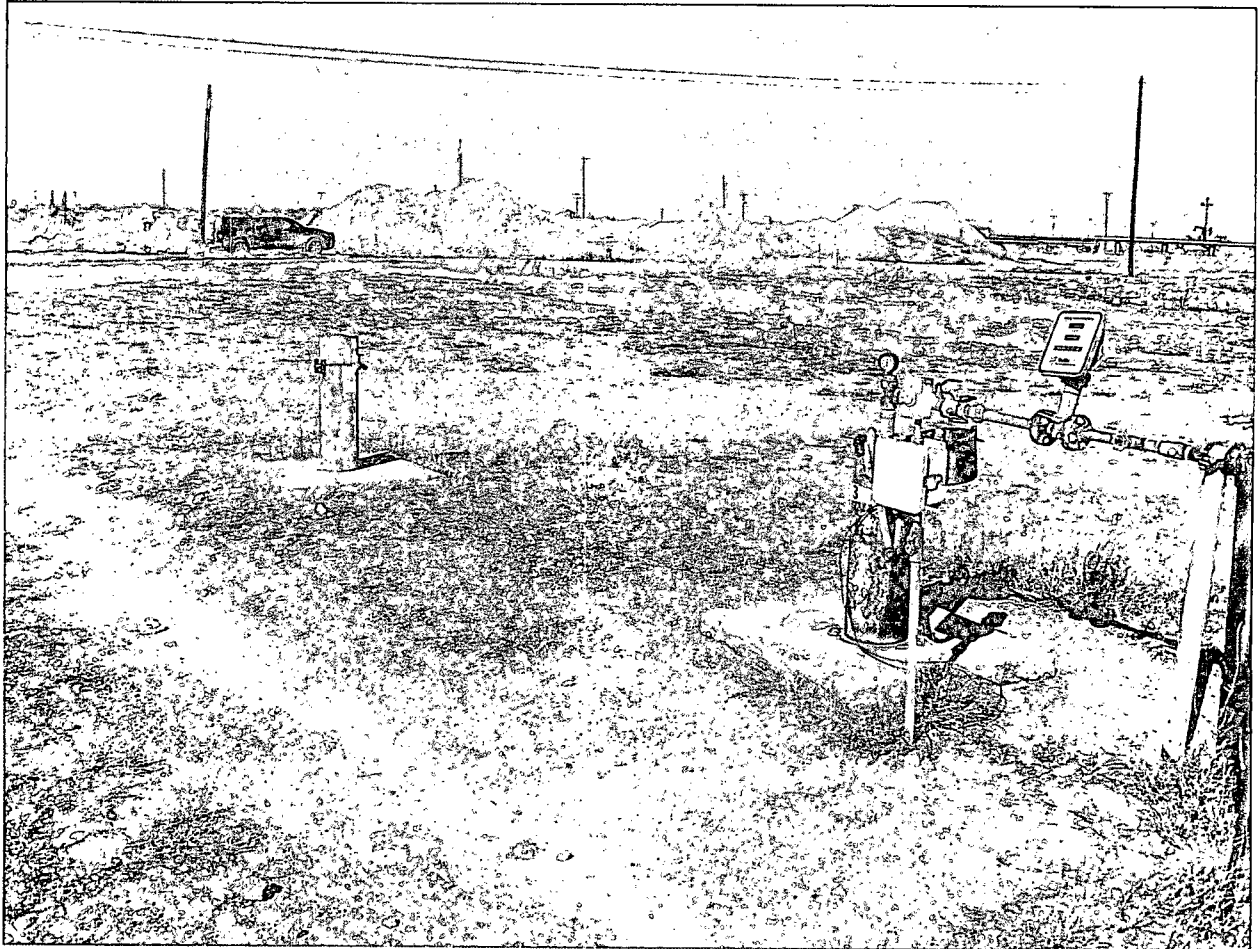
Targa Midstream Services, L.P., Eunice #1 (South) Compressor Station
– Looking Northeast at #2 (North) Pond (Closed) from Southeast Corner
of #3 Brine Pond



Targa Midstream Services, L.P., Eunice #1 (South) Compressor Station
– Looking Southeast at #4 (South) Pond (Closed) from Southeast Corner
of #3 Brine Pond



Targa Midstream Services, L.P., Eunice #1 (South) Compressor Station
– Looking Southeast at #4 (South) Pond (Closed) from Southeast Corner
of #3 Brine Pond



Targa Midstream Services, L.P., Eunice #1 (South) Compressor Station
– Looking Northwest at #3 Brine Pond from Monitoring Well MW-22
(located between Closed #2 (North) and #4 (South) Ponds)

Chloride in Soil Samples from #2 (North) #3 (West) and #4 (South) Ponds
Eunice #1 (South) Plant
Lea County, New Mexico

#2 (North) Pond Soil Samples and Chloride Results, 01/07/2000					
Depth (Feet)	Unit	Boring N-1 (Southeast)	Boring N-2 (Northeast)	Boring N-3 (Northwest)	Boring N-4 (Southwest)
3 - 4	mg/Kg	1500	170000	5000	7100
10 - 11	mg/Kg	9900	31000	9200	13000
20 - 21	mg/Kg	17000	12000	9300	12000
30 - 31	mg/Kg	6400	7100	3100	8400
40 - 41	mg/Kg	7400	2800	1500	7400
46 - 47	mg/Kg	--	1700	2300	--
#4 (South) Pond Soil Samples and Chloride Results, 01/06/2000					
Depth (Feet)	Unit	Boring S-1 (Southeast)	Boring S-2 (Northeast)	Boring S-3 (Northwest)	Boring S-4 (Southwest)
2.5 - 3.5	mg/Kg	3800	540	2400	2000
10 - 11	mg/Kg	3800	830	430	490
20 - 21	mg/Kg	1100	210	92	59
30 - 31	mg/Kg	670	--	86	78
35 - 36	mg/Kg	640	96	73	89
#3 (West) Pond Soil Samples and Chloride Results, 07/18/2007					
Depth (Feet)	Unit	Boring SW	Boring NW	Boring SE	Boring SW
0	mg/Kg	939	46200	4280	30800
5	mg/Kg	1620	20200	9850	1760
10	mg/Kg	1190	25000	33900	2400
15	mg/Kg	231	5060	28100	600
20	mg/Kg	338	774	18300	741
30	mg/Kg	807	1250	25400	563
40	mg/Kg	239	826	17400	820
Depth (Feet)	Unit	Boring Center			
0	mg/Kg	46000			
5	mg/Kg	23900			
10	mg/Kg	4510			
15	mg/Kg	3670			
20	mg/Kg	371			
30	mg/Kg	503			
40	mg/Kg	385			

Notes:

1. mg/Kg: Milligrams per kilogram

Targa Midstream Services, L.P.
Eunice #1 (South) Compressor Station
Pond Closure Summary

This summary is for two (2) ponds (#2 and #4) that were closed by Texaco Exploration & Production, Inc. (TEPI) and are located immediately east of pond #3 pond.

October 5, 2000

OCD approves closure of the #2 (North) and #4 (South) ponds based on investigation results submitted on behalf of TEPI by Highlander Environmental Corp., including the following:

- Required no delineation of soil impacts at the #2 (North) pond which had chloride concentrations in soil ranging from 1,700 mg/Kg to 170,000 mg/Kg;
- Required no delineation of soil impacts at the #4 (South) pond which had chloride concentrations in soil ranging from 73 mg/Kg to 3,800 mg/Kg;
- Approved depositing 888 cubic yards of chloride-contaminated sediment from the #2 (North) pond into the #4 (South) pond which had chloride concentrations between 49,000 mg/Kg and 120,000 mg/Kg;
- Allowed liner from #4 (South) pond to be folded inward and covered with liner from #2 (North) pond;
- Allowed collapsing berms to fill the #2 (North) and #4 (South) ponds and cover with 18 to 36 inches of compacted clay.
- Residual chloride in soil beneath the #2 (North) pond ranges from 1,700 mg/Kg to 170,000 mg/Kg.
- Residual chloride in soil beneath the #4 (South) pond ranges from 73 mg/Kg to 3,800 mg/Kg.

April 21, 2003

Chloride reported in groundwater:	NW	MWD-2	22,100 mg/L
	NW	MW-4	10,300 mg/L
	SE	MWD-14	38,100 mg/L
	NE	MW-23	13,100 mg/L
	NE	MWD-9	23,500 mg/L
	E	MW-22	16,200 mg/L
	E	MWD-3	47,600 mg/L

October 20, 2003

Chloride reported in groundwater:	NW	MWD-2	19,800 mg/L
	NW	MW-4	--
	SE	MWD-14	18,400 mg/L
	NE	MW-23	--
	NE	MWD-9	29,200 mg/L
	E	MW-22	--
	E	MWD-3	58,300 mg/L

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April 1, 2008

VIA EMAIL: wprice@state.nm.us

VIA CERTIFIED MAIL

Mr. Wayne Price, Chief
State of New Mexico – Department of Natural Resources
Oil Conservation Division – Environmental Bureau
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

Re: Brine Pond #3 Closure Report
Targa Midstream Services, L.P., Eunice South Compressor Station (GW-0344)
Unit F (SE/4, NW/4), Section 27, Township 22 South, Range 37 East
Lea County, New Mexico

Dear Mr. Price:

This report is submitted to the New Mexico Oil Conservation Division (OCD) on behalf of Targa Midstream Services, L.P. (TMS) by Larson & Associates, Inc. (LAI), its consultant, to document closure of the #3 Brine pond (Site) at the Eunice #1 (South) Compressor Station (Facility). The Site is located in unit F (SE/4, NW/4), Section 27, Township 22 South, Range 37 East, in Lea County, New Mexico. The latitude and longitude is 32° 21' 47.7" north and 103° 09' 14.4" west, respectively. The pond was closed between January 28, 2008 and March 6, 2008, according to a closure plan that was approved by the OCD on January 22, 2008 (*"Revised Closure Plan - #3 Brine Pond, Targa Midstream Services, L.P., Eunice South Compressor Station (GW-0344), Unit F (SE/4, NW/4), Section 27, Township 22 South, Range 37 East, Lea County, New Mexico, January 11, 2008"*). Figure 1 presents a location and topographic map. Appendix A presents the OCD closure approval.

Background

The OCD required TMS to close the pond as a condition (#16.A.B.) for renewal of the Facility's discharge permit (GW-0344). In June 2007, TMS removed the liner and salt residue for disposal at Controlled Recovery, Inc. (CRI) located on U.S. Highway 62/180 between Hobbs and Carlsbad, New Mexico. A small amount of contaminated soil was also disposed at Sundance Disposal Services, Inc., located east of Eunice, New Mexico. The pond was originally excavated to about 8 feet below ground surface (bgs) with an earthen berm approximately 8 feet high.

In July 2007, LAI collected soil samples at five (5) locations (center, NE, NW, SE and SW) using an air-rotary rig. The soil samples were collected from 0, 5, 10, 15, 20, 30 and 40 feet below the pond and analyzed by DHL Analytical Laboratories, Inc., for total petroleum hydrocarbons (TPH) using

Mr. Wayne Price
April 1, 2008
Page 2

method SW-846-8015 for gasoline (GRO) and diesel (DRO) range organics and chloride. Select samples were also analyzed for benzene, toluene, ethylbenzene and xylene (BTEX) using method SW-846-8021B.

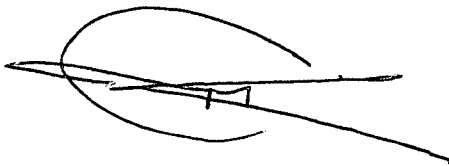
No BTEX was reported in the samples above the method detection limits (MDL). The highest TPH was 338.2 milligrams per kilogram (mg/Kg) in the 30 foot sample from the NW location. The TPH decreased at the NW location to 0.0681 mg/Kg in the 40 foot sample. Chloride was less than 1,000 mg/Kg in all 40 foot samples except at the SE location where chloride was 17,400 mg/Kg. Figure 2 presents a Facility drawing showing the Site location. Figure 3 presents a Site drawing.

Site Closure

Between January 28, 2008 and February 14, 2008, E.D. Walton Construction Company Inc. imported approximately 1,600 cubic yards of clay to line the bottom of the pond excavation. The clay was spread across the bottom of the pond approximately 2 feet thick near the center and 1 foot thick near the edges. A rolling compactor was used to compact the clay before soil from the berm was used to completely fill the pond excavation. The surface was crowned slightly for drainage. Site closure was completed on March 6, 2008. Figure 4 presents a cross section of the pond closure. TMS proposes to seed the Site after observance for settling. TMS appreciates OCD cooperation in this matter and closure approval. Please call Mr. Cal Wrangham with TMS at (432) 688-0542) or email at cwrangham@targaresources.com, if you have questions. I may be reached with questions at (432) 687-0901 or email mark@laenvironmental.com.

Sincerely,

Larson & Associates, Inc.



Mark J. Larson, P.G., C.P.G., GC.G.W.P.
Senior Project Manager

Encl.

cc: Cal Wrangham – TMS
James Lingnau – TMS
Larry Johnson – OCD District 1

Figures

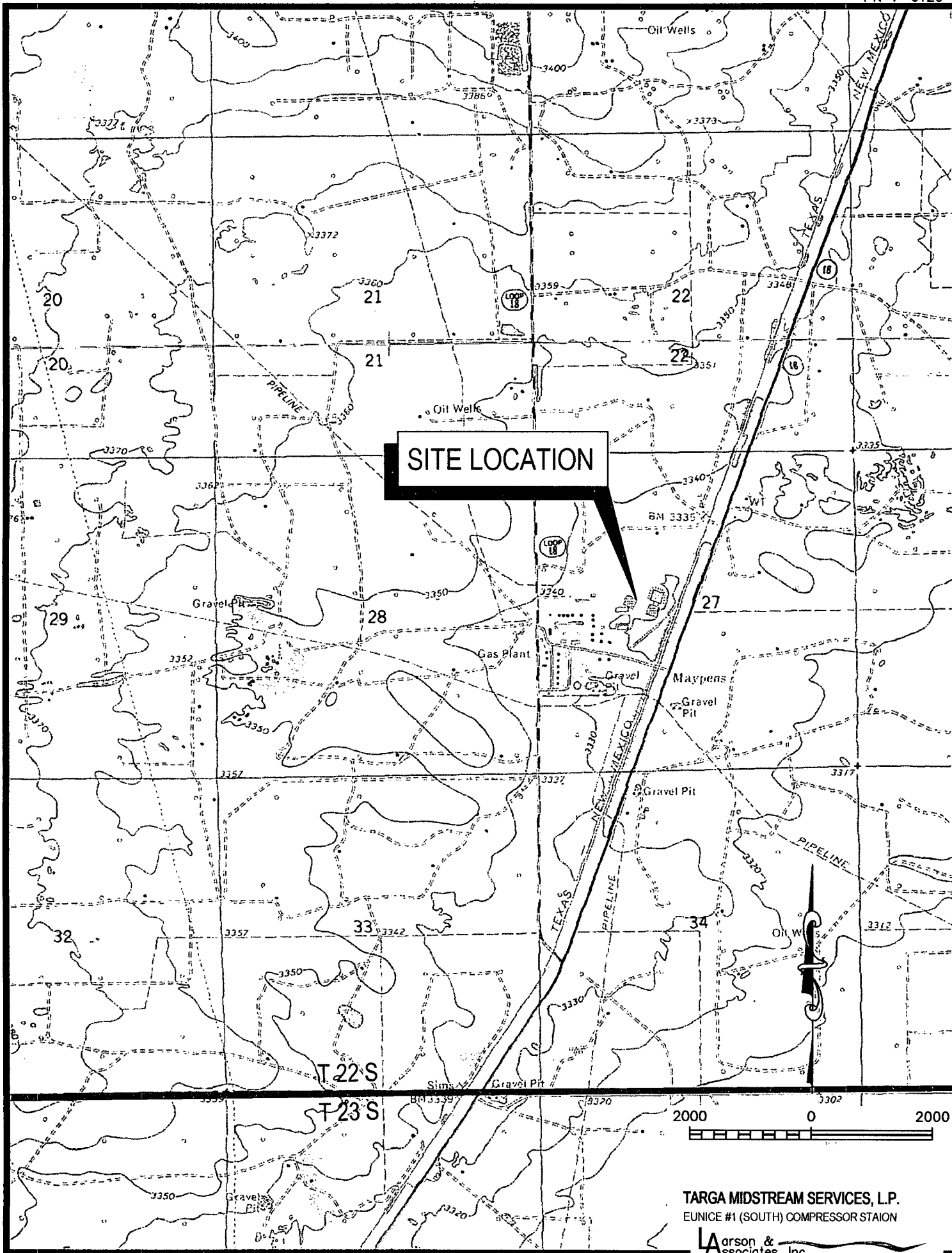
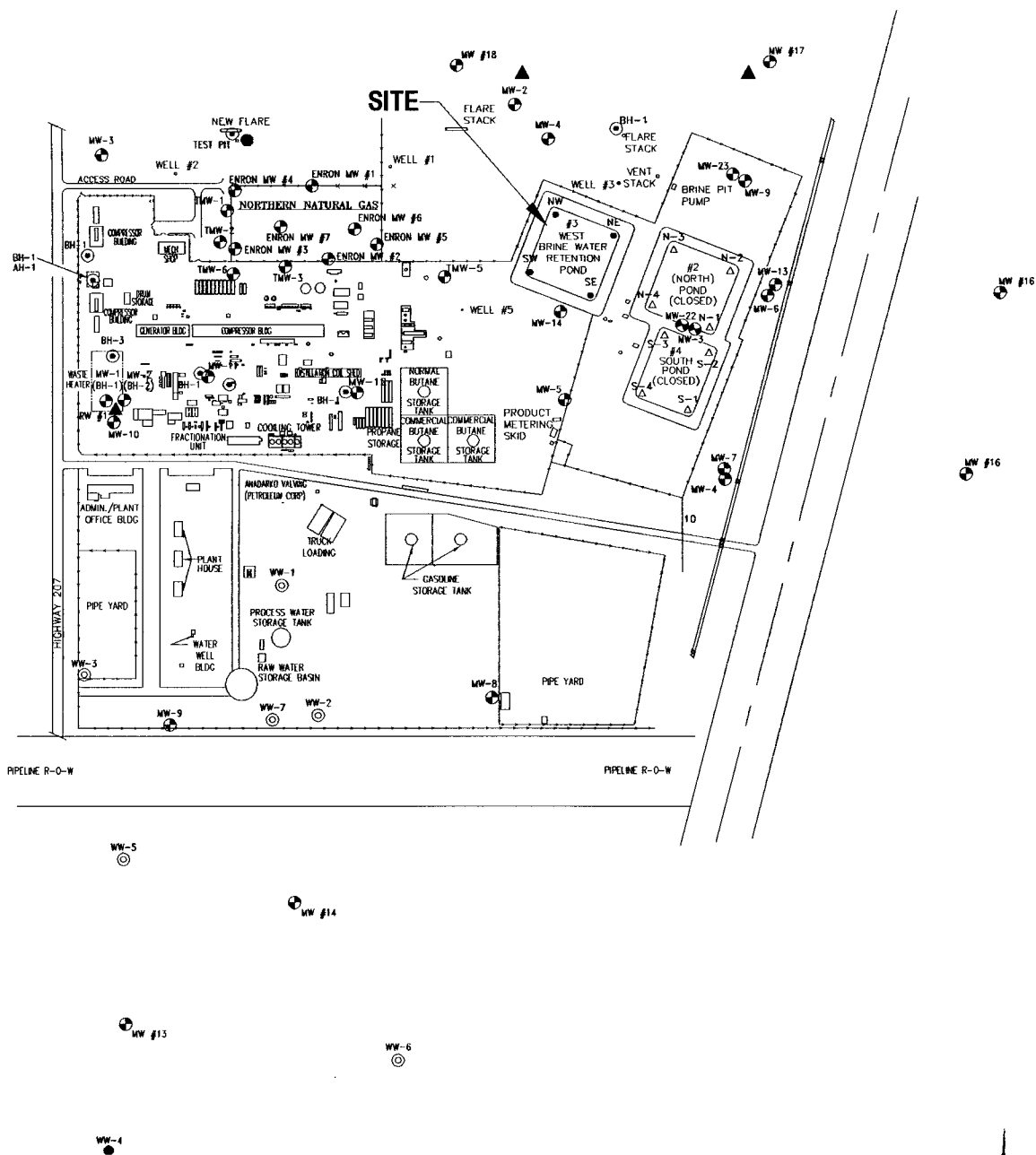


FIGURE 1- TOPOGRAPHIC MAP

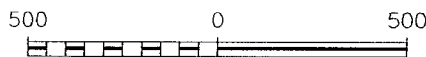
TARGA MIDSTREAM SERVICES, L.P.
EUNICE #1 (SOUTH) COMPRESSOR STATION

Larson & Associates, Inc.
Environmental Consultants



LEGEND

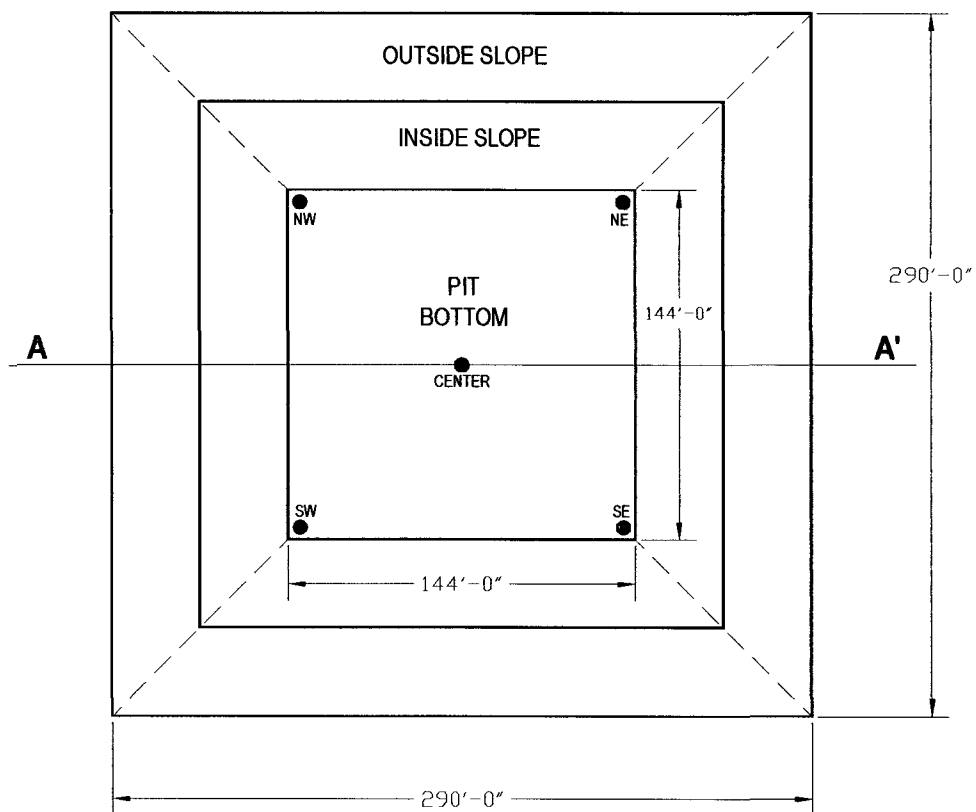
- ▲ RECOVERY WELL LOCATION
- NW SOIL BORING LOCATION, JULY 2007
- △ S-1 BOREHOLE LOCATION, JANUARY 2000
- NW BOREHOLE LOCATION, JULY 2007
- ⊙ BH-1 BOREHOLE LOCATION
- ⊙ MW-1 MONITOR WELL LOCATION
- ⊙ WW-1 WATER WELL LOCATION (INACTIVE)
- WW-4 WATER WELL LOCATION (ACTIVE)



TARGA MIDSTREAM SERVICES, L.P.
EUNICE #1 (SOUTH) COMPRESSOR STATION

Laarson &
ssociates, Inc.
Environmental Consultants

FIGURE 2- FACILITY DRAWING



LEGEND

● NW
SOIL BORING LOCATION, JULY 2007

A-A' CROSS SECTION LOCATION.

TARGA MIDSTREAM SERVICES, L.P.
EUNICE #1 (SOUTH) COMPRESSOR STATION

LA Larson & Associates, Inc.
Environmental Consultants

FIGURE 3- POND # 3 DRAWING

A' 390'-0"

DEPTH, FEET
BELOW GRADE

+1'-
-0'-
-5'-
-7'-
-8'-

PIT AREA

SOIL

CLAY

NATIVE SOIL

NATIVE GROUND
SURFACE

1" = 10'
VERTICAL
SCALE

1" = 50'
HORIZONTAL
SCALE

REFER TO FIGURE 3 FOR LOCATION

TARGA MIDSTREAM SERVICES, L.P.
EUNICE #1 (SOUTH) COMPRESSOR STATION

Arson &
Associates, Inc.
Environmental Consultants

Appendix A

OCD Closure Plan Approval

Wrangham, Calvin W.

From: Price, Wayne, EMNRD [wayne.price@state.nm.us]
Sent: Tuesday, January 22, 2008 2:02 PM
To: Wrangham, Calvin W.
Cc: Chavez, Carl J, EMNRD
Subject: GW-0344 Brine Pond Closure

OCD is in receipt of the revised closure plan for the #3 brine pond for the Eunice south compressor station. OCD hereby approves of the plan.

Please be advised that OCD approval of this plan does not relieve the owner/operator of responsibility should their operations fail to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, OCD approval does not relieve the owner/operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Wayne Price-Environmental Bureau Chief
Oil Conservation Division
1220 S. Saint Francis
Santa Fe, NM 87505
E-mail wayne.price@state.nm.us
Tele: 505-476-3490
Fax: 505-476-3462

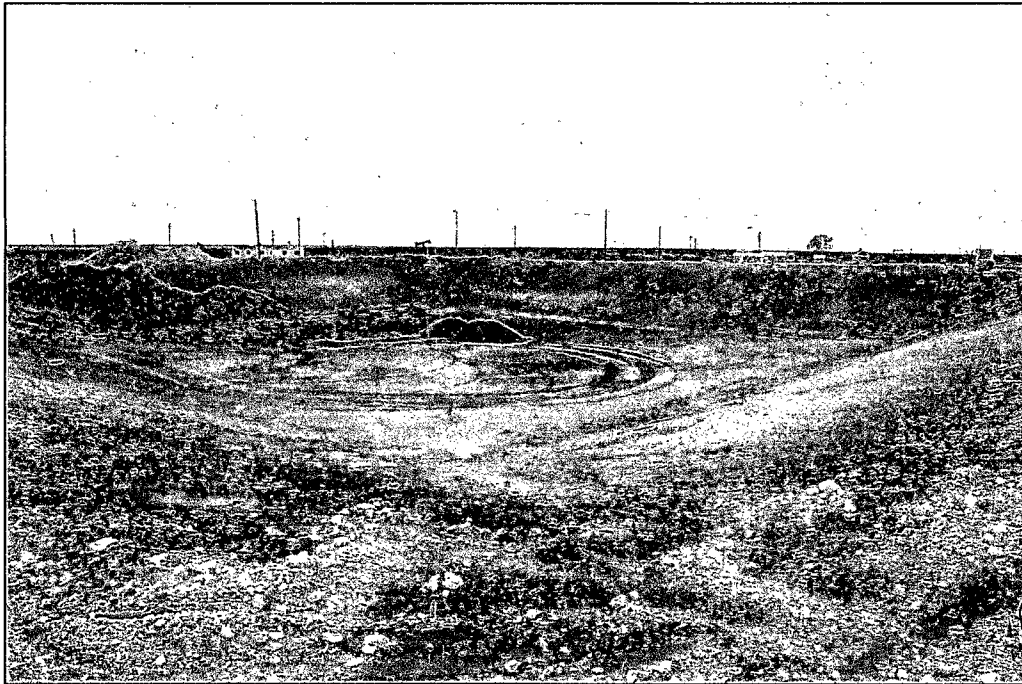
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1/22/2008

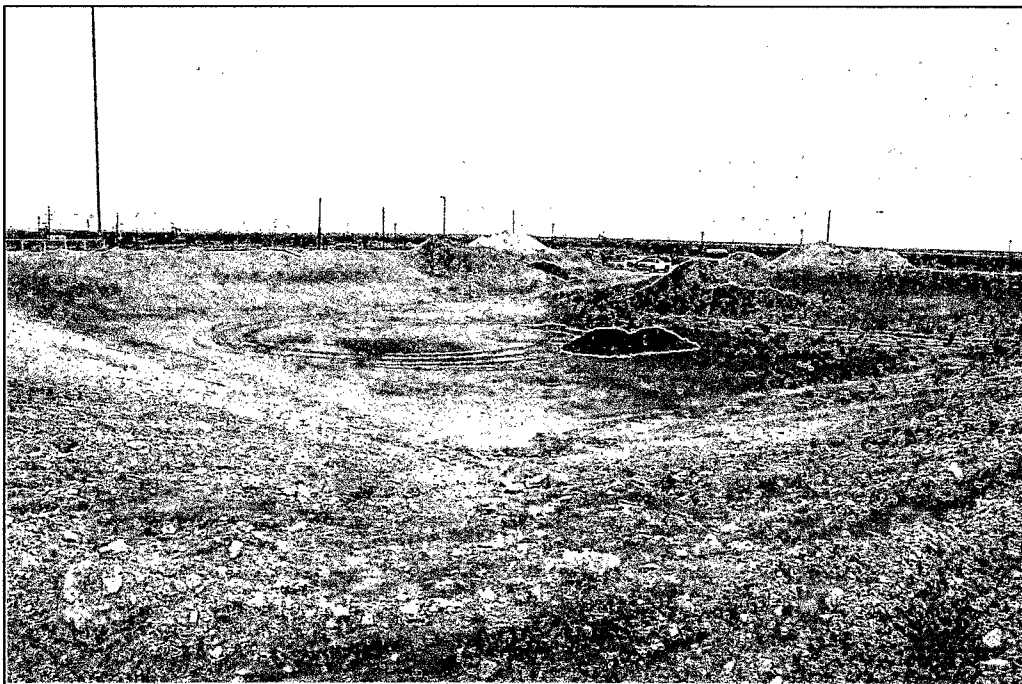
Appendix B

Photographs

TARGA MIDSTREAM SERVICES L.P.
EUNICE SOUTH COMPRESSOR STATION (GW-0344)

