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SUMP CLOSURE REPORT

Targa Midstream Services, L.P.

Eunice South Compressor Station

GW-344

Unit M (SW/4, SW/4), Section 27, T22S, R37E

Lea County, NM

Project No. 9-0120

May 20, 2010

Prepared for:

Targa Midstream Services

6 Desta Drive

Midland, Texas 79705

Prepared by:

Mark J. Larson

Certified Professional Geologist

Larson & Associates, Inc.

507 North Marienfeld, Suite 200

Midland, Texas 79701

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1.0 Executive Summary

The following report is submitted to the New Mexico Oil Conservation Division (OCD) on behalf of Targa Midstream Services, L.P., (Targa) by Larson & Associates, Inc. (LAI), its consultant, to present laboratory results of soil samples collected from the bottom and sidewalls of excavations where concrete sumps were removed at the Eunice South Compressor Station (Site). The report also presents inspection results of a concrete containment from a former below grade tank.

The Site is the location of a natural gas compressor station consisting of two compressor engines, Engine #30 (south) and Engine #31 (north), which are operated under OCD discharge permit GW-344 and located about 5 miles south of Eunice in Lea County, New Mexico. The site is located near the west side of the former Eunice South Gas Plant that has been decommissioned. Chevron USA Inc. is the responsible party for groundwater remediation under the former gas plant which operated under OCD discharge permit GW-003.

LAI collected 5-part composite samples from the bottom of the sump excavations and grab samples from areas where visual staining was present to confirm cleanup adjacent to the foundation at the Engine #31 compressor building. The laboratory reported total petroleum hydrocarbons (TPH) by method SW-8015 in the bottom composite samples below the OCD recommended remediation action level of 1,000 milligrams per kilogram (mg/kg). Chloride was less than 250 mg/kg.

TPH was reported at 28,400 mg/kg for a grab sample collected about 3 feet below ground surface (bgs) on the south sidewall of the Engine #30 sump excavation and 2,412.8 mg/Kg in a sample (NS-5A) near the north side of the Engine #31 compressor building. Further lateral excavation at these locations is not possible due to the concrete foundations which support piping and the building.

The concrete containment of a former below grade tank located near the east central area of the gas plant was inspected and no cracks were observed in the bottom and sidewalls of the concrete.

Based on the documented activities performed at the site, LAI requests approval to close the sump excavations and concrete containment. The sumps will be closed by filling with clean soil. The concrete containment will be closed by collapsing the upper concrete walls below ground surface into the containment and covered with clean soil.

2.0 Operator Information

Primary Contact: Mr. James Lingnau
Title: Area Manager
Address: Targa Midstream Services, L.P.
Eunice Gas Plant
PO Box 1909
Eunice, New Mexico 88231
Office: 575.394.2534
Cell: 575.631-7095

Secondary Contact: Mr. Cal Wrangham
Title: Environmental Manager
Address: Targa Midstream Services, L.P.
6 Desta Drive, Suite 3300
Midland, Texas 79705
Office: 432.688.0542
Cell: 432.425.7072

3.0 Sump Closure

3.1 Introduction

Larson & Associates, Inc. (LAI), as consultant to Targa Midstream Services, L.P., (Targa), submits this report to the New Mexico Oil Conservation Division (OCD) for approval to close excavations from removal of two concrete drain sumps at the Eunice South Compressor Station (Site) located about 5 miles south of Eunice in Lea County, New Mexico. The Site is the location of a decommissioned gas processing plant and active natural gas compressor station. Targa operate a compressor station under discharge permit number GW-003 that consists of a south (Engine #30) and north (Engine #31) compressor engines located near the west side of the Site. Chevron operates a groundwater remediation system for the decommissioned gas plant under discharge permit GW-003.

Each compressor engine had a concrete drain sump that received natural gas liquids and drips from engine oil that was conveyed via subsurface piping to a central below grade tank located near the east-central area of the gas plant. The Site is located in Unit M (SNW/4, SW/4), Section 11, Township 22 South, Range 37 East, Lea County, New Mexico. The geodetic position is latitude 32.362832° north and longitude 103.159165° west. Figure 1 presents a location and topographic map. Figure 2 presents a Site drawing.