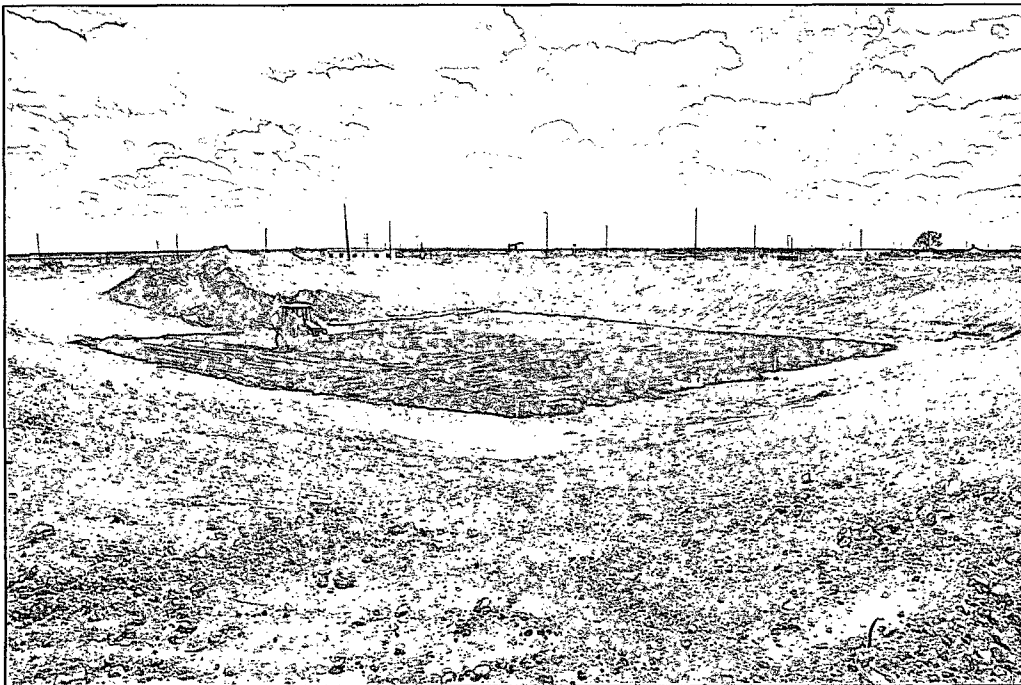


1. Brine Pond # 3 Clay Barrier Installation Looking Southeast, January 28, 2008.

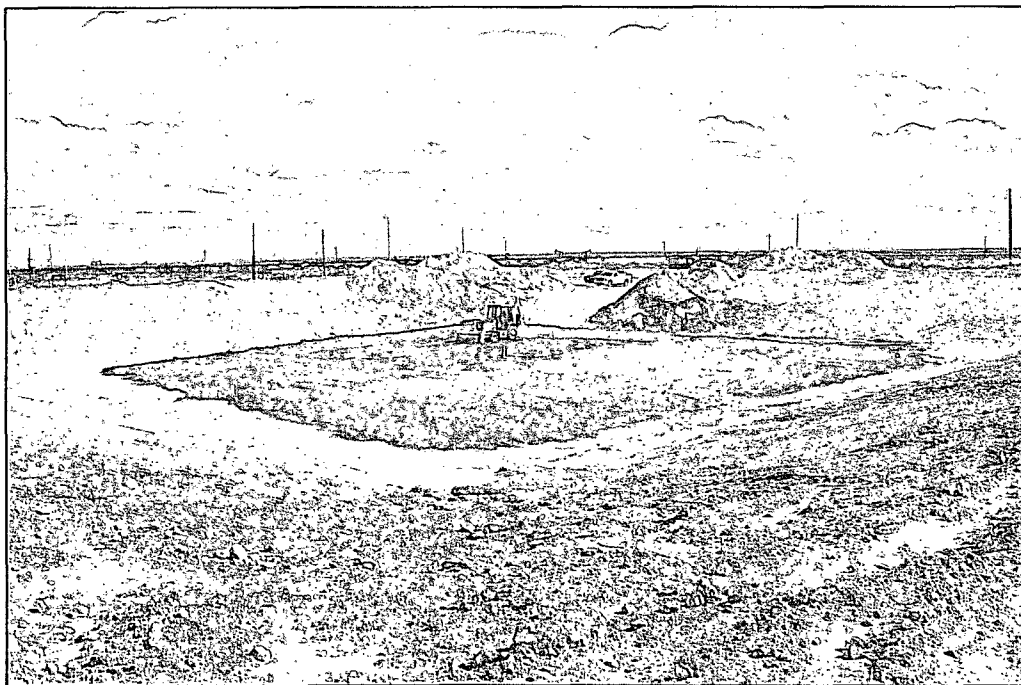


2. Brine Pond # 3 Clay Barrier Installation Looking Northeast, January 28, 2008.

**TARGA MIDSTREAM SERVICES L.P.
EUNICE SOUTH COMPRESSOR STATION (GW-0344)**

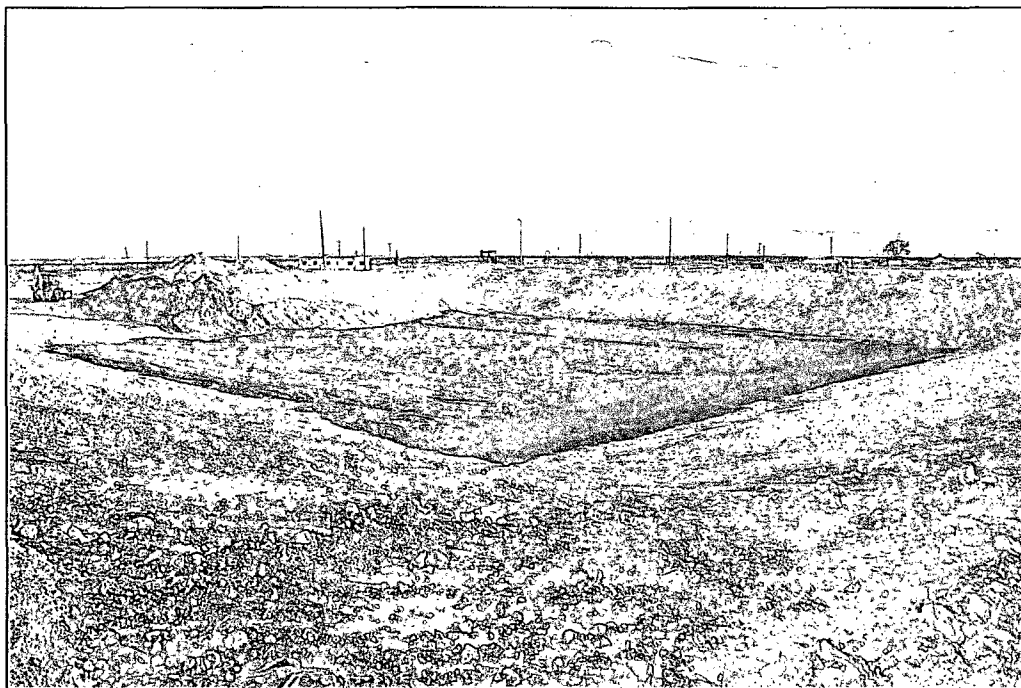


**3. Brine Pond # 3 Clay Barrier Installation Looking
Southeast, February 5, 2008.**

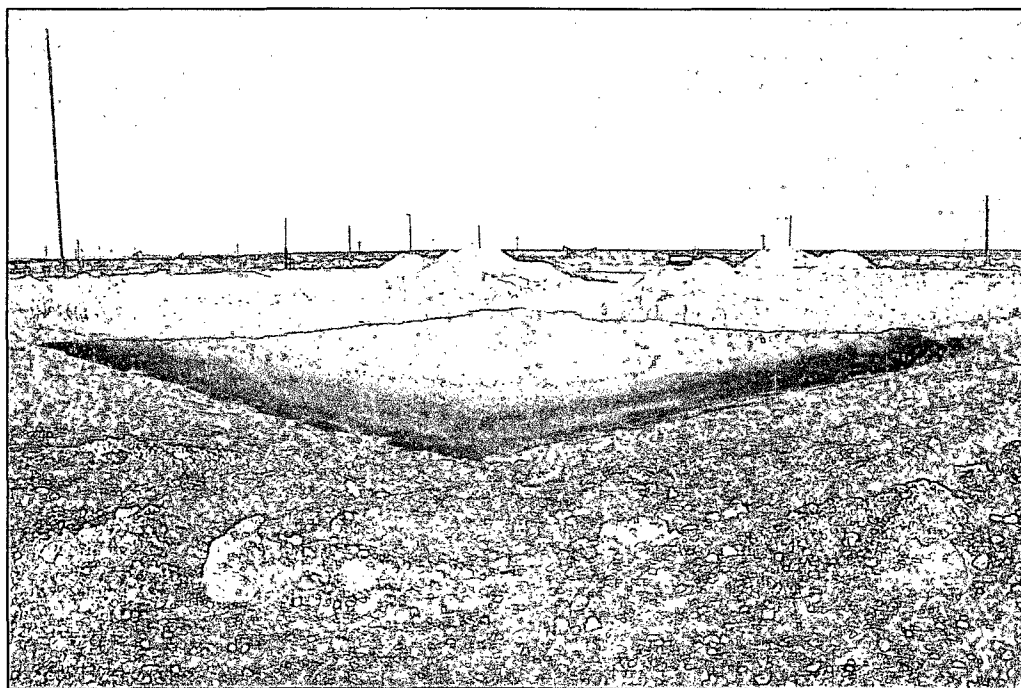


**4. Brine Pond # 3 Clay Barrier Installation Looking
Northeast, February 5, 2008.**

**TARGA MIDSTREAM SERVICES L.P.
EUNICE SOUTH COMPRESSOR STATION (GW-0344)**

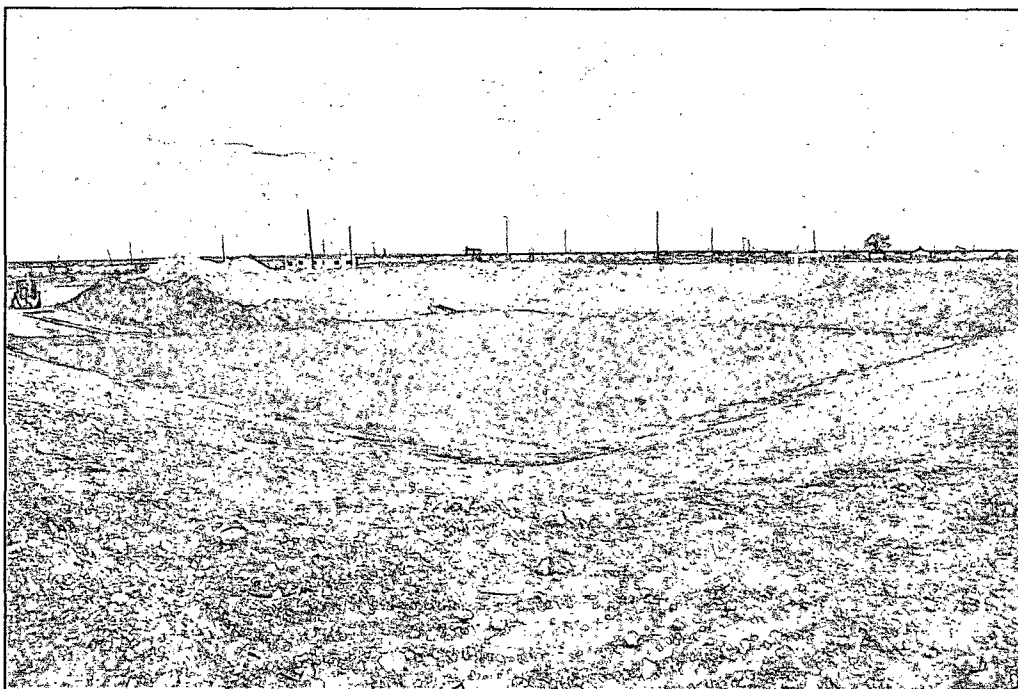


**5. Brine Pond # 3 Clay Barrier Installation Looking
Southeast, February 11, 2008.**

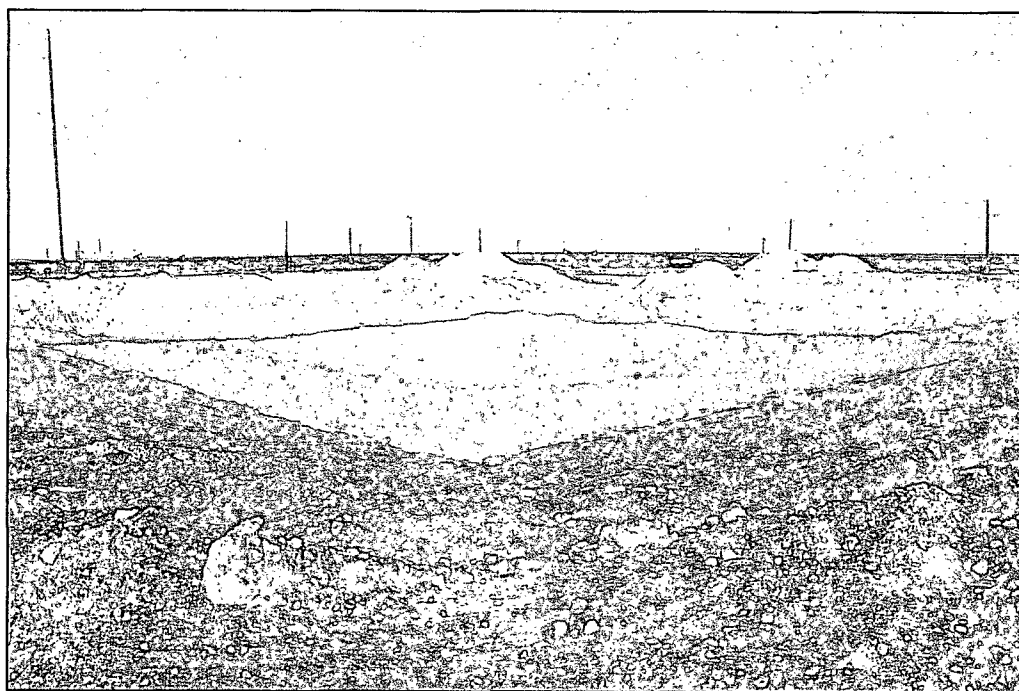


**6. Brine Pond # 3 Clay Barrier Installation Looking
Northeast, February 11, 2008.**

TARGA MIDSTREAM SERVICES L.P.
EUNICE SOUTH COMPRESSOR STATION (GW-0344)

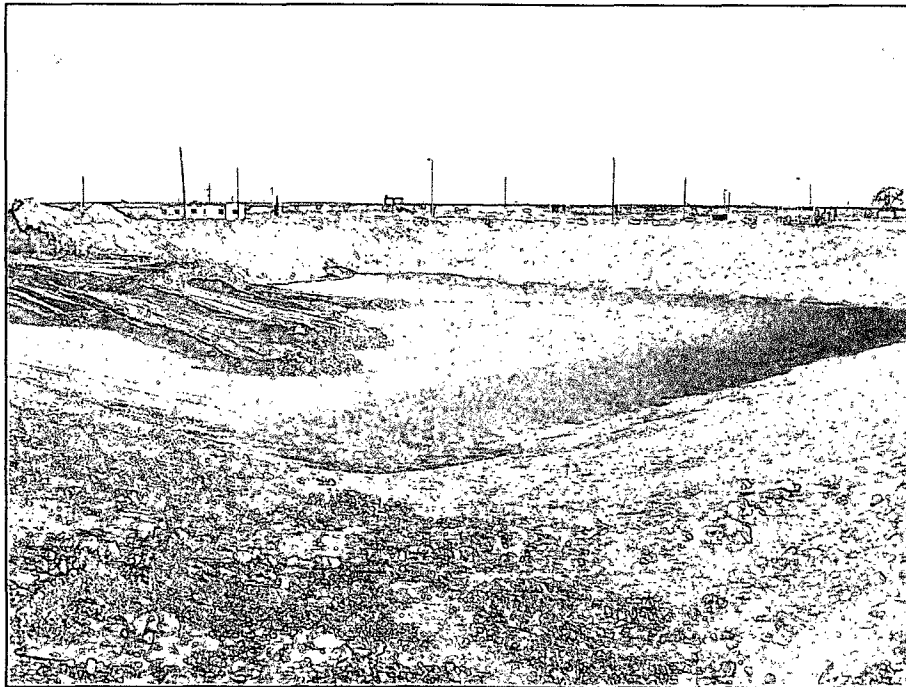


7. Brine Pond # 3 Finished Clay Barrier Installation
Looking Southeast, February 14, 2008.

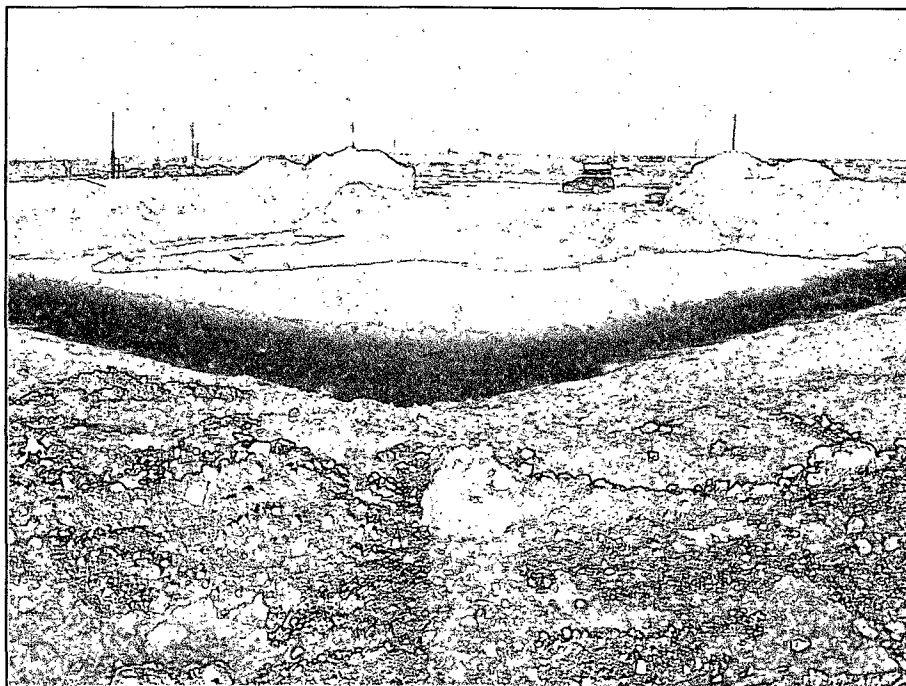


8. Brine Pond # 3 Finished Clay Barrier Installation
Looking Northeast, February 14, 2008.

TARGA MIDSTREAM SERVICES L.P.
EUNICE SOUTH COMPRESSOR STATION (GW-0344)

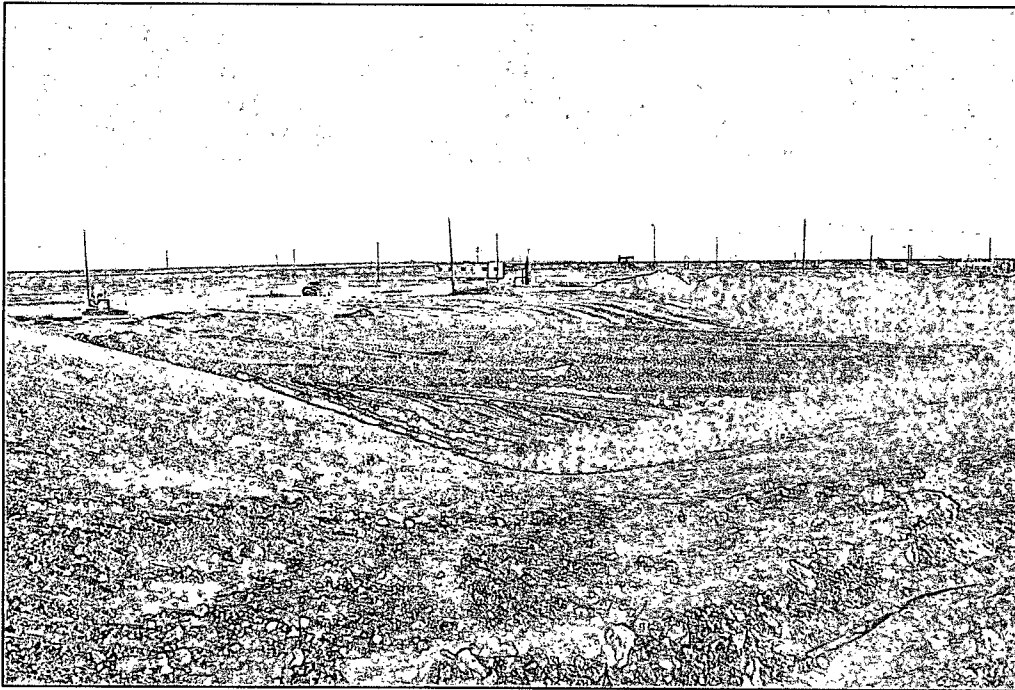


**9. Brine Pond # 3 Filling Looking Southeast,
February 19, 2008.**

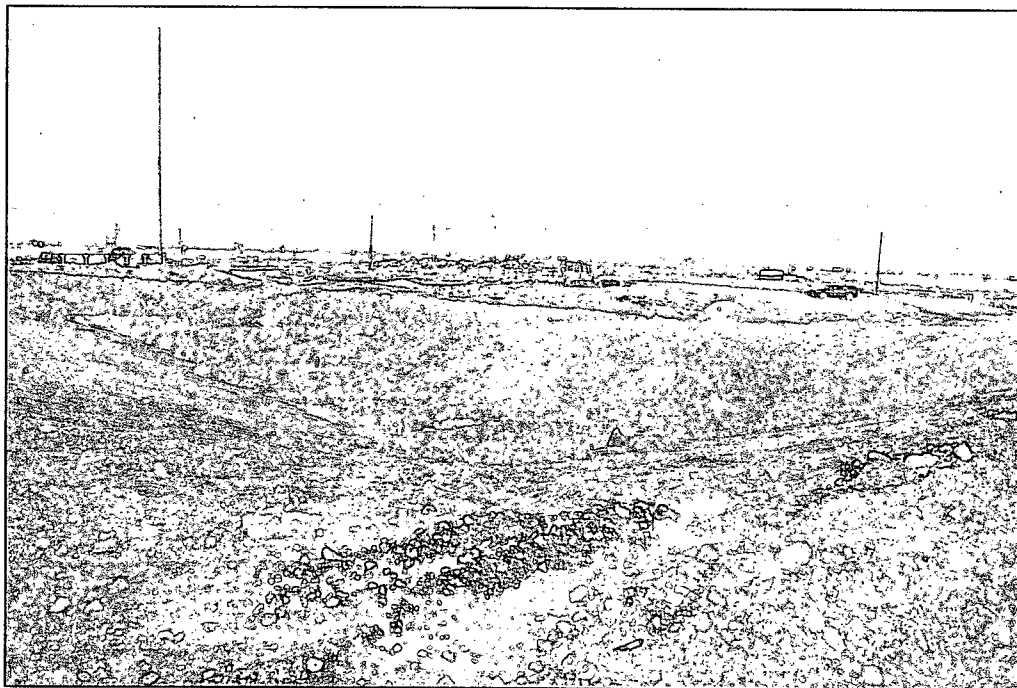


**10. Brine Pond # 3 Filling Looking Northeast,
February 19, 2008.**

TARGA MIDSTREAM SERVICES L.P.
EUNICE SOUTH COMPRESSOR STATION (GW-0344)

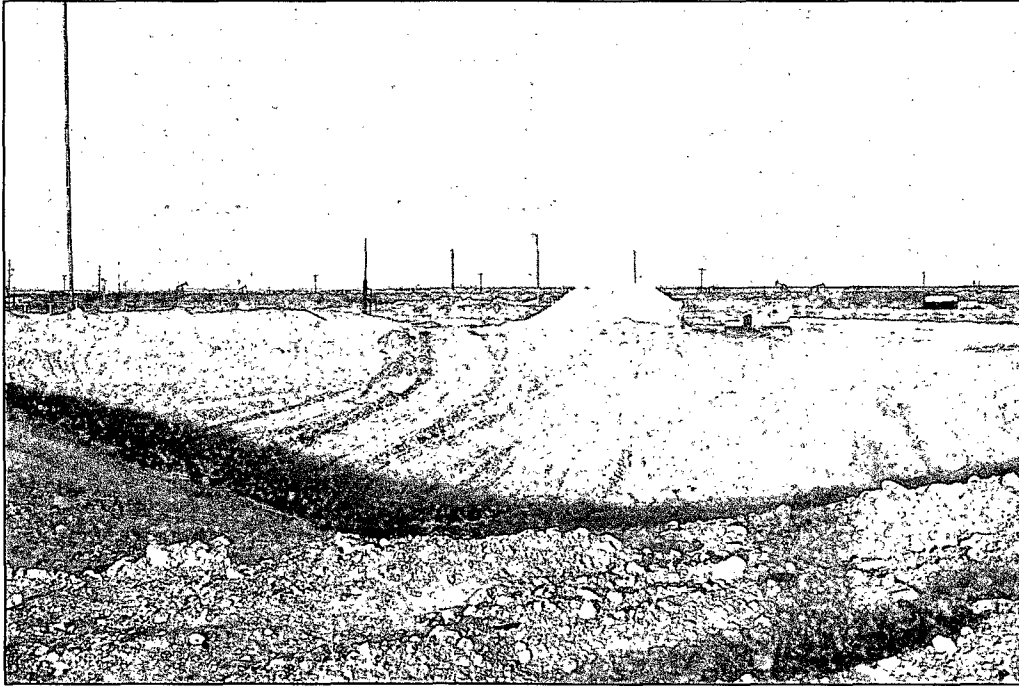


11. Brine Pond # 3 Filling Looking Southeast,
February 21, 2008.

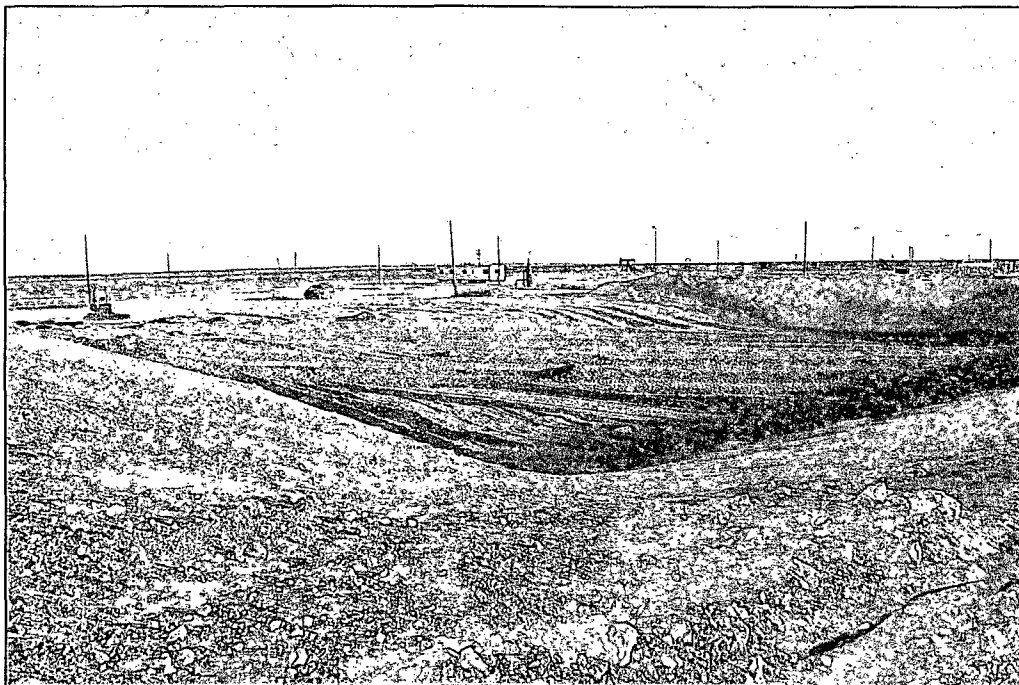


12. Brine Pond # 3 Filling Looking Northeast,
February 25, 2008.

TARGA MIDSTREAM SERVICES L.P.
EUNICE SOUTH COMPRESSOR STATION (GW-0344)

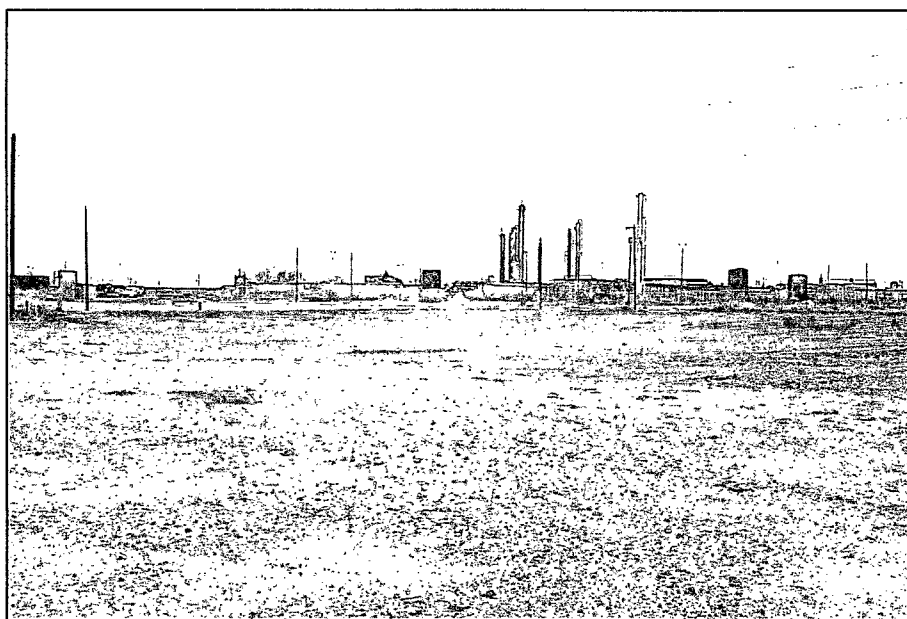


**13. Brine Pond # 3 Filling Looking Northeast,
March 3, 2008.**

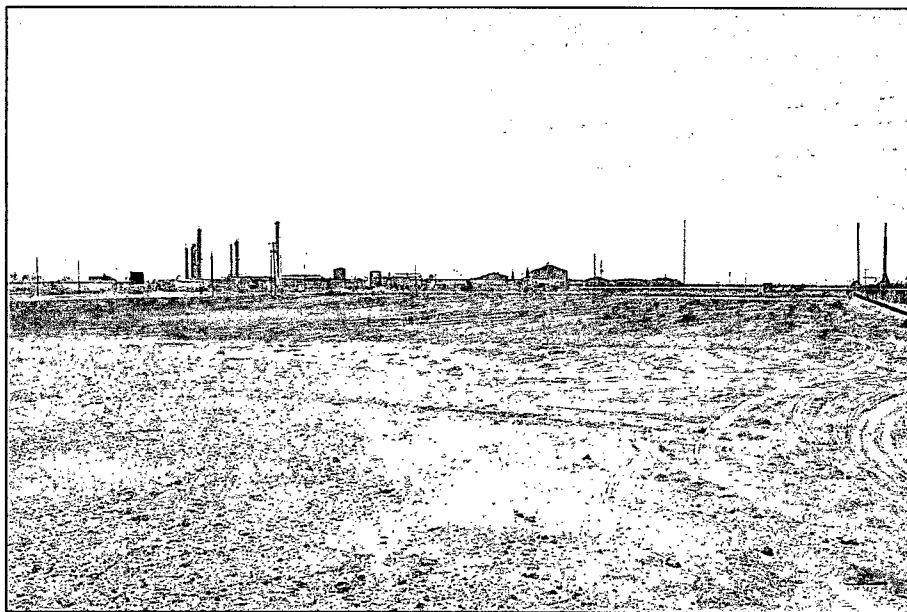


**14. Brine Pond # 3 Filling Looking Southeast, March 3,
2008.**

TARGA MIDSTREAM SERVICES L.P.
EUNICE SOUTH COMPRESSOR STATION (GW-0344)



**15. Brine Pond # 3 Filled Looking Southwest,
March 13, 2008.**



**16. Brine Pond # 3 Filled Looking West, March
13, 2008.**

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October 8, 2007

VIA CERTIFIED MAIL

Mr. Wayne Price
Bureau Chief
New Mexico Oil Conservation Division
1220 So. St. Francis Drive
Santa Fe, New Mexico 87505

**Re: Brine Pond Investigation Report and Closure Plan, Targa Midstream Services, L.P.,
Eunice South Compressor Station (GW-0344), Unit F (SE/4, NW/4), Section 27,
Township 22 South, Range 37 East, Lea County, New Mexico**

Dear Mr. Price:

Larson & Associates, Inc. (LAI) has been retained by Targa Midstream Services, L.P. (TMS) to investigate soils beneath a lined pond (Brine Pond #3) as a condition (#16.A.B.) for renewal of discharge permit GW-0344 for the Eunice South Compressor Station (Facility). The Facility is located approximately 4 miles south of Eunice, New Mexico in unit F (SE/4, NW/4), Section 27, Township 22 South, Range 37 East, in Lea County, New Mexico.

Background and Setting

Brine Pond #3 is located near the northeast corner of the Facility and was one of three ponds which were used at the Facility to store wastewater and brine water. Two (2) ponds (North and South) were located east of Brine Pond #3 and are closed. Brine Pond #3 was lined with high-density polyethylene (HDPE) material and is about 8 feet deep. The pond stored brine water that was displaced from underground cavern wells that stored liquefied petroleum gas (LPG). The cavern wells are no longer used and the New Mexico Oil Conservation Division (OCD) has requested TMS to close the pond as a condition for renewal of the discharge permit. Figure 1 presents a Facility drawing.

In June 2007, TMS contracted with Controlled Recovery, Inc. (CRI) to dispose salt-contaminated sediment and the HDPE liner at its facility located near Carlsbad, New Mexico. E.D. Walton Construction Company, Inc. hauled a small amount of soil to Sundance Disposal Services, located east of Eunice, New Mexico.

Groundwater occurs at about 50 feet below ground surface (bgs) in the Ogallala formation and flows to the southeast at a gradient of approximately 0.001 feet per foot (ft/ft). Earlier investigations by Texaco Exploration and Production, Inc. (TEPI), as the former owner and responsible party for

groundwater remediation, reported chloride concentrations from about 1,500 milligrams per liter (mg/L) to 5,500 mg/L in groundwater samples from monitoring wells in the vicinity of the ponds.

Soil Investigation

On July 18, 2007, LAI contracted with Scarborough Drilling, Inc., to collect soil samples from five (5) air-rotary drilled borings that were installed near the corners and center of the pond. Soil samples were collected using split-spoon and jam tube samplers at ground surface, 5, 10, 15, 20, 30 and 40 feet below the pond. The pond was excavated to approximately eight (8) feet bgs. The samples were collected in clean 4-ounce glass sample jars, labeled, chilled in an ice chest to 4° centigrade and delivered under chain of custody control to DHL Analytical Laboratories (DHL) located in Round Rock, Texas.

A portion of each sample was also collected in an 8-ounce glass jar for headspace analysis. The headspace jars were filled to leave a vacant headspace near the top of the jar and sealed with a layer of aluminum foil before replacing the cap. The headspace samples were tested after about 30 minutes at ambient temperature with a RAE Instruments Model 2000 photoionization detector (PID) that was calibrated to 100 parts per million (ppm) isobutylene. The PID probe was passed through the aluminum foil into the headspace and the maximum concentration of organic vapors was measured in ppm. The headspace results showed that soil samples from the center boring from ground surface, 5 and 10 feet were greater than 100 ppm. The laboratory analyzed these samples for benzene, toluene, ethylbenzene and xylene (BTEX) by method 8021B. The laboratory analyzed all samples for total petroleum hydrocarbons (TPH) by method 8015 for gasoline range organics (GRO) and diesel range organics (DRO), and chloride by method 300. Table 1 presents a summary of the TPH analysis. Table 2 presents a summary of the BTEX analysis. Table 3 presents a summary of the chloride analysis. Appendix A presents the laboratory report.

Results and Conclusions

Referring to Table 1, the highest TPH concentration was 338.2 milligrams per kilogram (mg/Kg) and was reported in the 30' sample from the northwest (NW) boring. The TPH concentration for the 20' sample was less than the method detection limit (<6.1998 mg/Kg) and the TPH concentration in the 40' sample was 0.0681 mg/Kg. The TPH in the remaining samples was less than 21.117 mg/Kg. The results do not suggest that a TPH release has occurred.

Referring to Table 2, no BTEX was reported in samples collected from the center boring which conclude a BTEX release has not occurred.

Referring to Table 3, chloride was elevated in soil samples from all borings to about 15 feet below the pond. The chloride concentrations were below 1,000 mg/Kg at 40 feet, except samples from the southeast boring, which reported chloride at 17,400 mg/Kg in the sample from 40'. The chloride results conclude that a release may have occurred near the southeast corner of the pond.

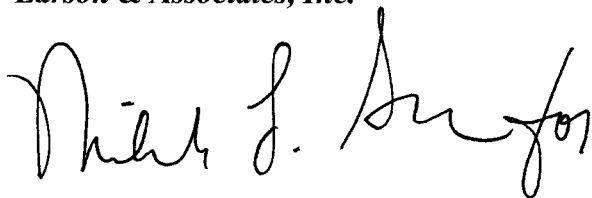
Mr. Wayne Price
October 8, 2007
Page 3

Closure Plan

TMS proposes to install a HDPE liner in the bottom of the excavation to prevent further downward migration of the chloride and fill the remainder of the excavation with clean soil. The surface will be crowned to shed water during wet periods. TMS will submit a final closure letter to the OCD following closure. Please call Mr. Cal Wrangham with TMS at (432) 688-0542) or myself at (432) 687-0901, if you have questions. We may be reached by email at cwrangham@targaresources.com or mark@laenvironmental.com.

Sincerely,

Larson & Associates, Inc.

A handwritten signature in black ink, appearing to read "Mark J. Larson". The signature is fluid and cursive, with the last name "Larson" being more prominent.

Mark J. Larson, P.G., C.P.G., GC.G.W.P.
Senior Project Manager

Encl.

cc: Cal Wrangham – TMS
James Lingnau – TMS
Larry Johnson – OCD District 1

Figures

FLARE
STACK

MW-4

FLARE
STACK

CAVERN
WELL

VENT
STACK

BRINE PIT
PUMP

NW

NE

CENTER

BRINE
POND #3

SW

SE

TMW-5

WELL DISPOSAL

NORTH
POND
(CLOSED)

MW-6

SOUTH
POND
(CLOSED)

MW-5

MW-7

LEGEND

NE
BOREHOLE LOCATION

MW-1
MONITOR WELL LOCATION

FIGURE #1

LEA COUNTY, NEW MEXICO

TARGA MIDSTREAM
SERVICES L.P.

FACILITY DRAWING

DATE:

DWN. BY:

FILE:

Larson &
Associates, Inc.
Environmental Consultants

Tables

Table 1
Summary of Soil Laboratory Analyses
Targa Midstream - Brine Pond Closure #3
Eunice, New Mexico
7-0123

Location	Depth	Date	GRO C6 - C12	DRO C10 - C28	ORO >C28-C35	Total TPH (C6-C35)
SW	Surface	7/18/2007	0.117	16.5	4.50	21.117
	5'	7/18/2007	<0.0671	<3.49	<3.49	<7.0471
	10'	7/18/2007	<0.0633	<3.48	<3.48	<7.0233
	15'	7/18/2007	<0.0623	<3.09	<3.09	<6.2423
	20'	7/18/2007	<0.0585	<2.76	<2.76	<5.5785
	30'	7/18/2007	<0.0595	<3.00	<3.00	<6.0595
	40'	7/18/2007	<0.0574	<2.64	<2.64	<5.3374
NW	Surface	7/18/2007	<0.0626	<3.11	<3.11	<6.2826
	5'	7/18/2007	<0.0632	<3.33	<3.33	<6.7232
	10'	7/18/2007	<0.0683	<3.12	<3.12	<6.3083
	15'	7/18/2007	<0.0597	<2.81	<2.81	<5.6797
	20'	7/18/2007	<0.0598	<3.07	<3.07	<6.1998
	30'	7/18/2007	<0.0630	294	44.2	338.2
	40'	7/18/2007	0.0681	<2.86	<2.86	0.0681
C	Surface	7/18/2007	0.139	<3.45	<3.45	0.139
	5'	7/18/2007	0.636	4.90	<2.95	5.536
	10'	7/18/2007	<0.0622	<3.05	<3.05	<6.1622
	15'	7/18/2007	<0.0632	<3.18	<3.18	<6.4232
	20'	7/18/2007	<0.0641	<3.04	<3.04	<6.1441
	30'	7/18/2007	<0.0556	<3.04	<3.04	<6.1356
	40'	7/18/2007	<0.0585	<2.68	<2.68	<5.4185
SE	Surface	7/18/2007	<0.0552	<2.53	<2.53	<5.1152
	5'	7/18/2007	0.0659	<2.84	<2.84	<5.7459
	10'	7/18/2007	<0.0654	<3.07	<3.07	<6.2054
	15'	7/18/2007	<0.0590	<3.17	<3.17	<6.399
	20'	7/18/2007	<0.0568	4.26	<2.83	4.26
	30'	7/18/2007	<0.0573	<3.05	<3.05	<6.1573
	40'	7/18/2007	<0.0572	<2.84	<2.84	<5.7372
NE	Surface	7/18/2007	<0.0599	<2.98	<2.98	<6.0199
	5'	7/18/2007	<0.0646	<3.21	<3.21	<6.4846
	10'	7/18/2007	<0.0642	<3.05	<3.05	<6.1642
	15'	7/18/2007	<0.0620	<2.60	<2.60	<5.262
	20'	7/18/2007	<0.0571	<2.70	<2.70	<5.4571
	30'	7/18/2007	<0.0570	<2.88	<2.88	<5.817
	40'	7/18/2007	<0.0566	<2.65	<2.65	<5.3566

Notes

Samples were analyzed by DHL Analytical, Inc., Round Rock, TX

Samples analyzed via SW846 method 8015.

All concentrations are in milligrams per kilogram (mg/Kg, parts per million).

Table 2
Summary of Soil Laboratory Analyses
Targa Midstream - Brine Pond Closure #3
Eunice, New Mexico
7-0123

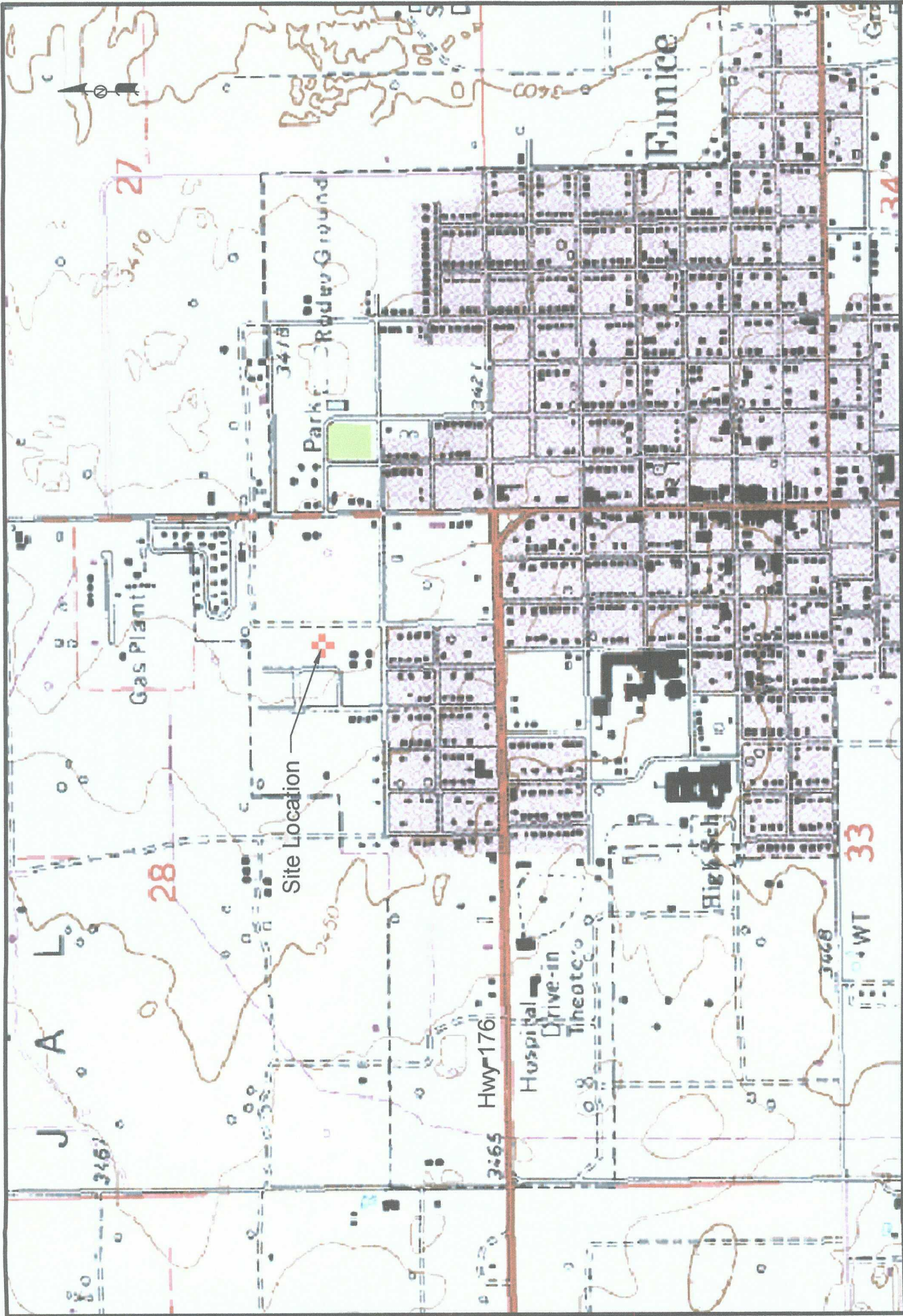
Location	Depth	Date	Benzene	Ethyl benzene	Toluene	Total Xylenes
C	Surface	7/18/2007	<0.00336	<0.00560	<0.00560	<0.00560
	5'	7/18/2007	<0.00315	<0.00525	<0.00525	<0.00525
	10'	7/18/2007	<0.00311	<0.00518	<0.00518	<0.00518

Notes

Samples were analyzed by DHL Analytical, Inc., Round Rock, TX

Samples analyzed via SW846 method 8021B.

All concentrations are in milligrams per kilogram (mg/Kg, parts per million).



USGS Eunice (NM) Topo Map

Figure 1
Site Location Map
Plains Marketing, L.P.
Ruth Property
SPRS# Eunice Historical
Eunice, New Mexico

NOVA Safety and Environmental



Scale: 1" = 1000'
Prep By: DGC
Checked By: CDS
July 31, 2007
Lat: 32° 26' 48.6"N Long: 103° 08' 45.6"W

Table 3
Summary of Soil Laboratory Analyses
Targa Midstream - Brine Pond Closure #3
Lovington, New Mexico
7-0123

Location	Depth	Date	Chloride
SW	Surface	7/18/2007	939
	5'	7/18/2007	1,620
	10'	7/18/2007	1,190
	15'	7/18/2007	231
	20'	7/18/2007	338
	30'	7/18/2007	807
	40'	7/18/2007	239
NW	Surface	7/18/2007	46,200
	5'	7/18/2007	20,200
	10'	7/18/2007	25,000
	15'	7/18/2007	5,060
	20'	7/18/2007	774
	30'	7/18/2007	1,250
	40'	7/18/2007	826
C	Surface	7/18/2007	46,000
	5'	7/18/2007	23,900
	10'	7/18/2007	4,510
	15'	7/18/2007	3,670
	20'	7/18/2007	371
	30'	7/18/2007	503
	40'	7/18/2007	385
SE	Surface	7/18/2007	4,280
	5'	7/18/2007	9,850
	10'	7/18/2007	33,900
	15'	7/18/2007	28,100
	20'	7/18/2007	18,300
	30'	7/18/2007	25,400
	40'	7/18/2007	17,400
NE	Surface	7/18/2007	30,800
	5'	7/18/2007	1,760
	10'	7/18/2007	2,400
	15'	7/18/2007	600
	20'	7/18/2007	741
	30'	7/18/2007	563
	40'	7/18/2007	820

Notes

Samples were analyzed by DHL Analytical, Inc., Round Rock, TX

Samples analyzed via SW846 method 9056.

All concentrations are in milligrams per kilogram (mg/Kg, parts per mil

Appendix A
Laboratory Report



July 27, 2007

Michelle Green
Larson & Associates
507 N. Marienfeld #202
Midland, TX 79701

TEL: (432) 687-0901
FAX (432) 687-0456

Order No.: 0707129

RE: Targa Brine Pond #3

Dear Michelle Green:

DHL Analytical received 35 sample(s) on 7/20/2007 for the analyses presented in the following report.

There were no problems with the analyses and all data met requirements of NELAC except where noted in the Case Narrative. All non-NELAC methods will be identified accordingly in the case narrative and all estimated uncertainties of test results are within method or EPA specifications.

If you have any questions regarding these tests results, please feel free to call. Thank you for using DHL Analytical.

Sincerely,

A handwritten signature in cursive script, appearing to read "Scott Swisher for".

John DuPont
General Manager

This report was performed under the accreditation of the State of New Mexico Laboratory Certification Number:

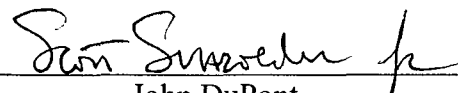


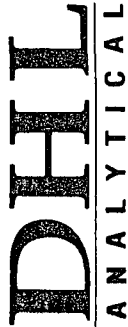
TABLE OF CONTENTS

This report for Larson & Associates: Targa Brine Pond #3 (DHL Work Order 0707129) contains the following information:

ITEM	Page
• Cover Page	1
• Table of Contents	2
• Original chain of custody, FedEx slip (if used), log-in checklist	3-8
• Case Narrative	9
• Work Order Summary	10
• Preparation Dates Report	11-16
• Analytical Dates Report	17-22
• Sample Results	23-57
• QC Summary Report	58-77
• Total Number of Pages	77

July 27, 2007

Approved: 
John DuPont



2300 Double Creek Drive • Round Rock, TX 78664
Phone (512) 388-8222 • FAX (512) 388-8229

No 34494

CHAIN-OF-CUSTODY

CLIENT: <u>Carson & Associates</u>	DATE: <u>7/18/07</u>	PAGE: <u>1</u> OF <u>3</u>
ADDRESS: <u>507 Mainfield Suite 202</u>	PO #: <u>0707129</u>	DHL WORK ORDER #: <u>0707129</u>
PHONE: <u>432-687-0901</u> FAX: <u></u>	PROJECT LOCATION OR NAME: <u>W.D. Targa Brine Pond #3</u>	
DATA REPORTED TO: <u>Mitchell Green</u>	COLLECTOR: <u>W.D. Targa</u>	
ADDITIONAL REPORT COPIES TO: <u></u>	CLIENT PROJECT #: <u></u>	

Field Sample I.D.	S-SOIL W=WATER A=AIR	P=PAINT SL=SLUDGE OT=OTHER	Container Type	# of Containers	PRESERVATION				ANALYSES	FIELD NOTES
					HCl	HNO ₃	H ₂ SO ₄ □ NaOH □	ICE		
DHL Lab #	Date	Matrix	Time							
SW-Surf	7/18/07	Soil	1045	2						Mountain Time
SW-5'			1050							
SW-10'			1055							
SW-15'			1100							
SW-20'			1107							
SW-30'			1119							
SW-40'			1124							
NW-Surf			1130							
NW-5'			1155							
NW-10'			1200							
NW-15'			1208							
NW-20'			1211							
NW-30'			1222							
NW-40'			1231							

TOTAL		TURN AROUND TIME		LABORATORY USE ONLY:	
RELINQUISHED BY: (Signature) <u>W.D. Targa</u>	RECEIVED BY: (Signature) <u>W.D. Targa</u>	RUSH ☐ CALL FIRST	RECEIVING TEMP: <u>40.49°C</u>	THERM #: <u>57</u>	
RELINQUISHED BY: (Signature) <u>LSO</u>	RECEIVED BY: (Signature) <u>LSO</u>	1 DAY ☐ CALL FIRST	CUSTOMY SEALS - ☒ BROKEN ☐ INTACT ☐ NOT USED	CARRIER BILL # <u>LSO</u>	
RELINQUISHED BY: (Signature) <u>LSO</u>	RECEIVED BY: (Signature) <u>LSO</u>	2 DAY ☐	NORMAL ☒	☐ APC DELIVERY	
		OTHER ☐	☐ HAND DELIVERED		



2300 Double Creek Drive • Round Rock, TX 78664
Phone (512) 388-8222 • FAX (512) 388-8229

No 34242

CHAIN-OF-CUSTODY

CLIENT: Carson & Associates
ADDRESS: 507 W. Mariewald #202
PHONE: 432-687-0901 FAX
DATA REPORTED TO: Michelle Green
ADDITIONAL REPORT COPIES TO:

DATE: 7/18/07

PO #:

PROJECT LOCATION OR NAME: Targa Baine Pond #3

CLIENT PROJECT #:

PAGE 2 OF 3

DHL WORK ORDER #:

COLLECTOR: WDG

Field Sample I.D.	S=SOIL W=WATER A=AIR	P=PAINT SL=SLUDGE OT=OTHER	DHL Lab #	Date	Container Type	# of Containers	PRESERVATION				ANALYSES	FIELD NOTES	
							HCl	HNO ₃	H ₂ SO ₄ □ NaOH □	UNPRESERVED			
C- surf	915	7/18	119	Soil	4 oz	2						X	Mountain Time
C- 5'	116		123										
C- 10'	117		129										
C- 15'	118		134										
C- 20'	119		140										
C- 30'	120		147										
C- 40'	121		150										
SE- surf	222		218										
SE- 5'	223		222										
SE- 10'	224		228										
SE- 15'	225		233										
SE- 20'	226		238										
SE- 30'	227		251										
SE- 40'	228		258										

RELINQUISHED BY: (Signature)	DATE/TIME	RECEIVED BY: (Signature)	TURN AROUND TIME	LABORATORY USE ONLY:
<u>[Signature]</u>	<u>7/18/07 8pm</u>	<u>[Signature]</u>	RUSH ☐ CALL FIRST	RECEIVING TEMP: <u>40.4°C</u> THERM # <u>57</u>
<u>[Signature]</u>	<u>7:2007900</u>	<u>[Signature]</u>	1 DAY ☐ CALL FIRST	CUSTOMER SEALS - ☒ BROKEN ☐ INTACT ☐ NOT USED
<u>[Signature]</u>		<u>[Signature]</u>	2 DAY ☐	CARRIER BILL # <u>LSO</u>
<u>[Signature]</u>		<u>[Signature]</u>	NORMAL ☒	☒ APC DELIVERY
			OTHER ☐	☐ HAND DELIVERED



№ 34495

CHAIN-OF-CUSTODY

CLIENT: Carsen & Associates
 ADDRESS: _____
 PHONE: _____ FAX: _____
 DATA REPORTED TO: _____
 ADDITIONAL REPORT COPIES TO: _____

DATE: 7/18/07 PAGE 3 OF 3
 PO #: _____ DHL WORK ORDER #: 0707129
 PROJECT LOCATION OR NAME: Targa Brike Pond #3
 CLIENT PROJECT #: _____ COLLECTOR: [Signature]

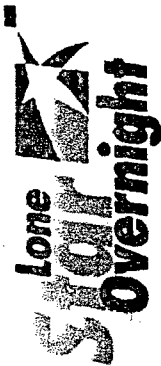
[illegible]

RELINQUISHED BY: (Signature) <i>[Signature]</i>	DATE/TIME 7/18/07 8 PM	RECEIVED BY: (Signature) L50 3389383	7/19	TURN AROUND TIME RUSH ☐ CALL FIRST 1 DAY ☐ CALL FIRST 2 DAY ☐ NORMAL ☒ OTHER ☐	LABORATORY USE ONLY: RECEIVING TEMP: 4.0, 4.9 °C CUSTODY SEALS - ☐ BROKEN ☒ INTACT ☐ NOT USED ☒ CARRIER BILL # L50 ☐ APC DELIVERY ☐ HAND DELIVERED
RELINQUISHED BY: (Signature) L50	DATE/TIME 7-20-07 900	RECEIVED BY: (Signature) OK 3389383			
RELINQUISHED BY: (Signature)	DATE/TIME	RECEIVED BY: (Signature)			

Lone Star Overnight
800.800.8984
www.lso.com



Airbill No. Z3389383



To: SAMPLE RECEIVING
DHL ANALYTICAL
2300 DOUBLE CREEK DRIVE
ROUND ROCK, TX 78664
(512) 388 - 8222

From: MICHELLE GREEN
LARSON & ASSOCIATES, INC.,
507 N MARIENFELD
SUITE 202
MIDLAND, TX 79701
(432) 687 - 0901

Service Type: By 10:30am
1D00V

AUS

By 10:30am

QuickCode: DHL
Date Printed: 7/19/2007

CUSTODY SEAL

DATE

7/19/07

SIGNATURE

Quality Environmental Containers
800-255-3950 • 304-255-3950

Lone Star Overnight
800.800.8984



Airbill No. Z3389384



To: SAMPLE RECEIVING
DHL ANALYTICAL
2300 DOUBLE CREEK DRIVE
ROUND ROCK, TX 78664
(512) 388 - 8222

From: MICHELLE GREEN
LARSON & ASSOCIATES, INC.,
507 N MARIENFELD
SUITE 202
MIDLAND, TX 79701
(432) 687 - 0901

SS

Service Type: By 10:30am
1D00V

AUS

By 10:30am

QuickCode: DHL
Date Printed: 7/19/2007

TRACE ANALYSIS, INC.

Date

Signature

CUSTODY SEAL

7/19/07
[Signature]

Sample Receipt Checklist

Client Name Larson & Associates

Date Received: 7/20/2007

Work Order Number 0707129

Received by: DU

Checklist completed by:

Signature

Date

Reviewed by

Initials

Date

Carrier name: LoneStar

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

Adjusted? _____

Checked by _____

Any No response must be detailed in the comments section below.

Client contacted _____ Date contacted: _____ Person contacted _____

Contacted by: _____ Regarding: _____

Comments: _____

Corrective Action _____

CLIENT: Larson & Associates
Project: Targa Brine Pond #3
Lab Order: 0707129

CASE NARRATIVE

Samples were analyzed using the methods outlined in the following references:

Method M8015V - GRO Analysis
Method M8015D - DRO+ORO Analysis
Method SW9056 - Anions Analysis
Method SW8021B - Volatile Organics by GC
Method D2216 - Percent Moisture (Not NELAC Certified)

LOG IN

Samples were received and log-in performed on 7/20/07. A total of 35 samples were received. The samples arrived in good condition and were properly packaged.

GRO ANALYSIS

For GRO analysis, the recoveries of the matrix spikes (0707129-01B MS and 0707129-25B MS) and matrix spike duplicates (0707129-01B MSD and 0707129-25B MSD) were below control limits. In addition, the RPD of the matrix spike duplicate (0707129-25B MSD) was above control limits. These are flagged accordingly in the QC summary report. The reference samples selected for the matrix spike and matrix spike duplicate were from this work order. The LCSs were within control limits. No further corrective actions were taken.

For GRO analysis, the recovery of the continuing calibration verification standard (CCV1-070720) was slightly above control limits. This is flagged accordingly in the QC summary report. Gasoline Range Organics were detected below the reporting limit for all the associated samples and CCV2 was within control limits therefore using this CCV1 was acceptable as per client. No further corrective actions were taken.

DRO + ORO ANALYSIS

For DRO + ORO analysis, the surrogate recovery of sample SW-10' was slightly above control limits for o-Terphenyl. This is flagged accordingly. No further corrective actions were taken and no sample results were adversely affected.

VOLATILE ORGANICS BY GC

For Volatile Organics by GC analysis, the recovery of the matrix spike duplicate (0707139-03A MSD) was slightly below control limits for Toluene. This is flagged accordingly in the QC summary report. The reference sample selected for the matrix spike and matrix spike duplicate was not from this work order. The LCS was within control limits for this compound. No further corrective actions were taken and no sample results were adversely affected.