3.2 Background

On May 14, 2009, the OCD Environmental Bureau, located in Santa Fe, New Mexico, issued a letter to Targa that identified several deficiencies based on an inspection that was performed on April 21, 2009. Specifically, the OCD identified surface releases of fluid at two (2) concrete sumps located north of the Engine #30 and south of the Engine #31 compressor buildings and required Targa to remediate soil and identify sources for the releases. The OCD also requested Targa to remediate soil adjacent to the Engine

- North Side (NS-4) – 2,340 mg/kg;
- North Side (NS-5) – 12,700 mg/kg

TPH (SW 8015) was below the recommended remediation action level of 1,000 mg/kg in the bottom composite samples from the Engine #30 (south) and Engine #31 (north). Chloride was below 250 mg/kg in all samples.

On April 23, 2010, LAI personnel collected a grab sample from approximately 3 feet below ground surface (bgs) on the south side wall of the Engine #30 (south) sump excavation (SS-1A) and north side of the Engine #31 (north) compressor building (NS-5A). The samples were analyzed for TPH by methods 418.1 and SW-8015 (DRO and GRO). TPH (418.1) was reported at 80,100 mg/kg (SS-1A) and 10,600 mg/kg (10,600 mg/kg). TPH (SW-8015) was 28,410 mg/kg (SS-1A) and 2,412.8 mg/kg (NS-5A).

The bottom samples demonstrate that the vertical extent of the impact has been defined but no further lateral exaction was possible at locations SS-1 and NS-5 due to interference from building foundations and subsurface piping.

On November 24, 2009, the concrete of the containment at the former below grade tank location near the east central area of the plant was inspected for cracks after the containment was cleaned. No cracks were observed in the bottom or sidewalls of the containment. Appendix B presents photo documentation. Appendix C presents the initial and final C-141.

4.0 Conclusions

Based on the documented activities performed at the site, LAI requests approval to close the sump excavations and concrete containment. The sump excavations will be closed by filling with clean soil. The concrete containment will be closed by collapsing the concrete walls into the containment so that the walls are approximately three (3) feet below ground surface covering with clean soil.

Table 1
Targa Midstream
Soil Analytical Data Summary
South Compressor Station
Lea County, New Mexico

Sample ID	Depth	Date	Benzene	Toluene	Ethylbenzene	Total Xylenes	Total BTEX
New Mexico Regulatory Limit			10				50
Engine 30 (South)	Bottom	1/6/2010	<0.0229	<0.0458	2.393	0.9177	3.311
	SS-1	1/6/2010	2.010	9.806	239.6	52.26	303.7
Engine 31 (North)	Bottom	1/6/2010	0.0013	0.0032	0.0061	0.0194	0.0300
	NS-1	1/6/2010	<0.0012	<0.0024	<0.0012	<0.0012	<0.0012
	NS-2	1/6/2010	0.0074	0.0070	0.0904	0.3135	0.4183
	NS-3	1/6/2010	<0.0011	<0.0022	<0.0011	<0.0011	<0.0011
	NS-4	1/6/2010	<0.0011	<0.0022	<0.0011	<0.0011	<0.0011
	NS-5	1/6/2010	<0.0227	6.522	2.965	15.194	24.681
	NS-6	1/6/2010	<0.0011	<0.0022	<0.0011	<0.0011	<0.0011

Notes

Benzene, Toluene, Ethylbenzene and Xylenes analyzed via EPA SW Method 8021B.

All values reported in Milligrams per Kilogram - dry (mg/Kg, parts per million).

Bold indicates the analyte was detected.

Bold and blue indicates the value exceeds NMOCD requirements.

*ALL OVERAGES SITUATED
NEXT TO STRUCTURES .
TOO CLOSE TO REMOVE &
VOLUMES ARE INSIGNIFICANT -*

J. Johnson
ENVIRONMENTAL ENGINEER
5.25.10

Table 1
Targa Midstream
Soil Boring Analytical Data Summary
South Compressor Station
Lea County, New Mexico

Sample ID	Depth	Date	TPH by 418	GRO C6-C12	DRO C12-C28	TPH C6-C28	Chlorides
New Mexico Regulatory Limit			2,500	--		1,000	250
Engine 30 (South)	Bottom	1/6/2010	2,000	256	143	399	<4.81
	SS-1	1/6/2010	45,300	--	--	--	<4.89
	SS-1A	4/23/2010	80,100	19,700	8,710	28,410	--
Engine 31 (North)	Bottom	1/6/2010	1,250	<18.2	31.4	31.4	8.53
	NS-1	1/6/2010	1,450	--	--	--	6.84
	NS-2	1/6/2010	1,150	--	--	--	<4.73
	NS-3	1/6/2010	687	--	--	--	<4.60
	NS-4	1/6/2010	2,340	--	--	--	<4.57
	NS-5	1/6/2010	12,700	--	--	--	6.63
	NS-5A	4/23/2010	10,600	82.8	2,330	2,412.8	--
	NS-6	1/6/2010	116	--	--	--	20.4