CLIENT: Larson & Associates
Project: Targa Brine Pond #3
Lab Order: 0707129

Work Order Sample Summary

Lab Smp ID	Client Sample ID	Tag Number	Date Collected	Date Recved
0707129-01	SW-Surf		07/18/07 10:45 AM	7/20/2007
0707129-02	SW-5'		07/18/07 10:50 AM	7/20/2007
0707129-03	SW-10'		07/18/07 10:55 AM	7/20/2007
0707129-04	SW-15'		07/18/07 11:00 AM	7/20/2007
0707129-05	SW-20'		07/18/07 11:07 AM	7/20/2007
0707129-06	SW-30'		07/18/07 11:19 AM	7/20/2007
0707129-07	SW-40'		07/18/07 11:24 AM	7/20/2007
0707129-08	NW-Surf		07/18/07 11:50 AM	7/20/2007
0707129-09	NW-5'		07/18/07 11:55 AM	7/20/2007
0707129-10	NW-10'		07/18/07 12:00 PM	7/20/2007
0707129-11	NW-15'		07/18/07 12:08 PM	7/20/2007
0707129-12	NW-20'		07/18/07 12:11 PM	7/20/2007
0707129-13	NW-30'		07/18/07 12:22 PM	7/20/2007
0707129-14	NW-40'		07/18/07 12:31 PM	7/20/2007
0707129-15	C-Surf		07/18/07 01:19 PM	7/20/2007
0707129-16	C-5'		07/18/07 01:23 PM	7/20/2007
0707129-17	C-10'		07/18/07 01:29 PM	7/20/2007
0707129-18	C-15'		07/18/07 01:34 PM	7/20/2007
0707129-19	C-20'		07/18/07 01:40 PM	7/20/2007
0707129-20	C-30'		07/18/07 01:47 PM	7/20/2007
0707129-21	C-40'		07/18/07 01:58 PM	7/20/2007
0707129-22	SE-Surf		07/18/07 02:18 PM	7/20/2007
0707129-23	SE-5'		07/18/07 02:22 PM	7/20/2007
0707129-24	SE-10'		07/18/07 02:28 PM	7/20/2007
0707129-25	SE-15'		07/18/07 02:33 PM	7/20/2007
0707129-26	SE-20'		07/18/07 02:38 PM	7/20/2007
0707129-27	SE-30'		07/18/07 02:51 PM	7/20/2007
0707129-28	SE-40'		07/18/07 02:58 PM	7/20/2007
0707129-29	NE-Surf		07/18/07 03:18 PM	7/20/2007
0707129-30	NE-5'		07/18/07 03:31 PM	7/20/2007
0707129-31	NE-10'		07/18/07 03:38 PM	7/20/2007
0707129-32	NE-15'		07/18/07 03:43 PM	7/20/2007
0707129-33	NE-20'		07/18/07 03:49 PM	7/20/2007
0707129-34	NE-30'		07/18/07 03:57 PM	7/20/2007
0707129-35	NE-40'		07/18/07 04:02 PM	7/20/2007

DHL Analytical

27-Jul-07

PREP DATES REPORT

Lab Order: 0707129
 Client: Larson & Associates
 Project: Targa Brine Pond #3

Sample ID	Client Sample ID	Collection Date	Matrix	Test Number	Test Name	Prep Date	Batch ID
0707129-01A	SW-Surf	07/18/07 10:45 AM	Soil	SW9056	Anion Prep	07/23/07 08:32 AM	26620
	SW-Surf	07/18/07 10:45 AM	Soil	D2216	Percent Moisture	07/26/07 10:10 AM	PMOIST_070727A
	SW-Surf	07/18/07 10:45 AM	Soil	SW3550B	Soil Prep Sonication: DRO	07/20/07 02:24 PM	26614
	SW-Surf	07/18/07 10:45 AM	Soil	SW3550B	Soil Prep Sonication: DRO	07/20/07 02:24 PM	26614
0707129-01B	SW-Surf	07/18/07 10:45 AM	Soil	SW5030B	Purge and Trap Soils GC- Gas	07/20/07 10:38 AM	26611
0707129-02A	SW-5'	07/18/07 10:50 AM	Soil	SW9056	Anion Prep	07/23/07 08:32 AM	26620
	SW-5'	07/18/07 10:50 AM	Soil	D2216	Percent Moisture	07/26/07 10:10 AM	PMOIST_070727A
	SW-5'	07/18/07 10:50 AM	Soil	SW3550B	Soil Prep Sonication: DRO	07/20/07 02:24 PM	26614
0707129-02B	SW-5'	07/18/07 10:50 AM	Soil	SW5030B	Purge and Trap Soils GC- Gas	07/20/07 10:38 AM	26611
0707129-03A	SW-10'	07/18/07 10:55 AM	Soil	SW9056	Anion Prep	07/23/07 08:32 AM	26620
	SW-10'	07/18/07 10:55 AM	Soil	D2216	Percent Moisture	07/26/07 10:10 AM	PMOIST_070727A
	SW-10'	07/18/07 10:55 AM	Soil	SW3550B	Soil Prep Sonication: DRO	07/20/07 02:24 PM	26614
0707129-03B	SW-10'	07/18/07 10:55 AM	Soil	SW5030B	Purge and Trap Soils GC- Gas	07/20/07 10:38 AM	26611
0707129-04A	SW-15'	07/18/07 11:00 AM	Soil	SW9056	Anion Prep	07/23/07 08:32 AM	26620
	SW-15'	07/18/07 11:00 AM	Soil	D2216	Percent Moisture	07/26/07 10:10 AM	PMOIST_070727A
	SW-15'	07/18/07 11:00 AM	Soil	SW3550B	Soil Prep Sonication: DRO	07/20/07 02:24 PM	26614
0707129-04B	SW-15'	07/18/07 11:00 AM	Soil	SW5030B	Purge and Trap Soils GC- Gas	07/20/07 10:38 AM	26611
0707129-05A	SW-20'	07/18/07 11:07 AM	Soil	SW9056	Anion Prep	07/23/07 08:32 AM	26620
	SW-20'	07/18/07 11:07 AM	Soil	D2216	Percent Moisture	07/26/07 10:10 AM	PMOIST_070727A
	SW-20'	07/18/07 11:07 AM	Soil	SW3550B	Soil Prep Sonication: DRO	07/20/07 02:24 PM	26614
0707129-05B	SW-20'	07/18/07 11:07 AM	Soil	SW5030B	Purge and Trap Soils GC- Gas	07/20/07 10:38 AM	26611
0707129-06A	SW-30'	07/18/07 11:19 AM	Soil	SW9056	Anion Prep	07/23/07 08:32 AM	26620
	SW-30'	07/18/07 11:19 AM	Soil	D2216	Percent Moisture	07/26/07 10:10 AM	PMOIST_070727A
	SW-30'	07/18/07 11:19 AM	Soil	SW3550B	Soil Prep Sonication: DRO	07/20/07 02:24 PM	26614
0707129-06B	SW-30'	07/18/07 11:19 AM	Soil	SW5030B	Purge and Trap Soils GC- Gas	07/20/07 10:38 AM	26611
0707129-07A	SW-40'	07/18/07 11:24 AM	Soil	SW9056	Anion Prep	07/23/07 08:32 AM	26620
	SW-40'	07/18/07 11:24 AM	Soil	D2216	Percent Moisture	07/26/07 10:10 AM	PMOIST_070727A
	SW-40'	07/18/07 11:24 AM	Soil	SW3550B	Soil Prep Sonication: DRO	07/20/07 02:24 PM	26614

PREP DATES REPORT

Lab Order: 0707129
 Client: Larson & Associates
 Project: Targa Brine Pond #3

Sample ID	Client Sample ID	Collection Date	Matrix	Test Number	Test Name	Prep Date	Batch ID
0707129-07B	SW-40'	07/18/07 11:24 AM	Soil	SW5030B	Purge and Trap Soils GC- Gas	07/20/07 10:38 AM	26611
0707129-08A	NW-Surf	07/18/07 11:50 AM	Soil	SW9056	Anion Prep	07/23/07 08:32 AM	26620
	NW-Surf	07/18/07 11:50 AM	Soil	D2216	Percent Moisture	07/26/07 10:10 AM	PMOIST_070727A
	NW-Surf	07/18/07 11:50 AM	Soil	SW3550B	Soil Prep Sonication: DRO	07/20/07 02:24 PM	26614
0707129-08B	NW-Surf	07/18/07 11:50 AM	Soil	SW5030B	Purge and Trap Soils GC- Gas	07/20/07 10:38 AM	26611
0707129-09A	NW-5'	07/18/07 11:55 AM	Soil	SW9056	Anion Prep	07/23/07 08:32 AM	26620
	NW-5'	07/18/07 11:55 AM	Soil	D2216	Percent Moisture	07/26/07 10:10 AM	PMOIST_070727A
	NW-5'	07/18/07 11:55 AM	Soil	SW3550B	Soil Prep Sonication: DRO	07/20/07 02:24 PM	26614
0707129-09B	NW-5'	07/18/07 11:55 AM	Soil	SW5030B	Purge and Trap Soils GC- Gas	07/20/07 10:38 AM	26611
0707129-10A	NW-10'	07/18/07 12:00 PM	Soil	SW9056	Anion Prep	07/23/07 08:32 AM	26620
	NW-10'	07/18/07 12:00 PM	Soil	D2216	Percent Moisture	07/26/07 10:10 AM	PMOIST_070727A
	NW-10'	07/18/07 12:00 PM	Soil	SW3550B	Soil Prep Sonication: DRO	07/20/07 02:24 PM	26614
0707129-10B	NW-10'	07/18/07 12:00 PM	Soil	SW5030B	Purge and Trap Soils GC- Gas	07/20/07 10:38 AM	26611
0707129-11A	NW-15'	07/18/07 12:08 PM	Soil	SW9056	Anion Prep	07/23/07 08:32 AM	26620
	NW-15'	07/18/07 12:08 PM	Soil	D2216	Percent Moisture	07/26/07 10:10 AM	PMOIST_070727A
	NW-15'	07/18/07 12:08 PM	Soil	SW3550B	Soil Prep Sonication: DRO	07/20/07 02:24 PM	26614
0707129-11B	NW-15'	07/18/07 12:08 PM	Soil	SW5030B	Purge and Trap Soils GC- Gas	07/20/07 10:38 AM	26611
0707129-12A	NW-20'	07/18/07 12:11 PM	Soil	SW9056	Anion Prep	07/23/07 08:32 AM	26620
	NW-20'	07/18/07 12:11 PM	Soil	D2216	Percent Moisture	07/26/07 10:10 AM	PMOIST_070727A
	NW-20'	07/18/07 12:11 PM	Soil	SW3550B	Soil Prep Sonication: DRO	07/20/07 02:24 PM	26614
0707129-12B	NW-20'	07/18/07 12:11 PM	Soil	SW5030B	Purge and Trap Soils GC- Gas	07/20/07 10:38 AM	26611
0707129-13A	NW-30'	07/18/07 12:22 PM	Soil	SW9056	Anion Prep	07/23/07 08:32 AM	26620
	NW-30'	07/18/07 12:22 PM	Soil	D2216	Percent Moisture	07/26/07 10:10 AM	PMOIST_070727A
	NW-30'	07/18/07 12:22 PM	Soil	SW3550B	Soil Prep Sonication: DRO	07/20/07 08:36 AM	26629
0707129-13B	NW-30'	07/18/07 12:22 PM	Soil	SW5030B	Purge and Trap Soils GC- Gas	07/20/07 10:38 AM	26611
0707129-14A	NW-40'	07/18/07 12:31 PM	Soil	SW9056	Anion Prep	07/23/07 08:32 AM	26620
	NW-40'	07/18/07 12:31 PM	Soil	D2216	Percent Moisture	07/26/07 10:10 AM	PMOIST_070727A
	NW-40'	07/18/07 12:31 PM	Soil	SW3550B	Soil Prep Sonication: DRO	07/24/07 08:36 AM	26629

PREP DATES REPORT

Lab Order: 0707129
 Client: Larson & Associates
 Project: Targa Brine Pond #3

Sample ID	Client Sample ID	Collection Date	Matrix	Test Number	Test Name	Prep Date	Batch ID
0707129-14B	NW-40'	07/18/07 12:31 PM	Soil	SW5030B	Purge and Trap Soils GC- Gas	07/20/07 10:38 AM	26611
0707129-15A	C-Surf	07/18/07 01:19 PM	Soil	SW9056	Anion Prep	07/23/07 08:32 AM	26620
	C-Surf	07/18/07 01:19 PM	Soil	D2216	Percent Moisture	07/26/07 10:10 AM	PMOIST_070727A
	C-Surf	07/18/07 01:19 PM	Soil	SW3550B	Soil Prep Sonication: DRO	07/24/07 08:36 AM	26629
0707129-15B	C-Surf	07/18/07 01:19 PM	Soil	SW5030B	Purge and Trap Soils GC	07/25/07 08:52 AM	26637
	C-Surf	07/18/07 01:19 PM	Soil	SW5030B	Purge and Trap Soils GC- Gas	07/20/07 10:38 AM	26611
	C-5'	07/18/07 01:23 PM	Soil	SW9056	Anion Prep	07/23/07 08:32 AM	26620
0707129-16A	C-5'	07/18/07 01:23 PM	Soil	D2216	Percent Moisture	07/26/07 10:10 AM	PMOIST_070727A
	C-5'	07/18/07 01:23 PM	Soil	SW3550B	Soil Prep Sonication: DRO	07/24/07 08:36 AM	26629
0707129-16B	C-5'	07/18/07 01:23 PM	Soil	SW5030B	Purge and Trap Soils GC	07/25/07 08:52 AM	26637
	C-5'	07/18/07 01:23 PM	Soil	SW5030B	Purge and Trap Soils GC- Gas	07/20/07 10:38 AM	26611
	C-10'	07/18/07 01:29 PM	Soil	SW9056	Anion Prep	07/23/07 08:32 AM	26620
0707129-17A	C-10'	07/18/07 01:29 PM	Soil	D2216	Percent Moisture	07/26/07 10:10 AM	PMOIST_070727A
	C-10'	07/18/07 01:29 PM	Soil	SW3550B	Soil Prep Sonication: DRO	07/24/07 08:36 AM	26629
0707129-17B	C-10'	07/18/07 01:29 PM	Soil	SW5030B	Purge and Trap Soils GC	07/25/07 08:52 AM	26637
	C-10'	07/18/07 01:29 PM	Soil	SW5030B	Purge and Trap Soils GC- Gas	07/20/07 10:38 AM	26611
	C-15'	07/18/07 01:34 PM	Soil	SW9056	Anion Prep	07/23/07 08:32 AM	26620
0707129-18A	C-15'	07/18/07 01:34 PM	Soil	D2216	Percent Moisture	07/26/07 10:10 AM	PMOIST_070727A
	C-15'	07/18/07 01:34 PM	Soil	SW3550B	Soil Prep Sonication: DRO	07/24/07 08:36 AM	26629
0707129-18B	C-15'	07/18/07 01:34 PM	Soil	SW5030B	Purge and Trap Soils GC- Gas	07/20/07 10:38 AM	26611
0707129-19A	C-20'	07/18/07 01:40 PM	Soil	SW9056	Anion Prep	07/23/07 08:32 AM	26620
	C-20'	07/18/07 01:40 PM	Soil	D2216	Percent Moisture	07/26/07 10:10 AM	PMOIST_070727A
	C-20'	07/18/07 01:40 PM	Soil	SW3550B	Soil Prep Sonication: DRO	07/24/07 08:36 AM	26629
0707129-19B	C-20'	07/18/07 01:40 PM	Soil	SW5030B	Purge and Trap Soils GC- Gas	07/20/07 10:38 AM	26611
0707129-20A	C-30'	07/18/07 01:47 PM	Soil	SW9056	Anion Prep	07/23/07 08:32 AM	26620
	C-30'	07/18/07 01:47 PM	Soil	D2216	Percent Moisture	07/26/07 10:10 AM	PMOIST_070727A
	C-30'	07/18/07 01:47 PM	Soil	SW3550B	Soil Prep Sonication: DRO	07/24/07 08:36 AM	26629
	C-30'	07/18/07 01:47 PM	Soil	SW5030B	Purge and Trap Soils GC- Gas	07/20/07 10:38 AM	26611
	C-30'	07/18/07 01:47 PM	Soil	SW9056	Anion Prep	07/23/07 08:32 AM	26620
	C-30'	07/18/07 01:47 PM	Soil	D2216	Percent Moisture	07/26/07 10:10 AM	PMOIST_070727A
	C-30'	07/18/07 01:47 PM	Soil	SW3550B	Soil Prep Sonication: DRO	07/24/07 08:36 AM	26629
0707129-20B	C-30'	07/18/07 01:47 PM	Soil	SW5030B	Purge and Trap Soils GC- Gas	07/20/07 10:38 AM	26611

PREP DATES REPORT

Lab Order: 0707129
 Client: Larson & Associates
 Project: Targa Brine Pond #3

Sample ID	Client Sample ID	Collection Date	Matrix	Test Number	Test Name	Prep Date	Batch ID
0707129-21A	C-40'	07/18/07 01:58 PM	Soil	SW9056	Anion Prep	07/24/07 10:00 AM	26632
	C-40'	07/18/07 01:58 PM	Soil	D2216	Percent Moisture	07/26/07 01:45 PM	PMOIST_070727B
	C-40'	07/18/07 01:58 PM	Soil	SW3550B	Soil Prep Sonication: DRO	07/24/07 08:36 AM	26629
0707129-21B	C-40'	07/18/07 01:58 PM	Soil	SW5030B	Purge and Trap Soils GC- Gas	07/24/07 11:09 AM	26619
0707129-22A	SE-Surf	07/18/07 02:18 PM	Soil	SW9056	Anion Prep	07/24/07 10:00 AM	26632
	SE-Surf	07/18/07 02:18 PM	Soil	D2216	Percent Moisture	07/26/07 01:45 PM	PMOIST_070727B
	SE-Surf	07/18/07 02:18 PM	Soil	SW3550B	Soil Prep Sonication: DRO	07/24/07 08:36 AM	26629
0707129-22B	SE-Surf	07/18/07 02:18 PM	Soil	SW5030B	Purge and Trap Soils GC- Gas	07/24/07 11:09 AM	26619
0707129-23A	SE-5'	07/18/07 02:22 PM	Soil	SW9056	Anion Prep	07/24/07 10:00 AM	26632
	SE-5'	07/18/07 02:22 PM	Soil	D2216	Percent Moisture	07/26/07 01:45 PM	PMOIST_070727B
	SE-5'	07/18/07 02:22 PM	Soil	SW3550B	Soil Prep Sonication: DRO	07/24/07 08:36 AM	26629
0707129-23B	SE-5'	07/18/07 02:22 PM	Soil	SW5030B	Purge and Trap Soils GC- Gas	07/24/07 11:09 AM	26619
0707129-24A	SE-10'	07/18/07 02:28 PM	Soil	SW9056	Anion Prep	07/24/07 10:00 AM	26632
	SE-10'	07/18/07 02:28 PM	Soil	D2216	Percent Moisture	07/26/07 01:45 PM	PMOIST_070727B
	SE-10'	07/18/07 02:28 PM	Soil	SW3550B	Soil Prep Sonication: DRO	07/24/07 08:36 AM	26629
0707129-24B	SE-10'	07/18/07 02:28 PM	Soil	SW5030B	Purge and Trap Soils GC- Gas	07/24/07 11:09 AM	26619
0707129-25A	SE-15'	07/18/07 02:33 PM	Soil	SW9056	Anion Prep	07/24/07 10:00 AM	26632
	SE-15'	07/18/07 02:33 PM	Soil	D2216	Percent Moisture	07/26/07 01:45 PM	PMOIST_070727B
	SE-15'	07/18/07 02:33 PM	Soil	SW3550B	Soil Prep Sonication: DRO	07/24/07 08:36 AM	26629
0707129-25B	SE-15'	07/18/07 02:33 PM	Soil	SW5030B	Purge and Trap Soils GC- Gas	07/24/07 11:09 AM	26619
0707129-26A	SE-20'	07/18/07 02:38 PM	Soil	SW9056	Anion Prep	07/24/07 10:00 AM	26632
	SE-20'	07/18/07 02:38 PM	Soil	D2216	Percent Moisture	07/26/07 01:45 PM	PMOIST_070727B
	SE-20'	07/18/07 02:38 PM	Soil	SW3550B	Soil Prep Sonication: DRO	07/24/07 08:36 AM	26629
0707129-26B	SE-20'	07/18/07 02:38 PM	Soil	SW5030B	Purge and Trap Soils GC- Gas	07/24/07 11:09 AM	26619
0707129-27A	SE-30'	07/18/07 02:51 PM	Soil	SW9056	Anion Prep	07/24/07 10:00 AM	26632
	SE-30'	07/18/07 02:51 PM	Soil	D2216	Percent Moisture	07/26/07 01:45 PM	PMOIST_070727B
	SE-30'	07/18/07 02:51 PM	Soil	SW3550B	Soil Prep Sonication: DRO	07/24/07 08:36 AM	26629
0707129-27B	SE-30'	07/18/07 02:51 PM	Soil	SW5030B	Purge and Trap Soils GC- Gas	07/24/07 11:09 AM	26619

PREP DATES REPORT

Lab Order: 0707129
 Client: Larson & Associates
 Project: Targa Brine Pond #3

Sample ID	Client Sample ID	Collection Date	Matrix	Test Number	Test Name	Prep Date	Batch ID
0707129-28A	SE-40'	07/18/07 02:58 PM	Soil	SW9056	Anion Prep	07/24/07 10:00 AM	26632
	SE-40'	07/18/07 02:58 PM	Soil	D2216	Percent Moisture	07/26/07 01:45 PM	PMOIST_070727B
	SE-40'	07/18/07 02:58 PM	Soil	SW3550B	Soil Prep Sonication: DRO	07/24/07 08:36 AM	26629
0707129-28B	SE-40'	07/18/07 02:58 PM	Soil	SW5030B	Purge and Trap Soils GC- Gas	07/24/07 11:09 AM	26619
0707129-29A	NE-Surf	07/18/07 03:18 PM	Soil	SW9056	Anion Prep	07/24/07 10:00 AM	26632
	NE-Surf	07/18/07 03:18 PM	Soil	D2216	Percent Moisture	07/26/07 01:45 PM	PMOIST_070727B
	NE-Surf	07/18/07 03:18 PM	Soil	SW3550B	Soil Prep Sonication: DRO	07/24/07 08:36 AM	26629
0707129-29B	NE-Surf	07/18/07 03:18 PM	Soil	SW5030B	Purge and Trap Soils GC- Gas	07/24/07 11:09 AM	26619
0707129-30A	NE-5'	07/18/07 03:31 PM	Soil	SW9056	Anion Prep	07/24/07 10:00 AM	26632
	NE-5'	07/18/07 03:31 PM	Soil	D2216	Percent Moisture	07/26/07 01:45 PM	PMOIST_070727B
	NE-5'	07/18/07 03:31 PM	Soil	SW3550B	Soil Prep Sonication: DRO	07/24/07 08:36 AM	26629
0707129-30B	NE-5'	07/18/07 03:31 PM	Soil	SW5030B	Purge and Trap Soils GC- Gas	07/24/07 11:09 AM	26619
0707129-31A	NE-10'	07/18/07 03:38 PM	Soil	SW9056	Anion Prep	07/24/07 10:00 AM	26632
	NE-10'	07/18/07 03:38 PM	Soil	D2216	Percent Moisture	07/26/07 01:45 PM	PMOIST_070727B
	NE-10'	07/18/07 03:38 PM	Soil	SW3550B	Soil Prep Sonication: DRO	07/25/07 09:00 AM	26639
	NE-10'	07/18/07 03:38 PM	Soil	SW3550B	Soil Prep Sonication: DRO	07/24/07 08:36 AM	26629
0707129-31B	NE-10'	07/18/07 03:38 PM	Soil	SW5030B	Purge and Trap Soils GC- Gas	07/24/07 11:09 AM	26619
0707129-32A	NE-15'	07/18/07 03:43 PM	Soil	SW9056	Anion Prep	07/24/07 10:00 AM	26632
	NE-15'	07/18/07 03:43 PM	Soil	D2216	Percent Moisture	07/26/07 01:45 PM	PMOIST_070727B
	NE-15'	07/18/07 03:43 PM	Soil	SW3550B	Soil Prep Sonication: DRO	07/24/07 08:36 AM	26629
0707129-32B	NE-15'	07/18/07 03:43 PM	Soil	SW5030B	Purge and Trap Soils GC- Gas	07/24/07 11:09 AM	26619
0707129-33A	NE-20'	07/18/07 03:49 PM	Soil	SW9056	Anion Prep	07/24/07 10:00 AM	26632
	NE-20'	07/18/07 03:49 PM	Soil	D2216	Percent Moisture	07/26/07 01:45 PM	PMOIST_070727B
	NE-20'	07/18/07 03:49 PM	Soil	SW3550B	Soil Prep Sonication: DRO	07/25/07 09:00 AM	26639
0707129-33B	NE-20'	07/18/07 03:49 PM	Soil	SW5030B	Purge and Trap Soils GC- Gas	07/24/07 11:09 AM	26619
0707129-34A	NE-30'	07/18/07 03:57 PM	Soil	SW9056	Anion Prep	07/24/07 10:00 AM	26632
	NE-30'	07/18/07 03:57 PM	Soil	D2216	Percent Moisture	07/26/07 01:45 PM	PMOIST_070727B
	NE-30'	07/18/07 03:57 PM	Soil	SW3550B	Soil Prep Sonication: DRO	07/25/07 09:00 AM	26639

PREP DATES REPORT

Lab Order: 0707129
Client: Larson & Associates
Project: Targa Brine Pond #3

Sample ID	Client Sample ID	Collection Date	Matrix	Test Number	Test Name	Prep Date	Batch ID
0707129-34B	NE-30'	07/18/07 03:57 PM	Soil	SW5030B	Purge and Trap Soils GC- Gas	07/24/07 11:09 AM	26619
0707129-35A	NE-40'	07/18/07 04:02 PM	Soil	SW9056	Anion Prep	07/24/07 10:00 AM	26632
	NE-40'	07/18/07 04:02 PM	Soil	D2216	Percent Moisture	07/26/07 01:45 PM	PMOIST_070727B
	NE-40'	07/18/07 04:02 PM	Soil	SW3550B	Soil Prep Sonication: DRO	07/25/07 09:00 AM	26639
0707129-35B	NE-40'	07/18/07 04:02 PM	Soil	SW5030B	Purge and Trap Soils GC- Gas	07/24/07 11:09 AM	26619

DHL Analytical

27-Jul-07

ANALYTICAL DATES REPORT

Lab Order: 0707129
Client: Larson & Associates
Project: Targa Brine Pond #3

Sample ID	Client Sample ID	Matrix	Test Number	Test Name	Batch ID	Dilution	Analysis Date	Run ID
0707129-01A	SW-Surf	Soil	SW9056	Anions by IC method - Soil	26620	5	07/24/07 10:54 AM	IC2_070724A
	SW-Surf	Soil	D2216	Percent Moisture	PMOIST_070727A	1	07/27/07 08:50 AM	PMOIST_070727A
	SW-Surf	Soil	M8015D	TPH by GC - Soil DRO+ORO	26614	5	07/23/07 09:51 PM	GC15_070723A
	SW-Surf	Soil	M8015D	TPH by GC - Soil DRO+ORO	26614	1	07/23/07 10:18 PM	GC15_070723A
0707129-01B	SW-Surf	Soil	M8015V	Modified 8015 Gasoline (GRO)	26611	1	07/20/07 08:08 PM	GC4_070720A
0707129-02A	SW-5'	Soil	SW9056	Anions by IC method - Soil	26620	10	07/24/07 11:09 AM	IC2_070724A
	SW-5'	Soil	D2216	Percent Moisture	PMOIST_070727A	1	07/27/07 08:50 AM	PMOIST_070727A
	SW-5'	Soil	M8015D	TPH by GC - Soil DRO+ORO	26614	1	07/23/07 03:12 PM	GC15_070723A
0707129-02B	SW-5'	Soil	M8015V	Modified 8015 Gasoline (GRO)	26611	1	07/20/07 08:33 PM	GC4_070720A
0707129-03A	SW-10'	Soil	SW9056	Anions by IC method - Soil	26620	10	07/24/07 11:23 AM	IC2_070724A
	SW-10'	Soil	D2216	Percent Moisture	PMOIST_070727A	1	07/27/07 08:50 AM	PMOIST_070727A
	SW-10'	Soil	M8015D	TPH by GC - Soil DRO+ORO	26614	1	07/23/07 03:39 PM	GC15_070723A
0707129-03B	SW-10'	Soil	M8015V	Modified 8015 Gasoline (GRO)	26611	1	07/20/07 08:57 PM	GC4_070720A
0707129-04A	SW-15'	Soil	SW9056	Anions by IC method - Soil	26620	1	07/24/07 11:38 AM	IC2_070724A
	SW-15'	Soil	D2216	Percent Moisture	PMOIST_070727A	1	07/27/07 08:50 AM	PMOIST_070727A
	SW-15'	Soil	M8015D	TPH by GC - Soil DRO+ORO	26614	1	07/23/07 04:05 PM	GC15_070723A
0707129-04B	SW-15'	Soil	M8015V	Modified 8015 Gasoline (GRO)	26611	1	07/20/07 09:23 PM	GC4_070720A
0707129-05A	SW-20'	Soil	SW9056	Anions by IC method - Soil	26620	2	07/24/07 12:13 PM	IC2_070724A
	SW-20'	Soil	D2216	Percent Moisture	PMOIST_070727A	1	07/27/07 08:50 AM	PMOIST_070727A
	SW-20'	Soil	M8015D	TPH by GC - Soil DRO+ORO	26614	1	07/23/07 04:32 PM	GC15_070723A
0707129-05B	SW-20'	Soil	M8015V	Modified 8015 Gasoline (GRO)	26611	1	07/20/07 09:47 PM	GC4_070720A
0707129-06A	SW-30'	Soil	SW9056	Anions by IC method - Soil	26620	5	07/24/07 01:13 PM	IC2_070724A
	SW-30'	Soil	D2216	Percent Moisture	PMOIST_070727A	1	07/27/07 08:50 AM	PMOIST_070727A
	SW-30'	Soil	M8015D	TPH by GC - Soil DRO+ORO	26614	1	07/23/07 04:58 PM	GC15_070723A
0707129-06B	SW-30'	Soil	M8015V	Modified 8015 Gasoline (GRO)	26611	1	07/20/07 10:12 PM	GC4_070720A
0707129-07A	SW-40'	Soil	SW9056	Anions by IC method - Soil	26620	1	07/24/07 01:28 PM	IC2_070724A
	SW-40'	Soil	D2216	Percent Moisture	PMOIST_070727A	1	07/27/07 08:50 AM	PMOIST_070727A
	SW-40'	Soil	M8015D	TPH by GC - Soil DRO+ORO	26614	1	07/23/07 05:25 PM	GC15_070723A

ANALYTICAL DATES REPORT

Lab Order: 0707129
 Client: Larson & Associates
 Project: Targa Brine Pond #3

Sample ID	Client Sample ID	Matrix	Test Number	Test Name	Batch ID	Dilution	Analysis Date	Run ID
0707129-07B	SW-40'	Soil	M8015V	Modified 8015 Gasoline (GRO)	26611	1	07/21/07 12:40 AM	GC4_070720A
0707129-08A	NW-Surf	Soil	SW9056	Anions by IC method - Soil	26620	200	07/24/07 02:27 PM	IC2_070724A
	NW-Surf	Soil	D2216	Percent Moisture	PMOIST_070727A	1	07/27/07 08:50 AM	PMOIST_070727A
	NW-Surf	Soil	M8015D	TPH by GC - Soil DRO+ORO	26614	1	07/23/07 05:51 PM	GC15_070723A
0707129-08B	NW-Surf	Soil	M8015V	Modified 8015 Gasoline (GRO)	26611	1	07/21/07 01:05 AM	GC4_070720A
0707129-09A	NW-5'	Soil	SW9056	Anions by IC method - Soil	26620	100	07/24/07 02:41 PM	IC2_070724A
	NW-5'	Soil	D2216	Percent Moisture	PMOIST_070727A	1	07/27/07 08:50 AM	PMOIST_070727A
	NW-5'	Soil	M8015D	TPH by GC - Soil DRO+ORO	26614	1	07/23/07 06:18 PM	GC15_070723A
0707129-09B	NW-5'	Soil	M8015V	Modified 8015 Gasoline (GRO)	26611	1	07/21/07 01:30 AM	GC4_070720A
0707129-10A	NW-10'	Soil	SW9056	Anions by IC method - Soil	26620	100	07/24/07 02:56 PM	IC2_070724A
	NW-10'	Soil	D2216	Percent Moisture	PMOIST_070727A	1	07/27/07 08:50 AM	PMOIST_070727A
	NW-10'	Soil	M8015D	TPH by GC - Soil DRO+ORO	26614	1	07/23/07 08:31 PM	GC15_070723A
0707129-10B	NW-10'	Soil	M8015V	Modified 8015 Gasoline (GRO)	26611	1	07/21/07 01:54 AM	GC4_070720A
0707129-11A	NW-15'	Soil	SW9056	Anions by IC method - Soil	26620	20	07/24/07 03:19 PM	IC2_070724A
	NW-15'	Soil	D2216	Percent Moisture	PMOIST_070727A	1	07/27/07 08:50 AM	PMOIST_070727A
	NW-15'	Soil	M8015D	TPH by GC - Soil DRO+ORO	26614	1	07/23/07 08:58 PM	GC15_070723A
0707129-11B	NW-15'	Soil	M8015V	Modified 8015 Gasoline (GRO)	26611	1	07/21/07 02:20 AM	GC4_070720A
0707129-12A	NW-20'	Soil	SW9056	Anions by IC method - Soil	26620	5	07/24/07 04:32 PM	IC2_070724A
	NW-20'	Soil	D2216	Percent Moisture	PMOIST_070727A	1	07/27/07 08:50 AM	PMOIST_070727A
	NW-20'	Soil	M8015D	TPH by GC - Soil DRO+ORO	26614	1	07/23/07 09:24 PM	GC15_070723A
0707129-12B	NW-20'	Soil	M8015V	Modified 8015 Gasoline (GRO)	26611	1	07/21/07 02:44 AM	GC4_070720A
0707129-13A	NW-30'	Soil	SW9056	Anions by IC method - Soil	26620	10	07/24/07 03:48 PM	IC2_070724A
	NW-30'	Soil	D2216	Percent Moisture	PMOIST_070727A	1	07/27/07 08:50 AM	PMOIST_070727A
	NW-30'	Soil	M8015D	TPH by GC - Soil DRO+ORO	26629	1	07/24/07 08:01 PM	GC15_070724A
0707129-13B	NW-30'	Soil	M8015V	Modified 8015 Gasoline (GRO)	26611	1	07/21/07 03:09 AM	GC4_070720A
0707129-14A	NW-40'	Soil	SW9056	Anions by IC method - Soil	26620	5	07/24/07 04:47 PM	IC2_070724A
	NW-40'	Soil	D2216	Percent Moisture	PMOIST_070727A	1	07/27/07 08:50 AM	PMOIST_070727A
	NW-40'	Soil	M8015D	TPH by GC - Soil DRO+ORO	26629	1	07/24/07 08:27 PM	GC15_070724A