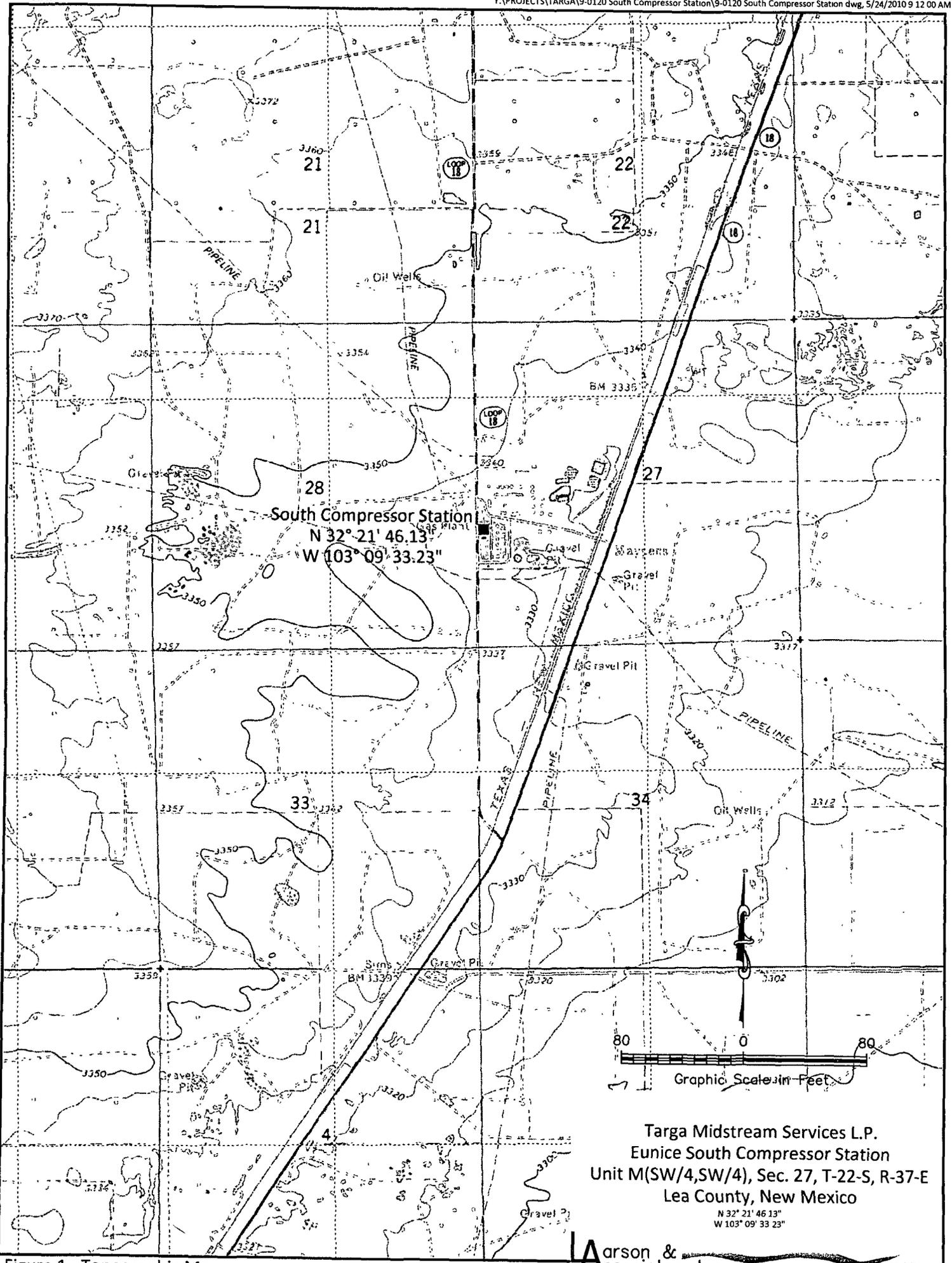
Notes

Total Petroleum Hydrocarbons analyzed via EPA SW Method 8015 Mod.

All values reported in Milligrams per Kilogram - dry (mg/Kg, parts per million).

Bold indicates the analyte was detected.

Bold and blue indicates the value exceeds NMOCD requirements.