ANALYTICAL DATES REPORT

Lab Order: 0707129

Client: Larson & Associates

Project: Targa Brine Pond #3

Sample ID	Client Sample ID	Matrix	Test Number	Test Name	Batch ID	Dilution	Analysis Date	Run ID
0707129-14B	NW-40'	Soil	M8015V	Modified 8015 Gasoline (GRO)	26611	1	07/21/07 03:34 AM	GC4_070720A
0707129-15A	C-Surf	Soil	SW9056	Anions by IC method - Soil	26620	200	07/24/07 05:01 PM	IC2_070724A
	C-Surf	Soil	D2216	Percent Moisture	PMOIST_070727A	1	07/27/07 08:50 AM	PMOIST_070727A
	C-Surf	Soil	M8015D	TPH by GC - Soil DRO+ORO	26629	1	07/24/07 08:53 PM	GC15_070724A
0707129-15B	C-Surf	Soil	M8015V	Modified 8015 Gasoline (GRO)	26611	1	07/21/07 06:52 AM	GC4_070720A
	C-Surf	Soil	SW8021B	Volatile Organics by GC	26637	1	07/25/07 10:40 AM	GC4_070725A
0707129-16A	C-5'	Soil	SW9056	Anions by IC method - Soil	26620	200	07/24/07 05:44 PM	IC2_070724A
	C-5'	Soil	D2216	Percent Moisture	PMOIST_070727A	1	07/27/07 08:50 AM	PMOIST_070727A
	C-5'	Soil	M8015D	TPH by GC - Soil DRO+ORO	26629	1	07/24/07 09:19 PM	GC15_070724A
0707129-16B	C-5'	Soil	M8015V	Modified 8015 Gasoline (GRO)	26611	1	07/21/07 07:16 AM	GC4_070720A
	C-5'	Soil	SW8021B	Volatile Organics by GC	26637	1	07/25/07 11:07 AM	GC4_070725A
0707129-17A	C-10'	Soil	SW9056	Anions by IC method - Soil	26620	50	07/24/07 05:58 PM	IC2_070724A
	C-10'	Soil	D2216	Percent Moisture	PMOIST_070727A	1	07/27/07 08:50 AM	PMOIST_070727A
	C-10'	Soil	M8015D	TPH by GC - Soil DRO+ORO	26629	1	07/24/07 09:45 PM	GC15_070724A
0707129-17B	C-10'	Soil	M8015V	Modified 8015 Gasoline (GRO)	26611	1	07/21/07 03:59 AM	GC4_070720A
	C-10'	Soil	SW8021B	Volatile Organics by GC	26637	1	07/25/07 11:34 AM	GC4_070725A
0707129-18A	C-15'	Soil	SW9056	Anions by IC method - Soil	26620	50	07/24/07 06:13 PM	IC2_070724A
	C-15'	Soil	D2216	Percent Moisture	PMOIST_070727A	1	07/27/07 08:50 AM	PMOIST_070727A
	C-15'	Soil	M8015D	TPH by GC - Soil DRO+ORO	26629	1	07/24/07 10:11 PM	GC15_070724A
0707129-18B	C-15'	Soil	M8015V	Modified 8015 Gasoline (GRO)	26611	1	07/21/07 04:23 AM	GC4_070720A
0707129-19A	C-20'	Soil	SW9056	Anions by IC method - Soil	26620	5	07/24/07 06:28 PM	IC2_070724A
	C-20'	Soil	D2216	Percent Moisture	PMOIST_070727A	1	07/27/07 08:50 AM	PMOIST_070727A
	C-20'	Soil	M8015D	TPH by GC - Soil DRO+ORO	26629	1	07/24/07 10:37 PM	GC15_070724A
0707129-19B	C-20'	Soil	M8015V	Modified 8015 Gasoline (GRO)	26611	1	07/21/07 06:02 AM	GC4_070720A
0707129-20A	C-30'	Soil	SW9056	Anions by IC method - Soil	26620	5	07/24/07 06:42 PM	IC2_070724A
	C-30'	Soil	D2216	Percent Moisture	PMOIST_070727A	1	07/27/07 08:50 AM	PMOIST_070727A
	C-30'	Soil	M8015D	TPH by GC - Soil DRO+ORO	26629	1	07/24/07 11:03 PM	GC15_070724A
0707129-20B	C-30'	Soil	M8015V	Modified 8015 Gasoline (GRO)	26611	1	07/21/07 06:27 AM	GC4_070720A

ANALYTICAL DATES REPORT

Lab Order: 0707129
 Client: Larson & Associates
 Project: Targa Brine Pond #3

Sample ID	Client Sample ID	Matrix	Test Number	Test Name	Batch ID	Dilution	Analysis Date	Run ID
0707129-21A	C-40'	Soil	SW9056	Anions by IC method - Soil	26632	5	07/25/07 10:57 AM	IC2_070725A
	C-40'	Soil	D2216	Percent Moisture	PMOIST_070727B	1	07/27/07 08:30 AM	PMOIST_070727B
	C-40'	Soil	M8015D	TPH by GC - Soil DRO+ORO	26629	1	07/25/07 01:39 AM	GC15_070724A
0707129-21B	C-40'	Soil	M8015V	Modified 8015 Gasoline (GRO)	26619	1	07/24/07 01:32 PM	GC4_070724A
0707129-22A	SE-Surf	Soil	SW9056	Anions by IC method - Soil	26632	100	07/25/07 11:12 AM	IC2_070725A
	SE-Surf	Soil	D2216	Percent Moisture	PMOIST_070727B	1	07/27/07 08:30 AM	PMOIST_070727B
	SE-Surf	Soil	M8015D	TPH by GC - Soil DRO+ORO	26629	1	07/25/07 02:06 AM	GC15_070724A
0707129-22B	SE-Surf	Soil	M8015V	Modified 8015 Gasoline (GRO)	26619	1	07/24/07 01:56 PM	GC4_070724A
0707129-23A	SE-5'	Soil	SW9056	Anions by IC method - Soil	26632	100	07/25/07 11:26 AM	IC2_070725A
	SE-5'	Soil	D2216	Percent Moisture	PMOIST_070727B	1	07/27/07 08:30 AM	PMOIST_070727B
	SE-5'	Soil	M8015D	TPH by GC - Soil DRO+ORO	26629	1	07/25/07 02:32 AM	GC15_070724A
0707129-23B	SE-5'	Soil	M8015V	Modified 8015 Gasoline (GRO)	26619	1	07/24/07 02:21 PM	GC4_070724A
0707129-24A	SE-10'	Soil	SW9056	Anions by IC method - Soil	26632	200	07/25/07 11:41 AM	IC2_070725A
	SE-10'	Soil	D2216	Percent Moisture	PMOIST_070727B	1	07/27/07 08:30 AM	PMOIST_070727B
	SE-10'	Soil	M8015D	TPH by GC - Soil DRO+ORO	26629	1	07/25/07 02:58 AM	GC15_070724A
0707129-24B	SE-10'	Soil	M8015V	Modified 8015 Gasoline (GRO)	26619	1	07/24/07 02:45 PM	GC4_070724A
0707129-25A	SE-15'	Soil	SW9056	Anions by IC method - Soil	26632	200	07/25/07 11:55 AM	IC2_070725A
	SE-15'	Soil	D2216	Percent Moisture	PMOIST_070727B	1	07/27/07 08:30 AM	PMOIST_070727B
	SE-15'	Soil	M8015D	TPH by GC - Soil DRO+ORO	26629	1	07/25/07 03:24 AM	GC15_070724A
0707129-25B	SE-15'	Soil	M8015V	Modified 8015 Gasoline (GRO)	26619	1	07/24/07 03:11 PM	GC4_070724A
0707129-26A	SE-20'	Soil	SW9056	Anions by IC method - Soil	26632	100	07/25/07 12:57 PM	IC2_070725A
	SE-20'	Soil	D2216	Percent Moisture	PMOIST_070727B	1	07/27/07 08:30 AM	PMOIST_070727B
	SE-20'	Soil	M8015D	TPH by GC - Soil DRO+ORO	26629	1	07/25/07 03:50 AM	GC15_070724A
0707129-26B	SE-20'	Soil	M8015V	Modified 8015 Gasoline (GRO)	26619	1	07/24/07 03:38 PM	GC4_070724A
0707129-27A	SE-30'	Soil	SW9056	Anions by IC method - Soil	26632	100	07/25/07 01:11 PM	IC2_070725A
	SE-30'	Soil	D2216	Percent Moisture	PMOIST_070727B	1	07/27/07 08:30 AM	PMOIST_070727B
	SE-30'	Soil	M8015D	TPH by GC - Soil DRO+ORO	26629	1	07/25/07 04:17 AM	GC15_070724A
0707129-27B	SE-30'	Soil	M8015V	Modified 8015 Gasoline (GRO)	26619	1	07/24/07 04:05 PM	GC4_070724A

ANALYTICAL DATES REPORT

Lab Order: 0707129
 Client: Larson & Associates
 Project: Targa Brine Pond #3

Sample ID	Client Sample ID	Matrix	Test Number	Test Name	Batch ID	Dilution	Analysis Date	Run ID
0707129-28A	SE-40'	Soil	SW9056	Anions by IC method - Soil	26632	100	07/25/07 01:26 PM	IC2_070725A
	SE-40'	Soil	D2216	Percent Moisture	PMOIST_070727B	1	07/27/07 08:30 AM	PMOIST_070727B
	SE-40'	Soil	M8015D	TPH by GC - Soil DRO+ORO	26629	1	07/25/07 04:42 AM	GC15_070724A
0707129-28B	SE-40'	Soil	M8015V	Modified 8015 Gasoline (GRO)	26619	1	07/24/07 04:29 PM	GC4_070724A
0707129-29A	NE-Surf	Soil	SW9056	Anions by IC method - Soil	26632	200	07/25/07 01:41 PM	IC2_070725A
	NE-Surf	Soil	D2216	Percent Moisture	PMOIST_070727B	1	07/27/07 08:30 AM	PMOIST_070727B
	NE-Surf	Soil	M8015D	TPH by GC - Soil DRO+ORO	26629	1	07/25/07 05:09 AM	GC15_070724A
0707129-29B	NE-Surf	Soil	M8015V	Modified 8015 Gasoline (GRO)	26619	1	07/24/07 07:51 PM	GC4_070724A
0707129-30A	NE-5'	Soil	SW9056	Anions by IC method - Soil	26632	20	07/25/07 01:55 PM	IC2_070725A
	NE-5'	Soil	D2216	Percent Moisture	PMOIST_070727B	1	07/27/07 08:30 AM	PMOIST_070727B
	NE-5'	Soil	M8015D	TPH by GC - Soil DRO+ORO	26629	1	07/25/07 05:35 AM	GC15_070724A
0707129-30B	NE-5'	Soil	M8015V	Modified 8015 Gasoline (GRO)	26619	1	07/24/07 08:18 PM	GC4_070724A
0707129-31A	NE-10'	Soil	SW9056	Anions by IC method - Soil	26632	20	07/25/07 02:32 PM	IC2_070725A
	NE-10'	Soil	D2216	Percent Moisture	PMOIST_070727B	1	07/27/07 08:30 AM	PMOIST_070727B
	NE-10'	Soil	M8015D	TPH by GC - Soil DRO+ORO	26639	1	07/25/07 04:32 PM	GC15_070725A
	NE-10'	Soil	M8015D	TPH by GC - Soil DRO+ORO	26629	1	07/25/07 08:11 AM	GC15_070724A
0707129-31B	NE-10'	Soil	M8015V	Modified 8015 Gasoline (GRO)	26619	1	07/24/07 08:44 PM	GC4_070724A
0707129-32A	NE-15'	Soil	SW9056	Anions by IC method - Soil	26632	5	07/25/07 02:47 PM	IC2_070725A
	NE-15'	Soil	D2216	Percent Moisture	PMOIST_070727B	1	07/27/07 08:30 AM	PMOIST_070727B
	NE-15'	Soil	M8015D	TPH by GC - Soil DRO+ORO	26629	1	07/25/07 08:38 AM	GC15_070724A
0707129-32B	NE-15'	Soil	M8015V	Modified 8015 Gasoline (GRO)	26619	1	07/24/07 09:10 PM	GC4_070724A
0707129-33A	NE-20'	Soil	SW9056	Anions by IC method - Soil	26632	5	07/25/07 03:02 PM	IC2_070725A
	NE-20'	Soil	D2216	Percent Moisture	PMOIST_070727B	1	07/27/07 08:30 AM	PMOIST_070727B
	NE-20'	Soil	M8015D	TPH by GC - Soil DRO+ORO	26639	1	07/25/07 04:59 PM	GC15_070725A
0707129-33B	NE-20'	Soil	M8015V	Modified 8015 Gasoline (GRO)	26619	1	07/24/07 09:36 PM	GC4_070724A
0707129-34A	NE-30'	Soil	SW9056	Anions by IC method - Soil	26632	5	07/25/07 03:16 PM	IC2_070725A
	NE-30'	Soil	D2216	Percent Moisture	PMOIST_070727B	1	07/27/07 08:30 AM	PMOIST_070727B
	NE-30'	Soil	M8015D	TPH by GC - Soil DRO+ORO	26639	1	07/25/07 05:25 PM	GC15_070725A

ANALYTICAL DATES REPORT

Lab Order: 0707129

Client: Larson & Associates

Project: Targa Brine Pond #3

Sample ID	Client Sample ID	Matrix	Test Number	Test Name	Batch ID	Dilution	Analysis Date	Run ID
0707129-34B	NE-30'	Soil	M8015V	Modified 8015 Gasoline (GRO)	26619	1	07/24/07 10:01 PM	GC4_070724A
0707129-35A	NE-40'	Soil	SW9056	Anions by IC method - Soil	26632	5	07/25/07 03:31 PM	IC2_070725A
	NE-40'	Soil	D2216	Percent Moisture	PMOIST_070727B	1	07/27/07 08:30 AM	PMOIST_070727B
	NE-40'	Soil	M8015D	TPH by GC - Soil DRO+ORO	26639	1	07/25/07 05:51 PM	GC15_070725A
0707129-35B	NE-40'	Soil	M8015V	Modified 8015 Gasoline (GRO)	26619	1	07/25/07 12:08 AM	GC4_070724A

DHL Analytical

Date: 27-Jul-07

CLIENT: Larson & Associates
Project: Targa Brine Pond #3
Project No:
Lab Order: 0707129

Client Sample ID: SW-Surf
Lab ID: 0707129-01
Collection Date: 07/18/07 10:45 AM
Matrix: SOIL

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
TPH BY GC - SOIL DRO+ORO							
		M8015D					Analyst: DO
TPH-DRO C10-C28	16.5	2.89	9.64		mg/Kg-dry	1	07/23/07 10:18 PM
TPH-ORO >C28-C35	4.50	2.89	9.64	J	mg/Kg-dry	1	07/23/07 10:18 PM
Surr: o-Terphenyl	73.7	0	47-142		%REC	1	07/23/07 10:18 PM
Surr: Octacosane	84.7	0	25-162		%REC	1	07/23/07 10:18 PM
MODIFIED 8015 GASOLINE (GRO)							
		M8015V					Analyst: DEW
Gasoline Range Organics	0.117	0.0619	0.206	J	mg/Kg-dry	1	07/20/07 08:08 PM
Surr: Tetrachlorethene	115	0	70-134		%REC	1	07/20/07 08:08 PM
ANIONS BY IC METHOD - SOIL							
		SW9056					Analyst: JBC
Chloride	939	28.8	28.8		mg/Kg-dry	5	07/24/07 10:54 AM
PERCENT MOISTURE							
		D2216					Analyst: TPO
Percent Moisture	15.0	0	0	N	WT%	1	07/27/07 08:50 AM

Qualifiers:	*	Value exceeds TCLP Maximum Concentration Level	B	Analyte detected in the associated Method Blank
	C	Sample Result or QC discussed in the Case Narrative	DF	Dilution Factor
	E	TPH pattern not Gas or Diesel Range Pattern	J	Analyte detected between MDL and RL
	MDL	Method Detection Limit	ND	Not Detected at the Method Detection Limit
	RL	Reporting Limit	S	Spike Recovery outside control limits
	N	Parameter not NELAC certified		

DHL Analytical

Date: 27-Jul-07

CLIENT: Larson & Associates
Project: Targa Brine Pond #3
Project No:
Lab Order: 0707129

Client Sample ID: SW-5'
Lab ID: 0707129-02
Collection Date: 07/18/07 10:50 AM
Matrix: SOIL

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
TPH BY GC - SOIL DRO+ORO		M8015D					Analyst: DO
TPH-DRO C10-C28	ND	3.49	11.6		mg/Kg-dry	1	07/23/07 03:12 PM
TPH-ORO >C28-C35	ND	3.49	11.6		mg/Kg-dry	1	07/23/07 03:12 PM
Surr: o-Terphenyl	68.2	0	47-142		%REC	1	07/23/07 03:12 PM
Surr: Octacosane	70.8	0	25-162		%REC	1	07/23/07 03:12 PM
MODIFIED 8015 GASOLINE (GRO)		M8015V					Analyst: DEW
Gasoline Range Organics	ND	0.0671	0.224		mg/Kg-dry	1	07/20/07 08:33 PM
Surr: Tetrachlorethene	116	0	70-134		%REC	1	07/20/07 08:33 PM
ANIONS BY IC METHOD - SOIL		SW9056					Analyst: JBC
Chloride	1620	60.0	60.0		mg/Kg-dry	10	07/24/07 11:09 AM
PERCENT MOISTURE		D2216					Analyst: TPO
Percent Moisture	18.7	0	0	N	WT%	1	07/27/07 08:50 AM

Qualifiers:

- * Value exceeds TCLP Maximum Concentration Level
- C Sample Result or QC discussed in the Case Narrative
- E TPH pattern not Gas or Diesel Range Pattern
- MDL Method Detection Limit
- RL Reporting Limit
- N Parameter not NELAC certified

- B Analyte detected in the associated Method Blank
- DF Dilution Factor
- J Analyte detected between MDL and RL
- ND Not Detected at the Method Detection Limit
- S Spike Recovery outside control limits

DHL Analytical

Date: 27-Jul-07

CLIENT: Larson & Associates

Client Sample ID: SW-10'

Project: Targa Brine Pond #3

Lab ID: 0707129-03

Project No:

Collection Date: 07/18/07 10:55 AM

Lab Order: 0707129

Matrix: SOIL

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
TPH BY GC - SOIL DRO+ORO		M8015D					Analyst: DO
TPH-DRO C10-C28	ND	3.48	11.6		mg/Kg-dry	1	07/23/07 03:39 PM
TPH-ORO >C28-C35	ND	3.48	11.6		mg/Kg-dry	1	07/23/07 03:39 PM
Surr: o-Terphenyl	143	0	47-142	S	%REC	1	07/23/07 03:39 PM
Surr: Octacosane	146	0	25-162		%REC	1	07/23/07 03:39 PM
MODIFIED 8015 GASOLINE (GRO)		M8015V					Analyst: DEW
Gasoline Range Organics	ND	0.0633	0.211		mg/Kg-dry	1	07/20/07 08:57 PM
Surr: Tetrachlorethene	120	0	70-134		%REC	1	07/20/07 08:57 PM
ANIONS BY IC METHOD - SOIL		SW9056					Analyst: JBC
Chloride	1190	57.5	57.5		mg/Kg-dry	10	07/24/07 11:23 AM
PERCENT MOISTURE		D2216					Analyst: TPO
Percent Moisture	13.9	0	0	N	WT%	1	07/27/07 08:50 AM

Qualifiers:

- * Value exceeds TCLP Maximum Concentration Level
- C Sample Result or QC discussed in the Case Narrative
- E TPH pattern not Gas or Diesel Range Pattern
- MDL Method Detection Limit
- RL Reporting Limit
- N Parameter not NELAC certified

- B Analyte detected in the associated Method Blank
- DF Dilution Factor
- J Analyte detected between MDL and RL
- ND Not Detected at the Method Detection Limit
- S Spike Recovery outside control limits

Page 3 of 35

DHL Analytical

Date: 27-Jul-07

CLIENT: Larson & Associates
Project: Targa Brine Pond #3
Project No:
Lab Order: 0707129

Client Sample ID: SW-15'
Lab ID: 0707129-04
Collection Date: 07/18/07 11:00 AM
Matrix: SOIL

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
TPH BY GC - SOIL DRO+ORO							
		M8015D					Analyst: DO
TPH-DRO C10-C28	ND	3.09	10.3		mg/Kg-dry	1	07/23/07 04:05 PM
TPH-ORO >C28-C35	ND	3.09	10.3		mg/Kg-dry	1	07/23/07 04:05 PM
Surr: o-Terphenyl	66.5	0	47-142		%REC	1	07/23/07 04:05 PM
Surr: Octacosane	68.4	0	25-162		%REC	1	07/23/07 04:05 PM
MODIFIED 8015 GASOLINE (GRO)							
		M8015V					Analyst: DEW
Gasoline Range Organics	ND	0.0623	0.208		mg/Kg-dry	1	07/20/07 09:23 PM
Surr: Tetrachlorethene	118	0	70-134		%REC	1	07/20/07 09:23 PM
ANIONS BY IC METHOD - SOIL							
		SW9056					Analyst: JBC
Chloride	231	5.36	5.36		mg/Kg-dry	1	07/24/07 11:38 AM
PERCENT MOISTURE							
		D2216					Analyst: TPO
Percent Moisture	7.47	0	0	N	WT%	1	07/27/07 08:50 AM

Qualifiers:	*	Value exceeds TCLP Maximum Concentration Level	B	Analyte detected in the associated Method Blank
	C	Sample Result or QC discussed in the Case Narrative	DF	Dilution Factor
	E	TPH pattern not Gas or Diesel Range Pattern	J	Analyte detected between MDL and RL
	MDL	Method Detection Limit	ND	Not Detected at the Method Detection Limit
	RL	Reporting Limit	S	Spike Recovery outside control limits
	N	Parameter not NELAC certified		

DHL Analytical

Date: 27-Jul-07

CLIENT: Larson & Associates
 Project: Targa Brine Pond #3
 Project No:
 Lab Order: 0707129

Client Sample ID: SW-20'
 Lab ID: 0707129-05
 Collection Date: 07/18/07 11:07 AM
 Matrix: SOIL

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
TPH BY GC - SOIL DRO+ORO							
		M8015D					Analyst: DO
TPH-DRO C10-C28	ND	2.76	9.22		mg/Kg-dry	1	07/23/07 04:32 PM
TPH-ORO >C28-C35	ND	2.76	9.22		mg/Kg-dry	1	07/23/07 04:32 PM
Surr: o-Terphenyl	69.9	0	47-142		%REC	1	07/23/07 04:32 PM
Surr: Octacosane	76.6	0	25-162		%REC	1	07/23/07 04:32 PM
MODIFIED 8015 GASOLINE (GRO)							
		M8015V					Analyst: DEW
Gasoline Range Organics	ND	0.0585	0.195		mg/Kg-dry	1	07/20/07 09:47 PM
Surr: Tetrachlorethene	119	0	70-134		%REC	1	07/20/07 09:47 PM
ANIONS BY IC METHOD - SOIL							
		SW9056					Analyst: JBC
Chloride	338	10.5	10.5		mg/Kg-dry	2	07/24/07 12:13 PM
PERCENT MOISTURE							
		D2216					Analyst: TPO
Percent Moisture	5.07	0	0	N	WT%	1	07/27/07 08:50 AM

Qualifiers:	* Value exceeds TCLP Maximum Concentration Level	B Analyte detected in the associated Method Blank
	C Sample Result or QC discussed in the Case Narrative	DF Dilution Factor
	E TPH pattern not Gas or Diesel Range Pattern	J Analyte detected between MDL and RL
	MDL Method Detection Limit	ND Not Detected at the Method Detection Limit
	RL Reporting Limit	S Spike Recovery outside control limits
	N Parameter not NELAC certified	

DHL Analytical

Date: 27-Jul-07

CLIENT: Larson & Associates
 Project: Targa Brine Pond #3
 Project No:
 Lab Order: 0707129

Client Sample ID: SW-30'
 Lab ID: 0707129-06
 Collection Date: 07/18/07 11:19 AM
 Matrix: SOIL

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
TPH BY GC - SOIL DRO+ORO		M8015D					Analyst: DO
TPH-DRO C10-C28	ND	3.00	9.99		mg/Kg-dry	1	07/23/07 04:58 PM
TPH-ORO >C28-C35	ND	3.00	9.99		mg/Kg-dry	1	07/23/07 04:58 PM
Surr: o-Terphenyl	70.5	0	47-142		%REC	1	07/23/07 04:58 PM
Surr: Octacosane	74.0	0	25-162		%REC	1	07/23/07 04:58 PM
MODIFIED 8015 GASOLINE (GRO)		M8015V					Analyst: DEW
Gasoline Range Organics	ND	0.0595	0.198		mg/Kg-dry	1	07/20/07 10:12 PM
Surr: Tetrachlorethene	116	0	70-134		%REC	1	07/20/07 10:12 PM
ANIONS BY IC METHOD - SOIL		SW9056					Analyst: JBC
Chloride	807	26.6	26.6		mg/Kg-dry	5	07/24/07 01:13 PM
PERCENT MOISTURE		D2216					Analyst: TPO
Percent Moisture	6.59	0	0	N	WT%	1	07/27/07 08:50 AM

Qualifiers:

- * Value exceeds TCLP Maximum Concentration Level
- C Sample Result or QC discussed in the Case Narrative
- E TPH pattern not Gas or Diesel Range Pattern
- MDL Method Detection Limit
- RL Reporting Limit
- N Parameter not NELAC certified

- B Analyte detected in the associated Method Blank
- DF Dilution Factor
- J Analyte detected between MDL and RL
- ND Not Detected at the Method Detection Limit
- S Spike Recovery outside control limits

DHL Analytical

Date: 27-Jul-07

CLIENT: Larson & Associates
Project: Targa Brine Pond #3
Project No:
Lab Order: 0707129

Client Sample ID: SW-40'
Lab ID: 0707129-07
Collection Date: 07/18/07 11:24 AM
Matrix: SOIL

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
TPH BY GC - SOIL DRO+ORO							
		M8015D					Analyst: DO
TPH-DRO C10-C28	ND	2.64	8.81		mg/Kg-dry	1	07/23/07 05:25 PM
TPH-ORO >C28-C35	ND	2.64	8.81		mg/Kg-dry	1	07/23/07 05:25 PM
Surr: o-Terphenyl	65.0	0	47-142		%REC	1	07/23/07 05:25 PM
Surr: Octacosane	68.6	0	25-162		%REC	1	07/23/07 05:25 PM
MODIFIED 8015 GASOLINE (GRO)							
		M8015V					Analyst: DEW
Gasoline Range Organics	ND	0.0574	0.191		mg/Kg-dry	1	07/21/07 12:40 AM
Surr: Tetrachlorethene	114	0	70-134		%REC	1	07/21/07 12:40 AM
ANIONS BY IC METHOD - SOIL							
		SW9056					Analyst: JBC
Chloride	239	5.20	5.20		mg/Kg-dry	1	07/24/07 01:28 PM
PERCENT MOISTURE							
		D2216					Analyst: TPO
Percent Moisture	4.96	0	0	N	WT%	1	07/27/07 08:50 AM

Qualifiers:	*	Value exceeds TCLP Maximum Concentration Level	B	Analyte detected in the associated Method Blank
	C	Sample Result or QC discussed in the Case Narrative	DF	Dilution Factor
	E	TPH pattern not Gas or Diesel Range Pattern	J	Analyte detected between MDL and RL
	MDL	Method Detection Limit	ND	Not Detected at the Method Detection Limit
	RL	Reporting Limit	S	Spike Recovery outside control limits
	N	Parameter not NELAC certified		

DHL Analytical

Date: 27-Jul-07

CLIENT: Larson & Associates
 Project: Targa Brine Pond #3
 Project No:
 Lab Order: 0707129

Client Sample ID: NW-Surf
 Lab ID: 0707129-08
 Collection Date: 07/18/07 11:50 AM
 Matrix: SOIL

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
TPH BY GC - SOIL DRO+ORO							
		M8015D					Analyst: DO
TPH-DRO C10-C28	ND	3.11	10.4		mg/Kg-dry	1	07/23/07 05:51 PM
TPH-ORO >C28-C35	ND	3.11	10.4		mg/Kg-dry	1	07/23/07 05:51 PM
Surr: o-Terphenyl	69.9	0	47-142		%REC	1	07/23/07 05:51 PM
Surr: Octacosane	72.9	0	25-162		%REC	1	07/23/07 05:51 PM
MODIFIED 8015 GASOLINE (GRO)							
		M8015V					Analyst: DEW
Gasoline Range Organics	ND	0.0626	0.209		mg/Kg-dry	1	07/21/07 01:05 AM
Surr: Tetrachlorethene	123	0	70-134		%REC	1	07/21/07 01:05 AM
ANIONS BY IC METHOD - SOIL							
		SW9056					Analyst: JBC
Chloride	46200	1130	1130		mg/Kg-dry	200	07/24/07 02:27 PM
PERCENT MOISTURE							
		D2216					Analyst: TPO
Percent Moisture	12.9	0	0	N	WT%	1	07/27/07 08:50 AM

Qualifiers:	*	Value exceeds TCLP Maximum Concentration Level	B	Analyte detected in the associated Method Blank
	C	Sample Result or QC discussed in the Case Narrative	DF	Dilution Factor
	E	TPH pattern not Gas or Diesel Range Pattern	J	Analyte detected between MDL and RL
	MDL	Method Detection Limit	ND	Not Detected at the Method Detection Limit
	RL	Reporting Limit	S	Spike Recovery outside control limits
	N	Parameter not NELAC certified		

DHL Analytical

Date: 27-Jul-07

CLIENT: Larson & Associates
 Project: Targa Brine Pond #3
 Project No:
 Lab Order: 0707129

Client Sample ID: NW-5'
 Lab ID: 0707129-09
 Collection Date: 07/18/07 11:55 AM
 Matrix: SOIL

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
TPH BY GC - SOIL DRO+ORO							
		M8015D					Analyst: DO
TPH-DRO C10-C28	ND	3.33	11.1		mg/Kg-dry	1	07/23/07 06:18 PM
TPH-ORO >C28-C35	ND	3.33	11.1		mg/Kg-dry	1	07/23/07 06:18 PM
Surr: o-Terphenyl	78.5	0	47-142		%REC	1	07/23/07 06:18 PM
Surr: Octacosane	83.1	0	25-162		%REC	1	07/23/07 06:18 PM
MODIFIED 8015 GASOLINE (GRO)							
		M8015V					Analyst: DEW
Gasoline Range Organics	ND	0.0632	0.211		mg/Kg-dry	1	07/21/07 01:30 AM
Surr: Tetrachlorethene	124	0	70-134		%REC	1	07/21/07 01:30 AM
ANIONS BY IC METHOD - SOIL							
		SW9056					Analyst: JBC
Chloride	20200	560	560		mg/Kg-dry	100	07/24/07 02:41 PM
PERCENT MOISTURE							
		D2216					Analyst: TPO
Percent Moisture	12.1	0	0	N	WT%	1	07/27/07 08:50 AM

Qualifiers:	* Value exceeds TCLP Maximum Concentration Level	B Analyte detected in the associated Method Blank
	C Sample Result or QC discussed in the Case Narrative	DF Dilution Factor
	E TPH pattern not Gas or Diesel Range Pattern	J Analyte detected between MDL and RL
	MDL Method Detection Limit	ND Not Detected at the Method Detection Limit
	RL Reporting Limit	S Spike Recovery outside control limits
	N Parameter not NELAC certified	

DHL Analytical

Date: 27-Jul-07

CLIENT: Larson & Associates
Project: Targa Brine Pond #3
Project No:
Lab Order: 0707129

Client Sample ID: NW-10'
Lab ID: 0707129-10
Collection Date: 07/18/07 12:00 PM
Matrix: SOIL

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
TPH BY GC - SOIL DRO+ORO		M8015D					Analyst: DO
TPH-DRO C10-C28	ND	3.12	10.4		mg/Kg-dry	1	07/23/07 08:31 PM
TPH-ORO >C28-C35	ND	3.12	10.4		mg/Kg-dry	1	07/23/07 08:31 PM
Surr: o-Terphenyl	73.5	0	47-142		%REC	1	07/23/07 08:31 PM
Surr: Octacosane	76.0	0	25-162		%REC	1	07/23/07 08:31 PM
MODIFIED 8015 GASOLINE (GRO)		M8015V					Analyst: DEW
Gasoline Range Organics	ND	0.0683	0.228		mg/Kg-dry	1	07/21/07 01:54 AM
Surr: Tetrachlorethene	129	0	70-134		%REC	1	07/21/07 01:54 AM
ANIONS BY IC METHOD - SOIL		SW9056					Analyst: JBC
Chloride	25000	584	584		mg/Kg-dry	100	07/24/07 02:56 PM
PERCENT MOISTURE		D2216					Analyst: TPO
Percent Moisture	15.5	0	0	N	WT%	1	07/27/07 08:50 AM

Qualifiers:	*	Value exceeds TCLP Maximum Concentration Level	B	Analyte detected in the associated Method Blank
	C	Sample Result or QC discussed in the Case Narrative	DF	Dilution Factor
	E	TPH pattern not Gas or Diesel Range Pattern	J	Analyte detected between MDL and RL
	MDL	Method Detection Limit	ND	Not Detected at the Method Detection Limit
	RL	Reporting Limit	S	Spike Recovery outside control limits
	N	Parameter not NELAC certified		

DHL Analytical

Date: 27-Jul-07

CLIENT: Larson & Associates
Project: Targa Brine Pond #3
Project No:
Lab Order: 0707129

Client Sample ID: NW-15'
Lab ID: 0707129-11
Collection Date: 07/18/07 12:08 PM
Matrix: SOIL

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
TPH BY GC - SOIL DRO+ORO		M8015D		Analyst: DO			
TPH-DRO C10-C28	ND	2.81	9.38		mg/Kg-dry	1	07/23/07 08:58 PM
TPH-ORO >C28-C35	ND	2.81	9.38		mg/Kg-dry	1	07/23/07 08:58 PM
Surr: o-Terphenyl	71.0	0	47-142		%REC	1	07/23/07 08:58 PM
Surr: Octacosane	75.0	0	25-162		%REC	1	07/23/07 08:58 PM
MODIFIED 8015 GASOLINE (GRO)		M8015V		Analyst: DEW			
Gasoline Range Organics	ND	0.0597	0.199		mg/Kg-dry	1	07/21/07 02:20 AM
Surr: Tetrachlorethene	120	0	70-134		%REC	1	07/21/07 02:20 AM
ANIONS BY IC METHOD - SOIL		SW9056		Analyst: JBC			
Chloride	5060	110	110		mg/Kg-dry	20	07/24/07 03:19 PM
PERCENT MOISTURE		D2216		Analyst: TPO			
Percent Moisture	10.3	0	0	N	WT%	1	07/27/07 08:50 AM

Qualifiers: * Value exceeds TCLP Maximum Concentration Level
C Sample Result or QC discussed in the Case Narrative
E TPH pattern not Gas or Diesel Range Pattern
MDL Method Detection Limit
RL Reporting Limit
N Parameter not NELAC certified

B Analyte detected in the associated Method Blank
DF Dilution Factor
J Analyte detected between MDL and RL
ND Not Detected at the Method Detection Limit
S Spike Recovery outside control limits

DHL Analytical

Date: 27-Jul-07

CLIENT: Larson & Associates
 Project: Targa Brine Pond #3
 Project No:
 Lab Order: 0707129

Client Sample ID: NW-20'
 Lab ID: 0707129-12
 Collection Date: 07/18/07 12:11 PM
 Matrix: SOIL

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
TPH BY GC - SOIL DRO+ORO		M8015D					Analyst: DO
TPH-DRO C10-C28	ND	3.07	10.2		mg/Kg-dry	1	07/23/07 09:24 PM
TPH-ORO >C28-C35	ND	3.07	10.2		mg/Kg-dry	1	07/23/07 09:24 PM
Surr: o-Terphenyl	71.7	0	47-142		%REC	1	07/23/07 09:24 PM
Surr: Octacosane	79.9	0	25-162		%REC	1	07/23/07 09:24 PM
MODIFIED 8015 GASOLINE (GRO)		M8015V					Analyst: DEW
Gasoline Range Organics	ND	0.0598	0.199		mg/Kg-dry	1	07/21/07 02:44 AM
Surr: Tetrachlorethene	103	0	70-134		%REC	1	07/21/07 02:44 AM
ANIONS BY IC METHOD - SOIL		SW9056					Analyst: JBC
Chloride	774	27.1	27.1		mg/Kg-dry	5	07/24/07 04:32 PM
PERCENT MOISTURE		D2216					Analyst: TPO
Percent Moisture	8.82	0	0	N	WT%	1	07/27/07 08:50 AM

Qualifiers:	*	Value exceeds TCLP Maximum Concentration Level	B	Analyte detected in the associated Method Blank
	C	Sample Result or QC discussed in the Case Narrative	DF	Dilution Factor
	E	TPH pattern not Gas or Diesel Range Pattern	J	Analyte detected between MDL and RL
	MDL	Method Detection Limit	ND	Not Detected at the Method Detection Limit
	RL	Reporting Limit	S	Spike Recovery outside control limits
	N	Parameter not NELAC certified		

DHL Analytical

Date: 27-Jul-07

CLIENT: Larson & Associates
Project: Targa Brine Pond #3
Project No:
Lab Order: 0707129

Client Sample ID: NW-30'
Lab ID: 0707129-13
Collection Date: 07/18/07 12:22 PM
Matrix: SOIL

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
TPH BY GC - SOIL DRO+ORO							
		M8015D					Analyst: DO
TPH-DRO C10-C28	294	2.82	9.40		mg/Kg-dry	1	07/24/07 08:01 PM
TPH-ORO >C28-C35	44.2	2.82	9.40		mg/Kg-dry	1	07/24/07 08:01 PM
Surr: o-Terphenyl	58.3	0	47-142		%REC	1	07/24/07 08:01 PM
Surr: Octacosane	118	0	25-162		%REC	1	07/24/07 08:01 PM
MODIFIED 8015 GASOLINE (GRO)							
		M8015V					Analyst: DEW
Gasoline Range Organics	ND	0.0630	0.210		mg/Kg-dry	1	07/21/07 03:09 AM
Surr: Tetrachlorethene	128	0	70-134		%REC	1	07/21/07 03:09 AM
ANIONS BY IC METHOD - SOIL							
		SW9056					Analyst: JBC
Chloride	1250	51.7	51.7		mg/Kg-dry	10	07/24/07 03:48 PM
PERCENT MOISTURE							
		D2216					Analyst: TPO
Percent Moisture	4.80	0	0	N	WT%	1	07/27/07 08:50 AM

Qualifiers:

- * Value exceeds TCLP Maximum Concentration Level
- C Sample Result or QC discussed in the Case Narrative
- E TPH pattern not Gas or Diesel Range Pattern
- MDL Method Detection Limit
- RL Reporting Limit
- N Parameter not NELAC certified

- B Analyte detected in the associated Method Blank
- DF Dilution Factor
- J Analyte detected between MDL and RL
- ND Not Detected at the Method Detection Limit
- S Spike Recovery outside control limits

DHL Analytical

Date: 27-Jul-07

CLIENT: Larson & Associates
Project: Targa Brine Pond #3
Project No:
Lab Order: 0707129

Client Sample ID: NW-40'
Lab ID: 0707129-14
Collection Date: 07/18/07 12:31 PM
Matrix: SOIL

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
TPH BY GC - SOIL DRO+ORO		M8015D					Analyst: DO
TPH-DRO C10-C28	ND	2.86	9.53		mg/Kg-dry	1	07/24/07 08:27 PM
TPH-ORO >C28-C35	ND	2.86	9.53		mg/Kg-dry	1	07/24/07 08:27 PM
Surr: o-Terphenyl	128	0	47-142		%REC	1	07/24/07 08:27 PM
Surr: Octacosane	149	0	25-162		%REC	1	07/24/07 08:27 PM
MODIFIED 8015 GASOLINE (GRO)		M8015V					Analyst: DEW
Gasoline Range Organics	0.0681	0.0596	0.199	J	mg/Kg-dry	1	07/21/07 03:34 AM
Surr: Tetrachlorethene	121	0	70-134		%REC	1	07/21/07 03:34 AM
ANIONS BY IC METHOD - SOIL		SW9056					Analyst: JBC
Chloride	826	26.2	26.2		mg/Kg-dry	5	07/24/07 04:47 PM
PERCENT MOISTURE		D2216					Analyst: TPO
Percent Moisture	4.99	0	0	N	WT%	1	07/27/07 08:50 AM

Qualifiers:	*	Value exceeds TCLP Maximum Concentration Level	B	Analyte detected in the associated Method Blank
	C	Sample Result or QC discussed in the Case Narrative	DF	Dilution Factor
	E	TPH pattern not Gas or Diesel Range Pattern	J	Analyte detected between MDL and RL
MDL		Method Detection Limit	ND	Not Detected at the Method Detection Limit
RL		Reporting Limit	S	Spike Recovery outside control limits
N		Parameter not NELAC certified		

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DHL Analytical

Date: 27-Jul-07

CLIENT: Larson & Associates
Project: Targa Brine Pond #3
Project No:
Lab Order: 0707129

Client Sample ID: C-Surf
Lab ID: 0707129-15
Collection Date: 07/18/07 01:19 PM
Matrix: SOIL

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
TPH BY GC - SOIL DRO+ORO							
		M8015D					Analyst: DO
TPH-DRO C10-C28	ND	3.45	11.5		mg/Kg-dry	1	07/24/07 08:53 PM
TPH-ORO >C28-C35	ND	3.45	11.5		mg/Kg-dry	1	07/24/07 08:53 PM
Surr: o-Terphenyl	62.6	0	47-142		%REC	1	07/24/07 08:53 PM
Surr: Octacosane	72.3	0	25-162		%REC	1	07/24/07 08:53 PM
MODIFIED 8015 GASOLINE (GRO)							
		M8015V					Analyst: DEW
Gasoline Range Organics	0.139	0.0647	0.216	J	mg/Kg-dry	1	07/21/07 06:52 AM
Surr: Tetrachlorethene	125	0	70-134		%REC	1	07/21/07 06:52 AM
VOLATILE ORGANICS BY GC							
		SW8021B					Analyst: DEW
Benzene	ND	0.00336	0.00560		mg/Kg-dry	1	07/25/07 10:40 AM
Ethylbenzene	ND	0.00560	0.0168		mg/Kg-dry	1	07/25/07 10:40 AM
Toluene	ND	0.00560	0.0168		mg/Kg-dry	1	07/25/07 10:40 AM
Xylenes, Total	ND	0.00560	0.0168		mg/Kg-dry	1	07/25/07 10:40 AM
Surr: Tetrachloroethene	94.7	0	79-135		%REC	1	07/25/07 10:40 AM
ANIONS BY IC METHOD - SOIL							
		SW9056					Analyst: JBC
Chloride	46000	1150	1150		mg/Kg-dry	200	07/24/07 05:01 PM
PERCENT MOISTURE							
		D2216					Analyst: TPO
Percent Moisture	14.2	0	0	N	WT%	1	07/27/07 08:50 AM

Qualifiers: * Value exceeds TCLP Maximum Concentration Level
C Sample Result or QC discussed in the Case Narrative
E TPH pattern not Gas or Diesel Range Pattern
MDL Method Detection Limit
RL Reporting Limit
N Parameter not NELAC certified

B Analyte detected in the associated Method Blank
DF Dilution Factor
J Analyte detected between MDL and RL
ND Not Detected at the Method Detection Limit
S Spike Recovery outside control limits

DHL Analytical

Date: 27-Jul-07

CLIENT: Larson & Associates
Project: Targa Brine Pond #3
Project No:
Lab Order: 0707129

Client Sample ID: C-5'
Lab ID: 0707129-16
Collection Date: 07/18/07 01:23 PM
Matrix: SOIL

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
TPH BY GC - SOIL DRO+ORO							
		M8015D					Analyst: DO
TPH-DRO C10-C28	4.90	2.95	9.84	J	mg/Kg-dry	1	07/24/07 09:19 PM
TPH-ORO >C28-C35	ND	2.95	9.84		mg/Kg-dry	1	07/24/07 09:19 PM
Surr: o-Terphenyl	63.6	0	47-142		%REC	1	07/24/07 09:19 PM
Surr: Octacosane	84.0	0	25-162		%REC	1	07/24/07 09:19 PM
MODIFIED 8015 GASOLINE (GRO)							
		M8015V					Analyst: DEW
Gasoline Range Organics	0.636	0.0630	0.210		mg/Kg-dry	1	07/21/07 07:16 AM
Surr: Tetrachlorethene	116	0	70-134		%REC	1	07/21/07 07:16 AM
VOLATILE ORGANICS BY GC							
		SW8021B					Analyst: DEW
Benzene	ND	0.00315	0.00525		mg/Kg-dry	1	07/25/07 11:07 AM
Ethylbenzene	ND	0.00525	0.0158		mg/Kg-dry	1	07/25/07 11:07 AM
Toluene	ND	0.00525	0.0158		mg/Kg-dry	1	07/25/07 11:07 AM
Xylenes, Total	ND	0.00525	0.0158		mg/Kg-dry	1	07/25/07 11:07 AM
Surr: Tetrachloroethene	93.9	0	79-135		%REC	1	07/25/07 11:07 AM
ANIONS BY IC METHOD - SOIL							
		SW9056					Analyst: JBC
Chloride	23900	1120	1120		mg/Kg-dry	200	07/24/07 05:44 PM
PERCENT MOISTURE							
		D2216					Analyst: TPO
Percent Moisture	11.9	0	0	N	WT%	1	07/27/07 08:50 AM

Qualifiers:	* Value exceeds TCLP Maximum Concentration Level	B Analyte detected in the associated Method Blank
	C Sample Result or QC discussed in the Case Narrative	DF Dilution Factor
	E TPH pattern not Gas or Diesel Range Pattern	J Analyte detected between MDL and RL
	MDL Method Detection Limit	ND Not Detected at the Method Detection Limit
	RL Reporting Limit	S Spike Recovery outside control limits
	N Parameter not NELAC certified	

DHL Analytical

Date: 27-Jul-07

CLIENT: Larson & Associates
Project: Targa Brine Pond #3
Project No:
Lab Order: 0707129

Client Sample ID: C-10'
Lab ID: 0707129-17
Collection Date: 07/18/07 01:29 PM
Matrix: SOIL

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
TPH BY GC - SOIL DRO+ORO							
		M8015D					Analyst: DO
TPH-DRO C10-C28	ND	3.05	10.2		mg/Kg-dry	1	07/24/07 09:45 PM
TPH-ORO >C28-C35	ND	3.05	10.2		mg/Kg-dry	1	07/24/07 09:45 PM
Surr: o-Terphenyl	59.3	0	47-142		%REC	1	07/24/07 09:45 PM
Surr: Octacosane	69.8	0	25-162		%REC	1	07/24/07 09:45 PM
MODIFIED 8015 GASOLINE (GRO)							
		M8015V					Analyst: DEW
Gasoline Range Organics	ND	0.0622	0.207		mg/Kg-dry	1	07/21/07 03:59 AM
Surr: Tetrachlorethene	123	0	70-134		%REC	1	07/21/07 03:59 AM
VOLATILE ORGANICS BY GC							
		SW8021B					Analyst: DEW
Benzene	ND	0.00311	0.00518		mg/Kg-dry	1	07/25/07 11:34 AM
Ethylbenzene	ND	0.00518	0.0155		mg/Kg-dry	1	07/25/07 11:34 AM
Toluene	ND	0.00518	0.0155		mg/Kg-dry	1	07/25/07 11:34 AM
Xylenes, Total	ND	0.00518	0.0155		mg/Kg-dry	1	07/25/07 11:34 AM
Surr: Tetrachloroethene	94.6	0	79-135		%REC	1	07/25/07 11:34 AM
ANIONS BY IC METHOD - SOIL							
		SW9056					Analyst: JBC
Chloride	4510	274	274		mg/Kg-dry	50	07/24/07 05:58 PM
PERCENT MOISTURE							
		D2216					Analyst: TPO
Percent Moisture	10.6	0	0	N	WT%	1	07/27/07 08:50 AM

Qualifiers:

- * Value exceeds TCLP Maximum Concentration Level
- C Sample Result or QC discussed in the Case Narrative
- E TPH pattern not Gas or Diesel Range Pattern
- MDL Method Detection Limit
- RL Reporting Limit
- N Parameter not NELAC certified

- B Analyte detected in the associated Method Blank
- DF Dilution Factor
- J Analyte detected between MDL and RL
- ND Not Detected at the Method Detection Limit
- S Spike Recovery outside control limits

DHL Analytical

Date: 27-Jul-07

CLIENT: Larson & Associates
 Project: Targa Brine Pond #3
 Project No:
 Lab Order: 0707129

Client Sample ID: C-15'
 Lab ID: 0707129-18
 Collection Date: 07/18/07 01:34 PM
 Matrix: SOIL

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
TPH BY GC - SOIL DRO+ORO		M8015D					Analyst: DO
TPH-DRO C10-C28	ND	3.18	10.6		mg/Kg-dry	1	07/24/07 10:11 PM
TPH-ORO >C28-C35	ND	3.18	10.6		mg/Kg-dry	1	07/24/07 10:11 PM
Surr: o-Terphenyl	63.9	0	47-142		%REC	1	07/24/07 10:11 PM
Surr: Octacosane	88.0	0	25-162		%REC	1	07/24/07 10:11 PM
MODIFIED 8015 GASOLINE (GRO)		M8015V					Analyst: DEW
Gasoline Range Organics	ND	0.0632	0.211		mg/Kg-dry	1	07/21/07 04:23 AM
Surr: Tetrachlorethene	118	0	70-134		%REC	1	07/21/07 04:23 AM
ANIONS BY IC METHOD - SOIL		SW9056					Analyst: JBC
Chloride	3670	273	273		mg/Kg-dry	50	07/24/07 06:13 PM
PERCENT MOISTURE		D2216					Analyst: TPO
Percent Moisture	8.72	0	0	N	WT%	1	07/27/07 08:50 AM

Qualifiers:	* Value exceeds TCLP Maximum Concentration Level	B Analyte detected in the associated Method Blank
	C Sample Result or QC discussed in the Case Narrative	DF Dilution Factor
	E TPH pattern not Gas or Diesel Range Pattern	J Analyte detected between MDL and RL
MDL	Method Detection Limit	ND Not Detected at the Method Detection Limit
RL	Reporting Limit	S Spike Recovery outside control limits
N	Parameter not NELAC certified	

DHL Analytical

Date: 27-Jul-07

CLIENT: Larson & Associates
Project: Targa Brine Pond #3
Project No:
Lab Order: 0707129

Client Sample ID: C-20'
Lab ID: 0707129-19
Collection Date: 07/18/07 01:40 PM
Matrix: SOIL

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
TPH BY GC - SOIL DRO+ORO							
		M8015D					Analyst: DO
TPH-DRO C10-C28	ND	3.04	10.1		mg/Kg-dry	1	07/24/07 10:37 PM
TPH-ORO >C28-C35	ND	3.04	10.1		mg/Kg-dry	1	07/24/07 10:37 PM
Surr: o-Terphenyl	63.4	0	47-142		%REC	1	07/24/07 10:37 PM
Surr: Octacosane	72.3	0	25-162		%REC	1	07/24/07 10:37 PM
MODIFIED 8015 GASOLINE (GRO)							
		M8015V					Analyst: DEW
Gasoline Range Organics	ND	0.0641	0.214		mg/Kg-dry	1	07/21/07 06:02 AM
Surr: Tetrachlorethene	130	0	70-134		%REC	1	07/21/07 06:02 AM
ANIONS BY IC METHOD - SOIL							
		SW9056					Analyst: JBC
Chloride	371	26.9	26.9		mg/Kg-dry	5	07/24/07 06:28 PM
PERCENT MOISTURE							
		D2216					Analyst: TPO
Percent Moisture	8.29	0	0	N	WT%	1	07/27/07 08:50 AM

Qualifiers:	* Value exceeds TCLP Maximum Concentration Level	B Analyte detected in the associated Method Blank
	C Sample Result or QC discussed in the Case Narrative	DF Dilution Factor
	E TPH pattern not Gas or Diesel Range Pattern	J Analyte detected between MDL and RL
MDL	Method Detection Limit	ND Not Detected at the Method Detection Limit
RL	Reporting Limit	S Spike Recovery outside control limits
N	Parameter not NELAC certified	

DHL Analytical

Date: 27-Jul-07

CLIENT: Larson & Associates
 Project: Targa Brine Pond #3
 Project No:
 Lab Order: 0707129

Client Sample ID: C-30'
 Lab ID: 0707129-20
 Collection Date: 07/18/07 01:47 PM
 Matrix: SOIL

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
TPH BY GC - SOIL DRO+ORO							
		M8015D					Analyst: DO
TPH-DRO C10-C28	ND	3.04	10.1		mg/Kg-dry	1	07/24/07 11:03 PM
TPH-ORO >C28-C35	ND	3.04	10.1		mg/Kg-dry	1	07/24/07 11:03 PM
Surr: o-Terphenyl	65.4	0	47-142		%REC	1	07/24/07 11:03 PM
Surr: Octacosane	74.2	0	25-162		%REC	1	07/24/07 11:03 PM
MODIFIED 8015 GASOLINE (GRO)							
		M8015V					Analyst: DEW
Gasoline Range Organics	ND	0.0556	0.185		mg/Kg-dry	1	07/21/07 06:27 AM
Surr: Tetrachlorethene	115	0	70-134		%REC	1	07/21/07 06:27 AM
ANIONS BY IC METHOD - SOIL							
		SW9056					Analyst: JBC
Chloride	503	25.7	25.7		mg/Kg-dry	5	07/24/07 06:42 PM
PERCENT MOISTURE							
		D2216					Analyst: TPO
Percent Moisture	3.60	0	0	N	WT%	1	07/27/07 08:50 AM

Qualifiers:	*	Value exceeds TCLP Maximum Concentration Level	B	Analyte detected in the associated Method Blank
	C	Sample Result or QC discussed in the Case Narrative	DF	Dilution Factor
	E	TPH pattern not Gas or Diesel Range Pattern	J	Analyte detected between MDL and RL
	MDL	Method Detection Limit	ND	Not Detected at the Method Detection Limit
	RL	Reporting Limit	S	Spike Recovery outside control limits
	N	Parameter not NELAC certified		

DHL Analytical

Date: 27-Jul-07

CLIENT: Larson & Associates
 Project: Targa Brine Pond #3
 Project No:
 Lab Order: 0707129

Client Sample ID: C-40'
 Lab ID: 0707129-21
 Collection Date: 07/18/07 01:58 PM
 Matrix: SOIL

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
TPH BY GC - SOIL DRO+ORO		M8015D					Analyst: DO
TPH-DRO C10-C28	ND	2.68	8.94		mg/Kg-dry	1	07/25/07 01:39 AM
TPH-ORO >C28-C35	ND	2.68	8.94		mg/Kg-dry	1	07/25/07 01:39 AM
Surr: o-Terphenyl	67.3	0	47-142		%REC	1	07/25/07 01:39 AM
Surr: Octacosane	47.8	0	25-162		%REC	1	07/25/07 01:39 AM
MODIFIED 8015 GASOLINE (GRO)		M8015V					Analyst: DEW
Gasoline Range Organics	ND	0.0585	0.195		mg/Kg-dry	1	07/24/07 01:32 PM
Surr: Tetrachlorethene	103	0	70-134		%REC	1	07/24/07 01:32 PM
ANIONS BY IC METHOD - SOIL		SW9056					Analyst: JBC
Chloride	385	26.3	26.3		mg/Kg-dry	5	07/25/07 10:57 AM
PERCENT MOISTURE		D2216					Analyst: TPO
Percent Moisture	5.08	0	0	N	WT%	1	07/27/07 08:30 AM

Qualifiers:	* Value exceeds TCLP Maximum Concentration Level	B Analyte detected in the associated Method Blank
	C Sample Result or QC discussed in the Case Narrative	DF Dilution Factor
	E TPH pattern not Gas or Diesel Range Pattern	J Analyte detected between MDL and RL
MDL	Method Detection Limit	ND Not Detected at the Method Detection Limit
RL	Reporting Limit	S Spike Recovery outside control limits
N	Parameter not NELAC certified	

DHL Analytical

Date: 27-Jul-07

CLIENT: Larson & Associates
Project: Targa Brine Pond #3
Project No:
Lab Order: 0707129

Client Sample ID: SE-Surf
Lab ID: 0707129-22
Collection Date: 07/18/07 02:18 PM
Matrix: SOIL

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
TPH BY GC - SOIL DRO+ORO		M8015D					Analyst: DO
TPH-DRO C10-C28	ND	2.53	8.43		mg/Kg-dry	1	07/25/07 02:06 AM
TPH-ORO >C28-C35	ND	2.53	8.43		mg/Kg-dry	1	07/25/07 02:06 AM
Surr: o-Terphenyl	73.7	0	47-142		%REC	1	07/25/07 02:06 AM
Surr: Octacosane	83.8	0	25-162		%REC	1	07/25/07 02:06 AM
MODIFIED 8015 GASOLINE (GRO)		M8015V					Analyst: DEW
Gasoline Range Organics	ND	0.0552	0.184		mg/Kg-dry	1	07/24/07 01:56 PM
Surr: Tetrachlorethene	116	0	70-134		%REC	1	07/24/07 01:56 PM
ANIONS BY IC METHOD - SOIL		SW9056					Analyst: JBC
Chloride	4280	521	521		mg/Kg-dry	100	07/25/07 11:12 AM
PERCENT MOISTURE		D2216					Analyst: TPO
Percent Moisture	4.67	0	0	N	WT%	1	07/27/07 08:30 AM

Qualifiers: * Value exceeds TCLP Maximum Concentration Level
C Sample Result or QC discussed in the Case Narrative
E TPH pattern not Gas or Diesel Range Pattern
MDL Method Detection Limit
RL Reporting Limit
N Parameter not NELAC certified

B Analyte detected in the associated Method Blank
DF Dilution Factor
J Analyte detected between MDL and RL
ND Not Detected at the Method Detection Limit
S Spike Recovery outside control limits

DHL Analytical

Date: 27-Jul-07

CLIENT: Larson & Associates
 Project: Targa Brine Pond #3
 Project No:
 Lab Order: 0707129

Client Sample ID: SE-5'
 Lab ID: 0707129-23
 Collection Date: 07/18/07 02:22 PM
 Matrix: SOIL

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
TPH BY GC - SOIL DRO+ORO		M8015D					Analyst: DO
TPH-DRO C10-C28	ND	2.84	9.48		mg/Kg-dry	1	07/25/07 02:32 AM
TPH-ORO >C28-C35	ND	2.84	9.48		mg/Kg-dry	1	07/25/07 02:32 AM
Surr: o-Terphenyl	73.0	0	47-142		%REC	1	07/25/07 02:32 AM
Surr: Octacosane	83.5	0	25-162		%REC	1	07/25/07 02:32 AM
MODIFIED 8015 GASOLINE (GRO)		M8015V					Analyst: DEW
Gasoline Range Organics	0.0659	0.0632	0.211	J	mg/Kg-dry	1	07/24/07 02:21 PM
Surr: Tetrachlorethene	110	0	70-134		%REC	1	07/24/07 02:21 PM
ANIONS BY IC METHOD - SOIL		SW9056					Analyst: JBC
Chloride	9850	525	525		mg/Kg-dry	100	07/25/07 11:26 AM
PERCENT MOISTURE		D2216					Analyst: TPO
Percent Moisture	6.89	0	0	N	WT%	1	07/27/07 08:30 AM

Qualifiers:	* Value exceeds TCLP Maximum Concentration Level	B Analyte detected in the associated Method Blank
	C Sample Result or QC discussed in the Case Narrative	DF Dilution Factor
	E TPH pattern not Gas or Diesel Range Pattern	J Analyte detected between MDL and RL
	MDL Method Detection Limit	ND Not Detected at the Method Detection Limit
	RL Reporting Limit	S Spike Recovery outside control limits
	N Parameter not NELAC certified	

DHL Analytical

Date: 27-Jul-07

CLIENT: Larson & Associates
Project: Targa Brine Pond #3
Project No:
Lab Order: 0707129

Client Sample ID: SE-10'
Lab ID: 0707129-24
Collection Date: 07/18/07 02:28 PM
Matrix: SOIL

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
TPH BY GC - SOIL DRO+ORO							
		M8015D					Analyst: DO
TPH-DRO C10-C28	ND	3.07	10.2		mg/Kg-dry	1	07/25/07 02:58 AM
TPH-ORO >C28-C35	ND	3.07	10.2		mg/Kg-dry	1	07/25/07 02:58 AM
Surr: o-Terphenyl	69.4	0	47-142		%REC	1	07/25/07 02:58 AM
Surr: Octacosane	80.9	0	25-162		%REC	1	07/25/07 02:58 AM
MODIFIED 8015 GASOLINE (GRO)							
		M8015V					Analyst: DEW
Gasoline Range Organics	ND	0.0654	0.218		mg/Kg-dry	1	07/24/07 02:45 PM
Surr: Tetrachlorethene	113	0	70-134		%REC	1	07/24/07 02:45 PM
ANIONS BY IC METHOD - SOIL							
		SW9056					Analyst: JBC
Chloride	33900	1090	1090		mg/Kg-dry	200	07/25/07 11:41 AM
PERCENT MOISTURE							
		D2216					Analyst: TPO
Percent Moisture	10.0	0	0	N	WT%	1	07/27/07 08:30 AM

Qualifiers:	*	Value exceeds TCLP Maximum Concentration Level	B	Analyte detected in the associated Method Blank
	C	Sample Result or QC discussed in the Case Narrative	DF	Dilution Factor
	E	TPH pattern not Gas or Diesel Range Pattern	J	Analyte detected between MDL and RL
	MDL	Method Detection Limit	ND	Not Detected at the Method Detection Limit
	RL	Reporting Limit	S	Spike Recovery outside control limits
	N	Parameter not NELAC certified		

DHL Analytical

Date: 27-Jul-07

CLIENT: Larson & Associates
Project: Targa Brine Pond #3
Project No:
Lab Order: 0707129

Client Sample ID: SE-15'
Lab ID: 0707129-25
Collection Date: 07/18/07 02:33 PM
Matrix: SOIL

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
TPH BY GC - SOIL DRO+ORO		M8015D					Analyst: DO
TPH-DRO C10-C28	ND	3.17	10.6		mg/Kg-dry	1	07/25/07 03:24 AM
TPH-ORO >C28-C35	ND	3.17	10.6		mg/Kg-dry	1	07/25/07 03:24 AM
Surr: o-Terphenyl	69.1	0	47-142		%REC	1	07/25/07 03:24 AM
Surr: Octacosane	80.3	0	25-162		%REC	1	07/25/07 03:24 AM
MODIFIED 8015 GASOLINE (GRO)		M8015V					Analyst: DEW
Gasoline Range Organics	ND	0.0590	0.197		mg/Kg-dry	1	07/24/07 03:11 PM
Surr: Tetrachlorethene	115	0	70-134		%REC	1	07/24/07 03:11 PM
ANIONS BY IC METHOD - SOIL		SW9056					Analyst: JBC
Chloride	28100	1050	1050		mg/Kg-dry	200	07/25/07 11:55 AM
PERCENT MOISTURE		D2216					Analyst: TPO
Percent Moisture	7.55	0	0	N	WT%	1	07/27/07 08:30 AM

Qualifiers:	* Value exceeds TCLP Maximum Concentration Level	B Analyte detected in the associated Method Blank
	C Sample Result or QC discussed in the Case Narrative	DF Dilution Factor
	E TPH pattern not Gas or Diesel Range Pattern	J Analyte detected between MDL and RL
MDL	Method Detection Limit	ND Not Detected at the Method Detection Limit
RL	Reporting Limit	S Spike Recovery outside control limits
N	Parameter not NELAC certified	

DHL Analytical

Date: 27-Jul-07

CLIENT: Larson & Associates
Project: Targa Brine Pond #3
Project No:
Lab Order: 0707129

Client Sample ID: SE-20'
Lab ID: 0707129-26
Collection Date: 07/18/07 02:38 PM
Matrix: SOIL

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
TPH BY GC - SOIL DRO+ORO							
		M8015D					Analyst: DO
TPH-DRO C10-C28	4.26	2.83	9.44	J	mg/Kg-dry	1	07/25/07 03:50 AM
TPH-ORO >C28-C35	ND	2.83	9.44		mg/Kg-dry	1	07/25/07 03:50 AM
Surr: o-Terphenyl	67.3	0	47-142		%REC	1	07/25/07 03:50 AM
Surr: Octacosane	77.2	0	25-162		%REC	1	07/25/07 03:50 AM
MODIFIED 8015 GASOLINE (GRO)							
		M8015V					Analyst: DEW
Gasoline Range Organics	ND	0.0568	0.189		mg/Kg-dry	1	07/24/07 03:38 PM
Surr: Tetrachlorethene	114	0	70-134		%REC	1	07/24/07 03:38 PM
ANIONS BY IC METHOD - SOIL							
		SW9056					Analyst: JBC
Chloride	18300	527	527		mg/Kg-dry	100	07/25/07 12:57 PM
PERCENT MOISTURE							
		D2216					Analyst: TPO
Percent Moisture	5.66	0	0	N	WT%	1	07/27/07 08:30 AM

Qualifiers:	* Value exceeds TCLP Maximum Concentration Level	B Analyte detected in the associated Method Blank
	C Sample Result or QC discussed in the Case Narrative	DF Dilution Factor
	E TPH pattern not Gas or Diesel Range Pattern	J Analyte detected between MDL and RL
MDL	Method Detection Limit	ND Not Detected at the Method Detection Limit
RL	Reporting Limit	S Spike Recovery outside control limits
N	Parameter not NELAC certified	

DHL Analytical

Date: 27-Jul-07

CLIENT: Larson & Associates
Project: Targa Brine Pond #3
Project No:
Lab Order: 0707129

Client Sample ID: SE-30'
Lab ID: 0707129-27
Collection Date: 07/18/07 02:51 PM
Matrix: SOIL

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
TPH BY GC - SOIL DRO+ORO		M8015D		Analyst: DO			
TPH-DRO C10-C28	ND	3.05	10.2		mg/Kg-dry	1	07/25/07 04:17 AM
TPH-ORO >C28-C35	ND	3.05	10.2		mg/Kg-dry	1	07/25/07 04:17 AM
Surr: o-Terphenyl	64.7	0	47-142		%REC	1	07/25/07 04:17 AM
Surr: Octacosane	76.2	0	25-162		%REC	1	07/25/07 04:17 AM
MODIFIED 8015 GASOLINE (GRO)		M8015V		Analyst: DEW			
Gasoline Range Organics	ND	0.0573	0.191		mg/Kg-dry	1	07/24/07 04:05 PM
Surr: Tetrachlorethene	112	0	70-134		%REC	1	07/24/07 04:05 PM
ANIONS BY IC METHOD - SOIL		SW9056		Analyst: JBC			
Chloride	25400	530	530		mg/Kg-dry	100	07/25/07 01:11 PM
PERCENT MOISTURE		D2216		Analyst: TPO			
Percent Moisture	6.46	0	0	N	WT%	1	07/27/07 08:30 AM

Qualifiers:	*	Value exceeds TCLP Maximum Concentration Level	B	Analyte detected in the associated Method Blank
	C	Sample Result or QC discussed in the Case Narrative	DF	Dilution Factor
	E	TPH pattern not Gas or Diesel Range Pattern	J	Analyte detected between MDL and RL
	MDL	Method Detection Limit	ND	Not Detected at the Method Detection Limit
	RL	Reporting Limit	S	Spike Recovery outside control limits
	N	Parameter not NELAC certified		

DHL Analytical

Date: 27-Jul-07

CLIENT: Larson & Associates
 Project: Targa Brine Pond #3
 Project No:
 Lab Order: 0707129

Client Sample ID: SE-40'
 Lab ID: 0707129-28
 Collection Date: 07/18/07 02:58 PM
 Matrix: SOIL

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
TPH BY GC - SOIL DRO+ORO							
		M8015D					Analyst: DO
TPH-DRO C10-C28	ND	2.84	9.48		mg/Kg-dry	1	07/25/07 04:42 AM
TPH-ORO >C28-C35	ND	2.84	9.48		mg/Kg-dry	1	07/25/07 04:42 AM
Surr: o-Terphenyl	66.0	0	47-142		%REC	1	07/25/07 04:42 AM
Surr: Octacosane	75.6	0	25-162		%REC	1	07/25/07 04:42 AM
MODIFIED 8015 GASOLINE (GRO)							
		M8015V					Analyst: DEW
Gasoline Range Organics	ND	0.0572	0.191		mg/Kg-dry	1	07/24/07 04:29 PM
Surr: Tetrachlorethene	111	0	70-134		%REC	1	07/24/07 04:29 PM
ANIONS BY IC METHOD - SOIL							
		SW9056					Analyst: JBC
Chloride	17400	517	517		mg/Kg-dry	100	07/25/07 01:26 PM
PERCENT MOISTURE							
		D2216					Analyst: TPO
Percent Moisture	4.66	0	0	N	WT%	1	07/27/07 08:30 AM

Qualifiers:	*	Value exceeds TCLP Maximum Concentration Level	B	Analyte detected in the associated Method Blank
	C	Sample Result or QC discussed in the Case Narrative	DF	Dilution Factor
	E	TPH pattern not Gas or Diesel Range Pattern	J	Analyte detected between MDL and RL
	MDL	Method Detection Limit	ND	Not Detected at the Method Detection Limit
	RL	Reporting Limit	S	Spike Recovery outside control limits
	N	Parameter not NELAC certified		

DHL Analytical

Date: 27-Jul-07

CLIENT: Larson & Associates
 Project: Targa Brine Pond #3
 Project No:
 Lab Order: 0707129

Client Sample ID: NE-Surf
 Lab ID: 0707129-29
 Collection Date: 07/18/07 03:18 PM
 Matrix: SOIL

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
TPH BY GC - SOIL DRO+ORO		M8015D					Analyst: DO
TPH-DRO C10-C28	ND	2.98	9.93		mg/Kg-dry	1	07/25/07 05:09 AM
TPH-ORO >C28-C35	ND	2.98	9.93		mg/Kg-dry	1	07/25/07 05:09 AM
Surr: o-Terphenyl	71.3	0	47-142		%REC	1	07/25/07 05:09 AM
Surr: Octacosane	61.0	0	25-162		%REC	1	07/25/07 05:09 AM
MODIFIED 8015 GASOLINE (GRO)		M8015V					Analyst: DEW
Gasoline Range Organics	ND	0.0599	0.200		mg/Kg-dry	1	07/24/07 07:51 PM
Surr: Tetrachlorethene	115	0	70-134		%REC	1	07/24/07 07:51 PM
ANIONS BY IC METHOD - SOIL		SW9056					Analyst: JBC
Chloride	30800	1060	1060		mg/Kg-dry	200	07/25/07 01:41 PM
PERCENT MOISTURE		D2216					Analyst: TPO
Percent Moisture	7.24	0	0	N	WT%	1	07/27/07 08:30 AM

Qualifiers:	*	Value exceeds TCLP Maximum Concentration Level	B	Analyte detected in the associated Method Blank
	C	Sample Result or QC discussed in the Case Narrative	DF	Dilution Factor
	E	TPH pattern not Gas or Diesel Range Pattern	J	Analyte detected between MDL and RL
	MDL	Method Detection Limit	ND	Not Detected at the Method Detection Limit
	RL	Reporting Limit	S	Spike Recovery outside control limits
	N	Parameter not NELAC certified		

DHL Analytical

Date: 27-Jul-07

CLIENT: Larson & Associates
Project: Targa Brine Pond #3
Project No:
Lab Order: 0707129

Client Sample ID: NE-5'
Lab ID: 0707129-30
Collection Date: 07/18/07 03:31 PM
Matrix: SOIL

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
TPH BY GC - SOIL DRO+ORO		M8015D		Analyst: DO			
TPH-DRO C10-C28	ND	3.21	10.7		mg/Kg-dry	1	07/25/07 05:35 AM
TPH-ORO >C28-C35	ND	3.21	10.7		mg/Kg-dry	1	07/25/07 05:35 AM
Surr: o-Terphenyl	65.3	0	47-142		%REC	1	07/25/07 05:35 AM
Surr: Octacosane	59.9	0	25-162		%REC	1	07/25/07 05:35 AM
MODIFIED 8015 GASOLINE (GRO)		M8015V		Analyst: DEW			
Gasoline Range Organics	ND	0.0646	0.215		mg/Kg-dry	1	07/24/07 08:18 PM
Surr: Tetrachlorethene	103	0	70-134		%REC	1	07/24/07 08:18 PM
ANIONS BY IC METHOD - SOIL		SW9056		Analyst: JBC			
Chloride	1760	105	105		mg/Kg-dry	20	07/25/07 01:55 PM
PERCENT MOISTURE		D2216		Analyst: TPO			
Percent Moisture	7.17	0	0	N	WT%	1	07/27/07 08:30 AM

Qualifiers:

- * Value exceeds TCLP Maximum Concentration Level
- C Sample Result or QC discussed in the Case Narrative
- E TPH pattern not Gas or Diesel Range Pattern
- MDL Method Detection Limit
- RL Reporting Limit
- N Parameter not NELAC certified

- B Analyte detected in the associated Method Blank
- DF Dilution Factor
- J Analyte detected between MDL and RL
- ND Not Detected at the Method Detection Limit
- S Spike Recovery outside control limits

DHL Analytical

Date: 27-Jul-07

CLIENT: Larson & Associates
Project: Targa Brine Pond #3
Project No:
Lab Order: 0707129

Client Sample ID: NE-10'
Lab ID: 0707129-31
Collection Date: 07/18/07 03:38 PM
Matrix: SOIL

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
TPH BY GC - SOIL DRO+ORO							
		M8015D					Analyst: DO
TPH-DRO C10-C28	ND	3.05	10.2		mg/Kg-dry	1	07/25/07 04:32 PM
TPH-ORO >C28-C35	ND	3.05	10.2		mg/Kg-dry	1	07/25/07 04:32 PM
Surr: o-Terphenyl	67.7	0	47-142		%REC	1	07/25/07 04:32 PM
Surr: Octacosane	85.3	0	25-162		%REC	1	07/25/07 04:32 PM
MODIFIED 8015 GASOLINE (GRO)							
		M8015V					Analyst: DEW
Gasoline Range Organics	ND	0.0642	0.214		mg/Kg-dry	1	07/24/07 08:44 PM
Surr: Tetrachlorethene	108	0	70-134		%REC	1	07/24/07 08:44 PM
ANIONS BY IC METHOD - SOIL							
		SW9056					Analyst: JBC
Chloride	2400	109	109		mg/Kg-dry	20	07/25/07 02:32 PM
PERCENT MOISTURE							
		D2216					Analyst: TPO
Percent Moisture	8.44	0	0	N	WT%	1	07/27/07 08:30 AM

Qualifiers:

- * Value exceeds TCLP Maximum Concentration Level
- C Sample Result or QC discussed in the Case Narrative
- E TPH pattern not Gas or Diesel Range Pattern
- MDL Method Detection Limit
- RL Reporting Limit
- N Parameter not NELAC certified

- B Analyte detected in the associated Method Blank
- DF Dilution Factor
- J Analyte detected between MDL and RL
- ND Not Detected at the Method Detection Limit
- S Spike Recovery outside control limits

DHL Analytical

Date: 27-Jul-07

CLIENT: Larson & Associates
 Project: Targa Brine Pond #3
 Project No:
 Lab Order: 0707129

Client Sample ID: NE-15'
 Lab ID: 0707129-32
 Collection Date: 07/18/07 03:43 PM
 Matrix: SOIL

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
TPH BY GC - SOIL DRO+ORO		M8015D					Analyst: DO
TPH-DRO C10-C28	ND	2.60	8.66		mg/Kg-dry	1	07/25/07 08:38 AM
TPH-ORO >C28-C35	ND	2.60	8.66		mg/Kg-dry	1	07/25/07 08:38 AM
Surr: o-Terphenyl	73.5	0	47-142		%REC	1	07/25/07 08:38 AM
Surr: Octacosane	84.6	0	25-162		%REC	1	07/25/07 08:38 AM
MODIFIED 8015 GASOLINE (GRO)		M8015V					Analyst: DEW
Gasoline Range Organics	ND	0.0620	0.207		mg/Kg-dry	1	07/24/07 09:10 PM
Surr: Tetrachlorethene	103	0	70-134		%REC	1	07/24/07 09:10 PM
ANIONS BY IC METHOD - SOIL		SW9056					Analyst: JBC
Chloride	600	25.8	25.8		mg/Kg-dry	5	07/25/07 02:47 PM
PERCENT MOISTURE		D2216					Analyst: TPO
Percent Moisture	3.27	0	0	N	WT%	1	07/27/07 08:30 AM

Qualifiers:	* Value exceeds TCLP Maximum Concentration Level	B Analyte detected in the associated Method Blank
	C Sample Result or QC discussed in the Case Narrative	DF Dilution Factor
	E TPH pattern not Gas or Diesel Range Pattern	J Analyte detected between MDL and RL
MDL	Method Detection Limit	ND Not Detected at the Method Detection Limit
RL	Reporting Limit	S Spike Recovery outside control limits
N	Parameter not NELAC certified	

DHL Analytical

Date: 27-Jul-07

CLIENT: Larson & Associates
 Project: Targa Brine Pond #3
 Project No:
 Lab Order: 0707129

Client Sample ID: NE-20'
 Lab ID: 0707129-33
 Collection Date: 07/18/07 03:49 PM
 Matrix: SOIL

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
TPH BY GC - SOIL DRO+ORO							
		M8015D					Analyst: DO
TPH-DRO C10-C28	ND	2.70	8.99		mg/Kg-dry	1	07/25/07 04:59 PM
TPH-ORO >C28-C35	ND	2.70	8.99		mg/Kg-dry	1	07/25/07 04:59 PM
Surr: o-Terphenyl	67.3	0	47-142		%REC	1	07/25/07 04:59 PM
Surr: Octacosane	70.8	0	25-162		%REC	1	07/25/07 04:59 PM
MODIFIED 8015 GASOLINE (GRO)							
		M8015V					Analyst: DEW
Gasoline Range Organics	ND	0.0571	0.190		mg/Kg-dry	1	07/24/07 09:36 PM
Surr: Tetrachlorethene	104	0	70-134		%REC	1	07/24/07 09:36 PM
ANIONS BY IC METHOD - SOIL							
		SW9056					Analyst: JBC
Chloride	741	25.4	25.4		mg/Kg-dry	5	07/25/07 03:02 PM
PERCENT MOISTURE							
		D2216					Analyst: TPO
Percent Moisture	2.72	0	0	N	WT%	1	07/27/07 08:30 AM

Qualifiers:	* Value exceeds TCLP Maximum Concentration Level	B Analyte detected in the associated Method Blank
	C Sample Result or QC discussed in the Case Narrative	DF Dilution Factor
	E TPH pattern not Gas or Diesel Range Pattern	J Analyte detected between MDL and RL
	MDL Method Detection Limit	ND Not Detected at the Method Detection Limit
	RL Reporting Limit	S Spike Recovery outside control limits
	N Parameter not NELAC certified	

DHL Analytical

Date: 27-Jul-07

CLIENT: Larson & Associates

Client Sample ID: NE-30'

Project: Targa Brine Pond #3

Lab ID: 0707129-34

Project No:

Collection Date: 07/18/07 03:57 PM

Lab Order: 0707129

Matrix: SOIL

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
TPH BY GC - SOIL DRO+ORO		M8015D					Analyst: DO
TPH-DRO C10-C28	ND	2.88	9.60		mg/Kg-dry	1	07/25/07 05:25 PM
TPH-ORO >C28-C35	ND	2.88	9.60		mg/Kg-dry	1	07/25/07 05:25 PM
Surr: o-Terphenyl	69.1	0	47-142		%REC	1	07/25/07 05:25 PM
Surr: Octacosane	75.2	0	25-162		%REC	1	07/25/07 05:25 PM
MODIFIED 8015 GASOLINE (GRO)		M8015V					Analyst: DEW
Gasoline Range Organics	ND	0.0570	0.190		mg/Kg-dry	1	07/24/07 10:01 PM
Surr: Tetrachlorethene	102	0	70-134		%REC	1	07/24/07 10:01 PM
ANIONS BY IC METHOD - SOIL		SW9056					Analyst: JBC
Chloride	563	25.3	25.3		mg/Kg-dry	5	07/25/07 03:16 PM
PERCENT MOISTURE		D2216					Analyst: TPO
Percent Moisture	2.48	0	0	N	WT%	1	07/27/07 08:30 AM

Qualifiers:

- * Value exceeds TCLP Maximum Concentration Level
- C Sample Result or QC discussed in the Case Narrative
- E TPH pattern not Gas or Diesel Range Pattern
- MDL Method Detection Limit
- RL Reporting Limit
- N Parameter not NELAC certified

- B Analyte detected in the associated Method Blank
- DF Dilution Factor
- J Analyte detected between MDL and RL
- ND Not Detected at the Method Detection Limit
- S Spike Recovery outside control limits

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DHL Analytical

Date: 27-Jul-07

CLIENT: Larson & Associates
Project: Targa Brine Pond #3
Project No:
Lab Order: 0707129

Client Sample ID: NE-40'
Lab ID: 0707129-35
Collection Date: 07/18/07 04:02 PM
Matrix: SOIL

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
TPH BY GC - SOIL DRO+ORO							
		M8015D					Analyst: DO
TPH-DRO C10-C28	ND	2.65	8.82		mg/Kg-dry	1	07/25/07 05:51 PM
TPH-ORO >C28-C35	ND	2.65	8.82		mg/Kg-dry	1	07/25/07 05:51 PM
Surr: o-Terphenyl	65.4	0	47-142		%REC	1	07/25/07 05:51 PM
Surr: Octacosane	69.2	0	25-162		%REC	1	07/25/07 05:51 PM
MODIFIED 8015 GASOLINE (GRO)							
		M8015V					Analyst: DEW
Gasoline Range Organics	ND	0.0566	0.189		mg/Kg-dry	1	07/25/07 12:08 AM
Surr: Tetrachlorethene	102	0	70-134		%REC	1	07/25/07 12:08 AM
ANIONS BY IC METHOD - SOIL							
		SW9056					Analyst: JBC
Chloride	820	25.5	25.5		mg/Kg-dry	5	07/25/07 03:31 PM
PERCENT MOISTURE							
		D2216					Analyst: TPO
Percent Moisture	3.70	0	0	N	WT%	1	07/27/07 08:30 AM

Qualifiers: * Value exceeds TCLP Maximum Concentration Level
C Sample Result or QC discussed in the Case Narrative
E TPH pattern not Gas or Diesel Range Pattern
MDL Method Detection Limit
RL Reporting Limit
N Parameter not NELAC certified

B Analyte detected in the associated Method Blank
DF Dilution Factor
J Analyte detected between MDL and RL
ND Not Detected at the Method Detection Limit
S Spike Recovery outside control limits

CLIENT: Larson & Associates

Work Order: 0707129

Project: Targa Brine Pond #3

ANALYTICAL QC SUMMARY REPORT

RunID: GC15_070723A

Sample ID: LCS-26614	Batch ID: 26614	TestNo: M8015D	Units: mg/Kg							
SampType: LCS	Run ID: GC15_070723A	Analysis Date: 7/23/2007 12:59:35 PM	Prep Date: 7/20/2007							
Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
TPH-DRO C10-C28	169	10.0	250.0	0	67.7	50	114			
Surr: o-Terphenyl	13.2		15.00		87.8	47	142			
Surr: Octacosane	11.1		15.00		74.2	25	162			

Sample ID: MB-26614	Batch ID: 26614	TestNo: M8015D	Units: mg/Kg							
SampType: MBLK	Run ID: GC15_070723A	Analysis Date: 7/23/2007 2:45:41 PM	Prep Date: 7/20/2007							
Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
TPH-DRO C10-C28	ND	10.0								
TPH-ORO >C28-C35	ND	10.0								
Surr: o-Terphenyl	11.4		15.00		76.1	47	142			
Surr: Octacosane	12.1		15.00		80.7	25	162			

Sample ID: 0707129-12A-MS	Batch ID: 26614	TestNo: M8015D	Units: mg/Kg-dry							
SampType: MS	Run ID: GC15_070723A	Analysis Date: 7/23/2007 10:44:50 PM	Prep Date: 7/20/2007							
Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
TPH-DRO C10-C28	192	10.5	261.6	0	73.2	50	114			
Surr: o-Terphenyl	13.5		15.70		86.3	47	142			
Surr: Octacosane	11.5		15.70		73.4	25	162			

Sample ID: 0707129-12A-MSD	Batch ID: 26614	TestNo: M8015D	Units: mg/Kg-dry							
SampType: MSD	Run ID: GC15_070723A	Analysis Date: 7/23/2007 11:11:22 PM	Prep Date: 7/20/2007							
Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
TPH-DRO C10-C28	198	10.5	263.6	0	75.1	50	114	3.27	30	
Surr: o-Terphenyl	14.0		15.82		88.3	47	142	0	0	
Surr: Octacosane	12.0		15.82		75.9	25	162	0	0	

Qualifiers: B Analyte detected in the associated Method Blank
 J Analyte detected between MDL and RL
 ND Not Detected at the Method Detection Limit
 RL Reporting Limit
 N Parameter not NELAC certified

DF Dilution Factor
 MDL Method Detection Limit
 R RPD outside accepted control limits
 S Spike Recovery outside control limits

CLIENT: Larson & Associates
 Work Order: 0707129
 Project: Targa Brine Pond #3

ANALYTICAL QC SUMMARY REPORT

RunID: GC15_070723A

Sample ID: ICV-070723	Batch ID: R32722	TestNo: M8015D	Units: mg/Kg
SampType: ICV	Run ID: GC15_070723A	Analysis Date: 7/23/2007 12:02:37 PM	Prep Date:

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
TPH-DRO C10-C28	902	10.0	1000	0	90.2	85	115			
TPH-ORO >C28-C35	0.279	10.0	0							
Surr: o-Terphenyl	58.8		60.00		97.9	47	142			
Surr: Octacosane	47.6		60.00		79.4	25	162			

Sample ID: CCV1-070723	Batch ID: R32722	TestNo: M8015D	Units: mg/Kg
SampType: CCV	Run ID: GC15_070723A	Analysis Date: 7/23/2007 6:44:44 PM	Prep Date:

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
TPH-DRO C10-C28	503	10.0	500.0	0	101	85	115			
TPH-ORO >C28-C35	1.25	10.0	0							
Surr: o-Terphenyl	36.1		30.00		120	47	142			
Surr: Octacosane	31.6		30.00		105	25	162			

Sample ID: CCV2-070723	Batch ID: R32722	TestNo: M8015D	Units: mg/Kg
SampType: CCV	Run ID: GC15_070723A	Analysis Date: 7/23/2007 11:37:58 PM	Prep Date:

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
TPH-DRO C10-C28	462	10.0	500.0	0	92.5	85	115			
TPH-ORO >C28-C35	3.04	10.0	0							
Surr: o-Terphenyl	35.8		30.00		119	47	142			
Surr: Octacosane	34.6		30.00		115	25	162			

Qualifiers: B Analyte detected in the associated Method Blank
 J Analyte detected between MDL and RL
 ND Not Detected at the Method Detection Limit
 RL Reporting Limit
 N Parameter not NELAC certified

DF Dilution Factor
 MDL Method Detection Limit
 R RPD outside accepted control limits
 S Spike Recovery outside control limits

CLIENT: Larson & Associates
 Work Order: 0707129
 Project: Targa Brine Pond #3

ANALYTICAL QC SUMMARY REPORT

RunID: GC15_070724A

Sample ID: MB-26629	Batch ID: 26629	TestNo: M8015D	Units: mg/Kg
SampType: MBLK	Run ID: GC15_070724A	Analysis Date: 7/24/2007 7:35:11 PM	Prep Date: 7/24/2007

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
TPH-DRO C10-C28	ND	10.0								
TPH-ORO >C28-C35	ND	10.0								
Surr: o-Terphenyl	8.72		15.00		58.1	47	142			
Surr: Octacosane	9.95		15.00		66.4	25	162			

Sample ID: 0707129-19A MS	Batch ID: 26629	TestNo: M8015D	Units: mg/Kg-dry
SampType: MS	Run ID: GC15_070724A	Analysis Date: 7/25/2007 9:04:21 AM	Prep Date: 7/24/2007

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
TPH-DRO C10-C28	169	9.72	242.9	0	69.5	50	114			
Surr: o-Terphenyl	11.7		14.58		80.1	47	142			
Surr: Octacosane	11.3		14.58		77.2	25	162			

Sample ID: 0707129-19A MSD	Batch ID: 26629	TestNo: M8015D	Units: mg/Kg-dry
SampType: MSD	Run ID: GC15_070724A	Analysis Date: 7/25/2007 9:31:02 AM	Prep Date: 7/24/2007

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
TPH-DRO C10-C28	179	10.3	256.7	0	69.7	50	114	5.69	30	
Surr: o-Terphenyl	12.3		15.40		79.7	47	142	0	0	
Surr: Octacosane	12.7		15.40		82.6	25	162	0	0	

Sample ID: LCS-26629	Batch ID: 26629	TestNo: M8015D	Units: mg/Kg
SampType: LCS	Run ID: GC15_070724A	Analysis Date: 7/25/2007 9:56:52 AM	Prep Date: 7/24/2007

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
TPH-DRO C10-C28	200	10.0	250.0	0	80.1	50	114			
Surr: o-Terphenyl	13.4		15.00		89.6	47	142			
Surr: Octacosane	11.2		15.00		74.8	25	162			

Qualifiers: B Analyte detected in the associated Method Blank
 J Analyte detected between MDL and RL
 ND Not Detected at the Method Detection Limit
 RL Reporting Limit
 N Parameter not NELAC certified

DF Dilution Factor
 MDL Method Detection Limit
 R RPD outside accepted control limits
 S Spike Recovery outside control limits

CLIENT: Larson & Associates
 Work Order: 0707129
 Project: Targa Brine Pond #3

ANALYTICAL QC SUMMARY REPORT

RunID: GC15_070724A

Sample ID: ICV-070724	Batch ID: R32739	TestNo: M8015D	Units: mg/Kg
SampType: ICV	Run ID: GC15_070724A	Analysis Date: 7/24/2007 5:23:03 PM	Prep Date:

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
TPH-DRO C10-C28	954	10.0	1000	0	95.4	85	115			
TPH-ORO >C28-C35	1.02	10.0	0							
Surr: o-Terphenyl	60.7		60.00		101	47	142			
Surr: Octacosane	49.6		60.00		82.6	25	162			

Sample ID: CCV1-070724	Batch ID: R32739	TestNo: M8015D	Units: mg/Kg
SampType: CCV	Run ID: GC15_070724A	Analysis Date: 7/24/2007 11:55:31 PM	Prep Date:

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
TPH-DRO C10-C28	500	10.0	500.0	0	100	85	115			
TPH-ORO >C28-C35	3.26	10.0	0							
Surr: o-Terphenyl	36.2		30.00		121	47	142			
Surr: Octacosane	34.0		30.00		113	25	162			

Sample ID: CCV2-070724	Batch ID: R32739	TestNo: M8015D	Units: mg/Kg
SampType: CCV	Run ID: GC15_070724A	Analysis Date: 7/25/2007 6:27:32 AM	Prep Date:

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
TPH-DRO C10-C28	487	10.0	500.0	0	97.5	85	115			
TPH-ORO >C28-C35	0.713	10.0	0							
Surr: o-Terphenyl	31.9		30.00		106	47	142			
Surr: Octacosane	30.8		30.00		103	25	162			

Sample ID: CCV3-070724	Batch ID: R32739	TestNo: M8015D	Units: mg/Kg
SampType: CCV	Run ID: GC15_070724A	Analysis Date: 7/25/2007 10:23:16 AM	Prep Date:

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
TPH-DRO C10-C28	475	10.0	500.0	0	95.1	85	115			
TPH-ORO >C28-C35	3.83	10.0	0							
Surr: o-Terphenyl	33.1		30.00		110	47	142			
Surr: Octacosane	28.6		30.00		95.3	25	162			

Qualifiers: B Analyte detected in the associated Method Blank
 J Analyte detected between MDL and RL
 ND Not Detected at the Method Detection Limit
 RL Reporting Limit
 N Parameter not NELAC certified

DF Dilution Factor
 MDL Method Detection Limit
 R RPD outside accepted control limits
 S Spike Recovery outside control limits

CLIENT: Larson & Associates
 Work Order: 0707129
 Project: Targa Brine Pond #3

ANALYTICAL QC SUMMARY REPORT

RunID: GC15_070725A

Sample ID: LCS-26639	Batch ID: 26639	TestNo: M8015D	Units: mg/Kg
SampType: LCS	Run ID: GC15_070725A	Analysis Date: 7/25/2007 1:29:56 PM	Prep Date: 7/25/2007

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
TPH-DRO C10-C28	209	10.0	250.0	0	83.4	50	114			
Surr: o-Terphenyl	13.4		15.00		89.1	47	142			
Surr: Octacosane	8.60		15.00		57.3	25	162			

Sample ID: MB-26639	Batch ID: 26639	TestNo: M8015D	Units: mg/Kg
SampType: MBLK	Run ID: GC15_070725A	Analysis Date: 7/25/2007 4:06:48 PM	Prep Date: 7/25/2007

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
TPH-DRO C10-C28	ND	10.0								
TPH-ORO >C28-C35	ND	10.0								
Surr: o-Terphenyl	10.9		15.00		72.9	47	142			
Surr: Octacosane	12.2		15.00		81.4	25	162			

Sample ID: 0707129-35A-MS	Batch ID: 26639	TestNo: M8015D	Units: mg/Kg-dry
SampType: MS	Run ID: GC15_070725A	Analysis Date: 7/25/2007 11:05:43 PM	Prep Date: 7/25/2007

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
TPH-DRO C10-C28	151	8.82	220.6	0	68.3	50	114			
Surr: o-Terphenyl	10.8		13.23		81.5	47	142			
Surr: Octacosane	10.2		13.23		77.2	25	162			

Sample ID: 0707129-35A-MSD	Batch ID: 26639	TestNo: M8015D	Units: mg/Kg-dry
SampType: MSD	Run ID: GC15_070725A	Analysis Date: 7/25/2007 11:32:15 PM	Prep Date: 7/25/2007

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
TPH-DRO C10-C28	145	8.95	223.8	0	64.9	50	114	3.66	30	
Surr: o-Terphenyl	11.1		13.43		82.4	47	142	0	0	
Surr: Octacosane	11.6		13.43		86.5	25	162	0	0	

Qualifiers: B Analyte detected in the associated Method Blank
 J Analyte detected between MDL and RL
 ND Not Detected at the Method Detection Limit
 RL Reporting Limit
 N Parameter not NELAC certified

DF Dilution Factor
 MDL Method Detection Limit
 R RPD outside accepted control limits
 S Spike Recovery outside control limits

CLIENT: Larson & Associates
 Work Order: 0707129
 Project: Targa Brine Pond #3

ANALYTICAL QC SUMMARY REPORT

RunID: GC15_070725A

Sample ID: ICV-070725	Batch ID: R32769	TestNo: M8015D	Units: mg/Kg
SampType: ICV	Run ID: GC15_070725A	Analysis Date: 7/25/2007 1:03:21 PM	Prep Date:

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
TPH-DRO C10-C28	972	10.0	1000	0	97.2	85	115			
TPH-ORO >C28-C35	1.90	10.0	0							
Surr: o-Terphenyl	62.1		60.00		103	47	142			
Surr: Octacosane	46.2		60.00		76.9	25	162			

Sample ID: CCV1-070725	Batch ID: R32769	TestNo: M8015D	Units: mg/Kg
SampType: CCV	Run ID: GC15_070725A	Analysis Date: 7/25/2007 6:43:26 PM	Prep Date:

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
TPH-DRO C10-C28	476	10.0	500.0	0	95.2	85	115			
TPH-ORO >C28-C35	4.43	10.0	0							
Surr: o-Terphenyl	33.6		30.00		112	47	142			
Surr: Octacosane	28.9		30.00		96.3	25	162			

Sample ID: CCV2-070725	Batch ID: R32769	TestNo: M8015D	Units: mg/Kg
SampType: CCV	Run ID: GC15_070725A	Analysis Date: 7/25/2007 11:57:58 PM	Prep Date:

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
TPH-DRO C10-C28	476	10.0	500.0	0	95.2	85	115			
TPH-ORO >C28-C35	8.20	10.0	0							
Surr: o-Terphenyl	32.3		30.00		108	47	142			
Surr: Octacosane	32.6		30.00		109	25	162			

Qualifiers: B Analyte detected in the associated Method Blank
 J Analyte detected between MDL and RL
 ND Not Detected at the Method Detection Limit
 RL Reporting Limit
 N Parameter not NELAC certified

DF Dilution Factor
 MDL Method Detection Limit
 R RPD outside accepted control limits
 S Spike Recovery outside control limits

CLIENT: Larson & Associates
 Work Order: 0707129
 Project: Targa Brine Pond #3

ANALYTICAL QC SUMMARY REPORT

RunID: GC4_070720A

Sample ID: LCS-26611	Batch ID: 26611	TestNo: M8015V	Units: mg/Kg
SampType: LCS	Run ID: GC4_070720A	Analysis Date: 7/20/2007 6:26:13 PM	Prep Date: 7/20/2007

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics	5.27	0.200	5.000	0	105	68	126			
Surr: Tetrachlorethene	0.411		0.4000		103	70	134			

Sample ID: MB-26611	Batch ID: 26611	TestNo: M8015V	Units: mg/Kg
SampType: MBLK	Run ID: GC4_070720A	Analysis Date: 7/20/2007 7:43:39 PM	Prep Date: 7/20/2007

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics	ND	0.200								
Surr: Tetrachlorethene	0.462		0.4000		115	70	134			

Sample ID: 0707129-01B MS	Batch ID: 26611	TestNo: M8015V	Units: mg/Kg-dry
SampType: MS	Run ID: GC4_070720A	Analysis Date: 7/20/2007 10:36:55 PM	Prep Date: 7/20/2007

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics	3.18	0.226	5.655	0.1170	54.2	68	126			S
Surr: Tetrachlorethene	0.505		0.4524		112	70	134			

Sample ID: 0707129-01B MSD	Batch ID: 26611	TestNo: M8015V	Units: mg/Kg-dry
SampType: MSD	Run ID: GC4_070720A	Analysis Date: 7/20/2007 11:01:36 PM	Prep Date: 7/20/2007

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics	3.48	0.231	5.766	0.1170	58.3	68	126	8.84	30	S
Surr: Tetrachlorethene	0.427		0.4613		92.5	70	134	0	0	

Qualifiers: B Analyte detected in the associated Method Blank
 J Analyte detected between MDL and RL
 ND Not Detected at the Method Detection Limit
 RL Reporting Limit
 N Parameter not NELAC certified

DF Dilution Factor
 MDL Method Detection Limit
 R RPD outside accepted control limits
 S Spike Recovery outside control limits

CLIENT: Larson & Associates
 Work Order: 0707129
 Project: Targa Brine Pond #3

ANALYTICAL QC SUMMARY REPORT

RunID: GC4_070720A

Sample ID: ICV-070720	Batch ID: R32746	TestNo: M8015V	Units: mg/Kg
SampType: ICV	Run ID: GC4_070720A	Analysis Date: 7/20/2007 6:02:43 PM	Prep Date:

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics	9.92	0.200	10.00	0	99.2	85	115			
Surr: Tetrachlorethene	0.392		0.4000		97.9	74	138			

Sample ID: CCV1-070720	Batch ID: R32746	TestNo: M8015V	Units: mg/Kg
SampType: CCV	Run ID: GC4_070720A	Analysis Date: 7/20/2007 11:26:26 PM	Prep Date:

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics	5.79	0.200	5.000	0	116	85	115			S
Surr: Tetrachlorethene	0.473		0.4000		118	74	138			

Sample ID: CCV2-070720	Batch ID: R32746	TestNo: M8015V	Units: mg/Kg
SampType: CCV	Run ID: GC4_070720A	Analysis Date: 7/21/2007 4:48:35 AM	Prep Date:

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics	5.42	0.200	5.000	0	108	85	115			
Surr: Tetrachlorethene	0.395		0.4000		98.7	74	138			

Sample ID: CCV3-070720	Batch ID: R32746	TestNo: M8015V	Units: mg/Kg
SampType: CCV	Run ID: GC4_070720A	Analysis Date: 7/21/2007 8:07:15 AM	Prep Date:

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics	5.41	0.200	5.000	0	108	85	115			
Surr: Tetrachlorethene	0.439		0.4000		110	74	138			

Qualifiers: B Analyte detected in the associated Method Blank
 J Analyte detected between MDL and RL
 ND Not Detected at the Method Detection Limit
 RL Reporting Limit
 N Parameter not NELAC certified

DF Dilution Factor
 MDL Method Detection Limit
 R RPD outside accepted control limits
 S Spike Recovery outside control limits

CLIENT: Larson & Associates
 Work Order: 0707129
 Project: Targa Brine Pond #3

ANALYTICAL QC SUMMARY REPORT

RunID: GC4_070724A

Sample ID: LCS-26619 Batch ID: 26619 TestNo: M8015V Units: mg/Kg
 SampType: LCS Run ID: GC4_070724A Analysis Date: 7/24/2007 11:28:34 AM Prep Date: 7/24/2007

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics	4.36	0.200	5.000	0	87.1	68	126			
Surr: Tetrachlorethene	0.333		0.4000		83.2	70	134			

Sample ID: MB-26619 Batch ID: 26619 TestNo: M8015V Units: mg/Kg
 SampType: MBLK Run ID: GC4_070724A Analysis Date: 7/24/2007 1:05:26 PM Prep Date: 7/24/2007

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics	ND	0.200								
Surr: Tetrachlorethene	0.390		0.4000		97.6	70	134			

Sample ID: 0707129-25B MS Batch ID: 26619 TestNo: M8015V Units: mg/Kg-dry
 SampType: MS Run ID: GC4_070724A Analysis Date: 7/24/2007 5:22:32 PM Prep Date: 7/24/2007

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics	3.54	0.212	5.302	0	66.7	68	126			S
Surr: Tetrachlorethene	0.444		0.4242		105	70	134			

Sample ID: 0707129-25B MSD Batch ID: 26619 TestNo: M8015V Units: mg/Kg-dry
 SampType: MSD Run ID: GC4_070724A Analysis Date: 7/24/2007 5:49:45 PM Prep Date: 7/24/2007

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics	2.04	0.212	5.302	0	38.5	68	126	53.7	30	SR
Surr: Tetrachlorethene	0.484		0.4242		114	70	134	0	0	

Qualifiers: B Analyte detected in the associated Method Blank
 J Analyte detected between MDL and RL
 ND Not Detected at the Method Detection Limit
 RL Reporting Limit
 N Parameter not NELAC certified

DF Dilution Factor
 MDL Method Detection Limit
 R RPD outside accepted control limits
 S Spike Recovery outside control limits

CLIENT: Larson & Associates
Work Order: 0707129
Project: Targa Brine Pond #3

ANALYTICAL QC SUMMARY REPORT

RunID: GC4_070724A

Sample ID: ICV-070724	Batch ID: R32749	TestNo: M8015V	Units: mg/Kg							
SampType: ICV	Run ID: GC4_070724A	Analysis Date: 7/24/2007 11:06:34 AM	Prep Date:							
Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics	9.17	0.200	10.00	0	91.7	85	115			
Surr: Tetrachlorethene	0.368		0.4000		91.9	74	138			

Sample ID: CCV1-070724	Batch ID: R32749	TestNo: M8015V	Units: mg/Kg							
SampType: CCV	Run ID: GC4_070724A	Analysis Date: 7/24/2007 4:56:53 PM	Prep Date:							
Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics	4.28	0.200	5.000	0	85.6	85	115			
Surr: Tetrachlorethene	0.345		0.4000		86.2	74	138			

Sample ID: CCV2-070724	Batch ID: R32749	TestNo: M8015V	Units: mg/Kg							
SampType: CCV	Run ID: GC4_070724A	Analysis Date: 7/24/2007 10:26:48 PM	Prep Date:							
Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics	4.83	0.200	5.000	0	96.5	85	115			
Surr: Tetrachlorethene	0.377		0.4000		94.4	74	138			

Sample ID: CCV3-070724	Batch ID: R32749	TestNo: M8015V	Units: mg/Kg							
SampType: CCV	Run ID: GC4_070724A	Analysis Date: 7/25/2007 1:54:25 AM	Prep Date:							
Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics	4.77	0.200	5.000	0	95.5	85	115			
Surr: Tetrachlorethene	0.368		0.4000		91.9	74	138			

Qualifiers: B Analyte detected in the associated Method Blank
J Analyte detected between MDL and RL
ND Not Detected at the Method Detection Limit
RL Reporting Limit
N Parameter not NELAC certified

DF Dilution Factor
MDL Method Detection Limit
R RPD outside accepted control limits
S Spike Recovery outside control limits

CLIENT: Larson & Associates
 Work Order: 0707129
 Project: Targa Brine Pond #3

ANALYTICAL QC SUMMARY REPORT

RunID: GC4_070725A

Sample ID: LCS-26637	Batch ID: 26637	TestNo: SW8021B	Units: mg/Kg							
SampType: LCS	Run ID: GC4_070725A	Analysis Date: 7/25/2007 9:46:36 AM	Prep Date: 7/25/2007							
Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.0897	0.00500	0.1000	0	89.7	65	113			
Toluene	0.0915	0.0150	0.1000	0	91.5	73	115			
Ethylbenzene	0.0937	0.0150	0.1000	0	93.7	74	118			
Xylenes, Total	0.292	0.0150	0.3000	0	97.2	73	119			
Surr: Tetrachloroethene	0.170		0.2000		84.9	79	135			

Sample ID: MB-26637	Batch ID: 26637	TestNo: SW8021B	Units: mg/Kg							
SampType: MBLK	Run ID: GC4_070725A	Analysis Date: 7/25/2007 10:12:43 AM	Prep Date: 7/25/2007							
Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.00500								
Toluene	ND	0.0150								
Ethylbenzene	ND	0.0150								
Xylenes, Total	ND	0.0150								
Surr: Tetrachloroethene	0.177		0.2000		88.4	79	135			

Sample ID: 0707139-03A MS	Batch ID: 26637	TestNo: SW8021B	Units: mg/Kg							
SampType: MS	Run ID: GC4_070725A	Analysis Date: 7/25/2007 3:34:56 PM	Prep Date: 7/25/2007							
Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.0824	0.00500	0.1000	0	82.4	65	113			
Toluene	0.0789	0.0150	0.1000	0	78.9	73	115			
Ethylbenzene	0.0822	0.0150	0.1000	0	82.2	74	118			
Xylenes, Total	0.256	0.0150	0.3000	0	85.2	73	119			
Surr: Tetrachloroethene	0.173		0.2000		86.5	79	135			

Sample ID: 0707139-03A MSD	Batch ID: 26637	TestNo: SW8021B	Units: mg/Kg							
SampType: MSD	Run ID: GC4_070725A	Analysis Date: 7/25/2007 4:19:28 PM	Prep Date: 7/25/2007							
Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.0739	0.00490	0.09804	0	75.3	65	113	11.0	30	S
Toluene	0.0693	0.0147	0.09804	0	70.7	73	115	12.9	30	
Ethylbenzene	0.0764	0.0147	0.09804	0	77.9	74	118	7.35	30	
Xylenes, Total	0.245	0.0147	0.2941	0	83.2	73	119	4.34	30	
Surr: Tetrachloroethene	0.185		0.1961		94.4	79	135	0	0	

Qualifiers: B Analyte detected in the associated Method Blank
 J Analyte detected between MDL and RL
 ND Not Detected at the Method Detection Limit
 RL Reporting Limit
 N Parameter not NELAC certified

DF Dilution Factor
 MDL Method Detection Limit
 R RPD outside accepted control limits
 S Spike Recovery outside control limits

CLIENT: Larson & Associates
 Work Order: 0707129
 Project: Targa Brine Pond #3

ANALYTICAL QC SUMMARY REPORT

RunID: GC4_070725A

Sample ID: ICV-070725	Batch ID: R32762	TestNo: SW8021B	Units: mg/Kg							
SampType: ICV	Run ID: GC4_070725A	Analysis Date: 7/25/2007 9:19:45 AM	Prep Date:							
Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual

Benzene	0.174	0.00500	0.2000	0	87.1	85	115			
Toluene	0.176	0.0150	0.2000	0	87.9	85	115			
Ethylbenzene	0.177	0.0150	0.2000	0	88.4	85	115			
Xylenes, Total	0.545	0.0150	0.6000	0	90.8	85	115			
Surr: Tetrachloroethene	0.179		0.2000		89.3	79	135			

Sample ID: CCV1-070725	Batch ID: R32762	TestNo: SW8021B	Units: mg/Kg							
SampType: CCV	Run ID: GC4_070725A	Analysis Date: 7/25/2007 2:12:57 PM	Prep Date:							
Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual

Benzene	0.102	0.00500	0.1000	0	102	85	115			
Toluene	0.102	0.0150	0.1000	0	102	85	115			
Ethylbenzene	0.105	0.0150	0.1000	0	105	85	115			
Xylenes, Total	0.324	0.0150	0.3000	0	108	85	115			
Surr: Tetrachloroethene	0.184		0.2000		92.2	79	135			

Sample ID: CCV2-070725	Batch ID: R32762	TestNo: SW8021B	Units: mg/Kg							
SampType: CCV	Run ID: GC4_070725A	Analysis Date: 7/25/2007 4:45:52 PM	Prep Date:							
Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual

Benzene	0.102	0.00500	0.1000	0	102	85	115			
Toluene	0.105	0.0150	0.1000	0	105	85	115			
Ethylbenzene	0.107	0.0150	0.1000	0	107	85	115			
Xylenes, Total	0.331	0.0150	0.3000	0	110	85	115			
Surr: Tetrachloroethene	0.182		0.2000		90.8	79	135			

Qualifiers: B Analyte detected in the associated Method Blank
 J Analyte detected between MDL and RL
 ND Not Detected at the Method Detection Limit
 RL Reporting Limit
 N Parameter not NELAC certified

DF Dilution Factor
 MDL Method Detection Limit
 R RPD outside accepted control limits
 S Spike Recovery outside control limits

CLIENT: Larson & Associates
 Work Order: 0707129
 Project: Targa Brine Pond #3

ANALYTICAL QC SUMMARY REPORT

RunID: IC2_070724A

Sample ID: MB-26620	Batch ID: 26620	TestNo: SW9056	Units: mg/Kg
SampType: MBLK	Run ID: IC2_070724A	Analysis Date: 7/24/2007 10:03:48 AM	Prep Date: 7/23/2007

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	5.00								

Sample ID: LCS-26620	Batch ID: 26620	TestNo: SW9056	Units: mg/Kg
SampType: LCS	Run ID: IC2_070724A	Analysis Date: 7/24/2007 10:18:28 AM	Prep Date: 7/23/2007

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	50.2	5.00	50.00	0	100	80	120			

Sample ID: LCSD-26620	Batch ID: 26620	TestNo: SW9056	Units: mg/Kg
SampType: LCSD	Run ID: IC2_070724A	Analysis Date: 7/24/2007 10:33:09 AM	Prep Date: 7/23/2007

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	50.3	5.00	50.00	0	101	80	120	0.0736	20	

Sample ID: 0707129-04A MS	Batch ID: 26620	TestNo: SW9056	Units: mg/Kg-dry
SampType: MS	Run ID: IC2_070724A	Analysis Date: 7/24/2007 12:28:00 PM	Prep Date: 7/23/2007

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	191	5.36	53.61	138.7	97.4	80	120			

Sample ID: 0707129-04A MSD	Batch ID: 26620	TestNo: SW9056	Units: mg/Kg-dry
SampType: MSD	Run ID: IC2_070724A	Analysis Date: 7/24/2007 12:42:41 PM	Prep Date: 7/23/2007

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	190	5.36	53.61	138.7	95.2	80	120	0.604	20	

Sample ID: 0707129-20A DUP	Batch ID: 26620	TestNo: SW9056	Units: mg/Kg-dry
SampType: DUP	Run ID: IC2_070724A	Analysis Date: 7/24/2007 6:57:25 PM	Prep Date: 7/23/2007

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	512	25.5	0	503.4				1.71	25	

Sample ID: 0707129-20A MS	Batch ID: 26620	TestNo: SW9056	Units: mg/Kg-dry
SampType: MS	Run ID: IC2_070724A	Analysis Date: 7/24/2007 7:26:46 PM	Prep Date: 7/23/2007

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	538	25.7	256.8	302.1	91.8	80	120			

Qualifiers: B Analyte detected in the associated Method Blank
 J Analyte detected between MDL and RL
 ND Not Detected at the Method Detection Limit
 RL Reporting Limit
 N Parameter not NELAC certified

DF Dilution Factor
 MDL Method Detection Limit
 R RPD outside accepted control limits
 S Spike Recovery outside control limits

CLIENT: Larson & Associates
Work Order: 0707129
Project: Targa Brine Pond #3

ANALYTICAL QC SUMMARY REPORT

RunID: IC2_070724A

Sample ID: 0707129-20A MSD	Batch ID: 26620	TestNo: SW9056	Units: mg/Kg-dry
SampType: MSD	Run ID: IC2_070724A	Analysis Date: 7/24/2007 7:41:27 PM	Prep Date: 7/23/2007

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	535	25.7	256.8	302.1	90.8	80	120	0.487	20	

Qualifiers: B Analyte detected in the associated Method Blank
J Analyte detected between MDL and RL
ND Not Detected at the Method Detection Limit
RL Reporting Limit
N Parameter not NELAC certified

DF Dilution Factor
MDL Method Detection Limit
R RPD outside accepted control limits
S Spike Recovery outside control limits

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CLIENT: Larson & Associates
Work Order: 0707129
Project: Targa Brine Pond #3

ANALYTICAL QC SUMMARY REPORT

RunID: IC2_070724A

Sample ID: ICV-070724	Batch ID: R32729	TestNo: SW9056	Units: mg/Kg							
SampType: ICV	Run ID: IC2_070724A	Analysis Date: 7/24/2007 9:45:18 AM	Prep Date: 7/24/2007							
Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	25.0	5.00	25.00	0	100	90	110			

Sample ID: CCV1-070724	Batch ID: R32729	TestNo: SW9056	Units: mg/Kg							
SampType: CCV	Run ID: IC2_070724A	Analysis Date: 7/24/2007 12:57:21 PM	Prep Date: 7/24/2007							
Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	9.96	5.00	10.00	0	99.6	90	110			

Sample ID: CCV2-070724	Batch ID: R32729	TestNo: SW9056	Units: mg/Kg							
SampType: CCV	Run ID: IC2_070724A	Analysis Date: 7/24/2007 5:16:27 PM	Prep Date: 7/24/2007							
Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	10.1	5.00	10.00	0	101	90	110			

Sample ID: CCV4-070724	Batch ID: R32729	TestNo: SW9056	Units: mg/Kg							
SampType: CCV	Run ID: IC2_070724A	Analysis Date: 7/24/2007 7:56:07 PM	Prep Date: 7/24/2007							
Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	9.99	5.00	10.00	0	99.9	90	110			

Qualifiers: B Analyte detected in the associated Method Blank
J Analyte detected between MDL and RL
ND Not Detected at the Method Detection Limit
RL Reporting Limit
N Parameter not NELAC certified

DF Dilution Factor
MDL Method Detection Limit
R RPD outside accepted control limits
S Spike Recovery outside control limits

CLIENT: Larson & Associates
 Work Order: 0707129
 Project: Targa Brine Pond #3

ANALYTICAL QC SUMMARY REPORT

RunID: IC2_070725A

Sample ID: MB-26632	Batch ID: 26632	TestNo: SW9056	Units: mg/Kg							
SampType: MBLK	Run ID: IC2_070725A	Analysis Date: 7/25/2007 9:53:21 AM	Prep Date: 7/24/2007							
Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	5.00								

Sample ID: LCS-26632	Batch ID: 26632	TestNo: SW9056	Units: mg/Kg							
SampType: LCS	Run ID: IC2_070725A	Analysis Date: 7/25/2007 10:08:01 AM	Prep Date: 7/24/2007							
Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	50.0	25.0	50.00	0	99.9	80	120			

Sample ID: LCSD-26632	Batch ID: 26632	TestNo: SW9056	Units: mg/Kg							
SampType: LCSD	Run.ID: IC2_070725A	Analysis Date: 7/25/2007 10:22:42 AM	Prep Date: 7/24/2007							
Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	49.8	5.00	50.00	0	99.7	80	120			

Sample ID: 0707129-21A MS	Batch ID: 26632	TestNo: SW9056	Units: mg/Kg-dry							
SampType: MS	Run ID: IC2_070725A	Analysis Date: 7/25/2007 12:10:09 PM	Prep Date: 7/24/2007							
Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	479	26.3	262.8	230.8	94.3	80	120			

Sample ID: 0707129-21A MSD	Batch ID: 26632	TestNo: SW9056	Units: mg/Kg-dry
SampType: MSD	Run ID: IC2_070725A	Analysis Date: 7/25/2007 12:24:49 PM	Prep Date: 7/24/2007

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	480	26.3	262.8	230.8	94.6	80	120	0.167	20	

Sample ID: 0707129-21A DUP	Batch ID: 26632	TestNo: SW9056	Units: mg/Kg-dry							
SampType: DUP	Run ID: IC2_070725A	Analysis Date: 7/25/2007 4:07:43 PM	Prep Date: 7/24/2007							
Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	358	26.0	0	384.7				7.13	25	

Sample ID: 0707129-35A DUP	Batch ID: 26632	TestNo: SW9056	Units: mg/Kg-dry							
SampType: DUP	Run ID: IC2_070725A	Analysis Date: 7/25/2007 4:22:23 PM	Prep Date: 7/24/2007							
Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	729	25.6	0	820.3				11.7	25	

Qualifiers: B Analyte detected in the associated Method Blank
 J Analyte detected between MDL and RL
 ND Not Detected at the Method Detection Limit
 RL Reporting Limit
 N Parameter not NELAC certified

DF Dilution Factor
 MDL Method Detection Limit
 R RPD outside accepted control limits
 S Spike Recovery outside control limits

CLIENT: Larson & Associates
Work Order: 0707129
Project: Targa Brine Pond #3

ANALYTICAL QC SUMMARY REPORT

RunID: IC2_070725A

Sample ID: 0707129-35A MS	Batch ID: 26632	TestNo: SW9056	Units: mg/Kg-dry
SampType: MS	Run ID: IC2_070725A	Analysis Date: 7/25/2007 4:37:04 PM	Prep Date: 7/24/2007

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	685	25.6	255.5	437.6	96.8	80	120			

Sample ID: 0707129-35A MSD	Batch ID: 26632	TestNo: SW9056	Units: mg/Kg-dry
SampType: MSD	Run ID: IC2_070725A	Analysis Date: 7/25/2007 4:51:44 PM	Prep Date: 7/24/2007

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	687	25.6	255.5	437.6	97.5	80	120	0.240	20	

Qualifiers: B Analyte detected in the associated Method Blank
J Analyte detected between MDL and RL
ND Not Detected at the Method Detection Limit
RL Reporting Limit
N Parameter not NELAC certified

DF Dilution Factor
MDL Method Detection Limit
R RPD outside accepted control limits
S Spike Recovery outside control limits

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CLIENT: Larson & Associates
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ANALYTICAL QC SUMMARY REPORT

RunID: IC2_070725A

Sample ID: ICV-070725	Batch ID: R32750	TestNo: SW9056	Units: mg/Kg							
SampType: ICV	Run ID: IC2_070725A	Analysis Date: 7/25/2007 9:35:51 AM	Prep Date: 7/25/2007							
Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual

Chloride	25.1	5.00	25.00	0	100	90	110			
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Sample ID: CCV1-070725	Batch ID: R32750	TestNo: SW9056	Units: mg/Kg							
SampType: CCV	Run ID: IC2_070725A	Analysis Date: 7/25/2007 12:39:30 PM	Prep Date: 7/25/2007							
Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual

Chloride	9.92	5.00	10.00	0	99.2	90	110			
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Sample ID: CCV2-070725	Batch ID: R32750	TestNo: SW9056	Units: mg/Kg							
SampType: CCV	Run ID: IC2_070725A	Analysis Date: 7/25/2007 3:46:16 PM	Prep Date: 7/25/2007							
Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual

Chloride	10.1	5.00	10.00	0	101	90	110			
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Sample ID: CCV3-070725	Batch ID: R32750	TestNo: SW9056	Units: mg/Kg							
SampType: CCV	Run ID: IC2_070725A	Analysis Date: 7/25/2007 5:13:31 PM	Prep Date: 7/25/2007							
Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual

Chloride	10.0	5.00	10.00	0	100	90	110			
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Qualifiers: B Analyte detected in the associated Method Blank
 J Analyte detected between MDL and RL
 ND Not Detected at the Method Detection Limit
 RL Reporting Limit
 N Parameter not NELAC certified

DF Dilution Factor
 MDL Method Detection Limit
 R RPD outside accepted control limits
 S Spike Recovery outside control limits

CLIENT: Larson & Associates
Work Order: 0707129
Project: Targa Brine Pond #3

ANALYTICAL QC SUMMARY REPORT

RunID: PMOIST_070727A

Sample ID: 0707129-15A DUP Batch ID: PMOIST_070727A TestNo: D2216 Units: WT%
SampType: DUP Run ID: PMOIST_070727A Analysis Date: 7/27/2007 8:50:00 AM Prep Date: 7/26/2007

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Percent Moisture	13.9	0	0	14.17				1.60	30	N

Qualifiers: B Analyte detected in the associated Method Blank
J Analyte detected between MDL and RL
ND Not Detected at the Method Detection Limit
RL Reporting Limit
N Parameter not NELAC certified

DF Dilution Factor
MDL Method Detection Limit
R RPD outside accepted control limits
S Spike Recovery outside control limits

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CLIENT: Larson & Associates
Work Order: 0707129
Project: Targa Brine Pond #3

ANALYTICAL QC SUMMARY REPORT

RunID: PMOIST_070727B

Sample ID: 0707129-35A DUP	Batch ID: PMOIST_070727B	TestNo: D2216	Units: WT%
SampType: DUP	Run ID: PMOIST_070727B	Analysis Date: 7/27/2007 8:30:00 AM	Prep Date: 7/26/2007

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Percent Moisture	3.63	0	0	3.701				2.05	30	N

Qualifiers: B Analyte detected in the associated Method Blank
J Analyte detected between MDL and RL
ND Not Detected at the Method Detection Limit
RL Reporting Limit
N Parameter not NELAC certified

DF Dilution Factor
MDL Method Detection Limit
R RPD outside accepted control limits
S Spike Recovery outside control limits

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