Targa Midstream Services L.P.
 Eunice South Compressor Station
 Unit M(SW/4,SW/4), Sec. 27, T-22-S, R-37-E
 Lea County, New Mexico
 $N 32^{\circ} 21' 46.13''$
 $W 103^{\circ} 09' 33.23''$

Figure 1 - Topographic Map

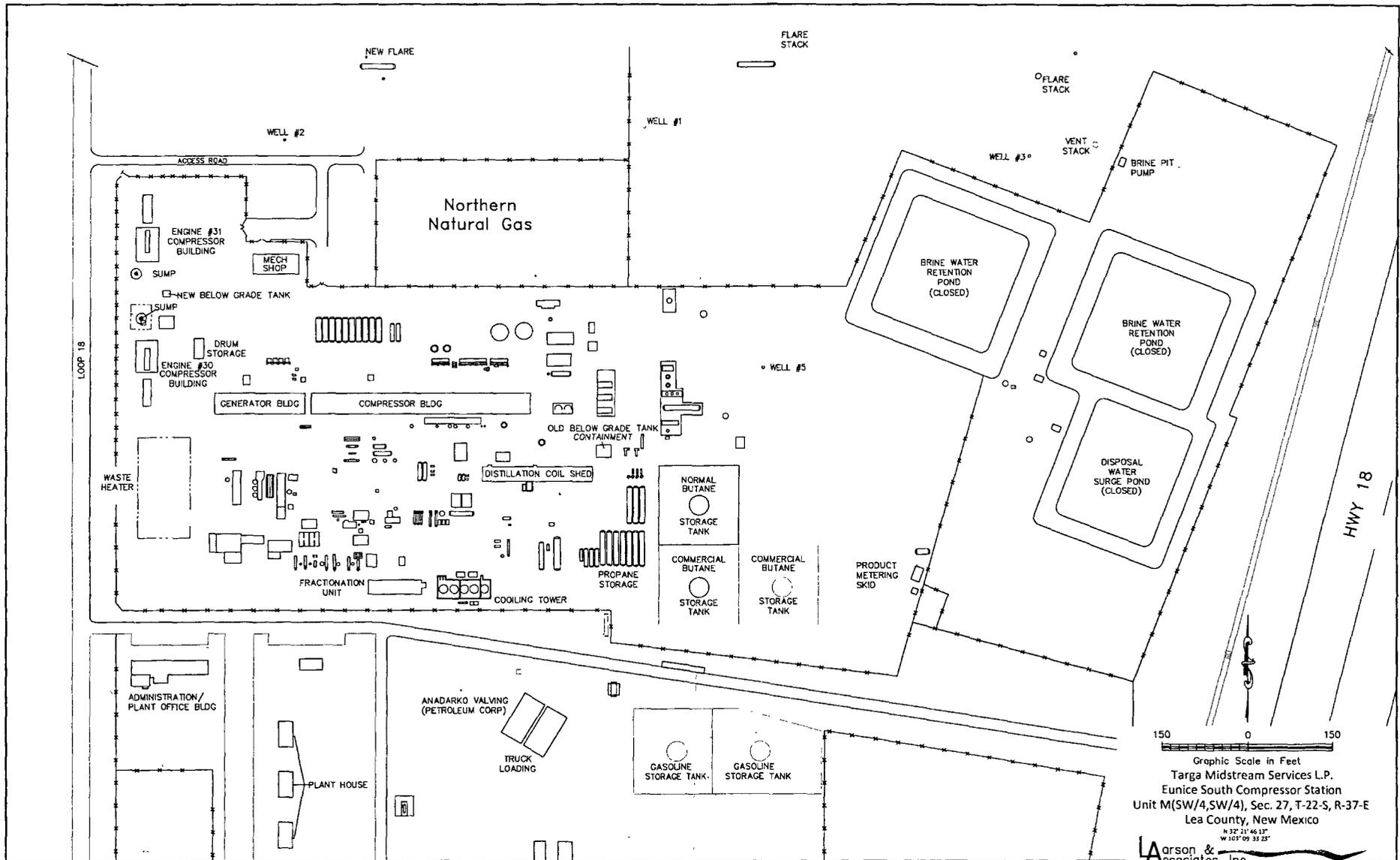
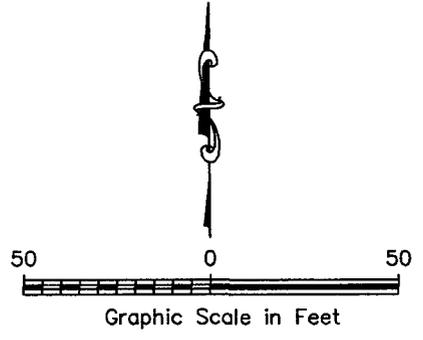
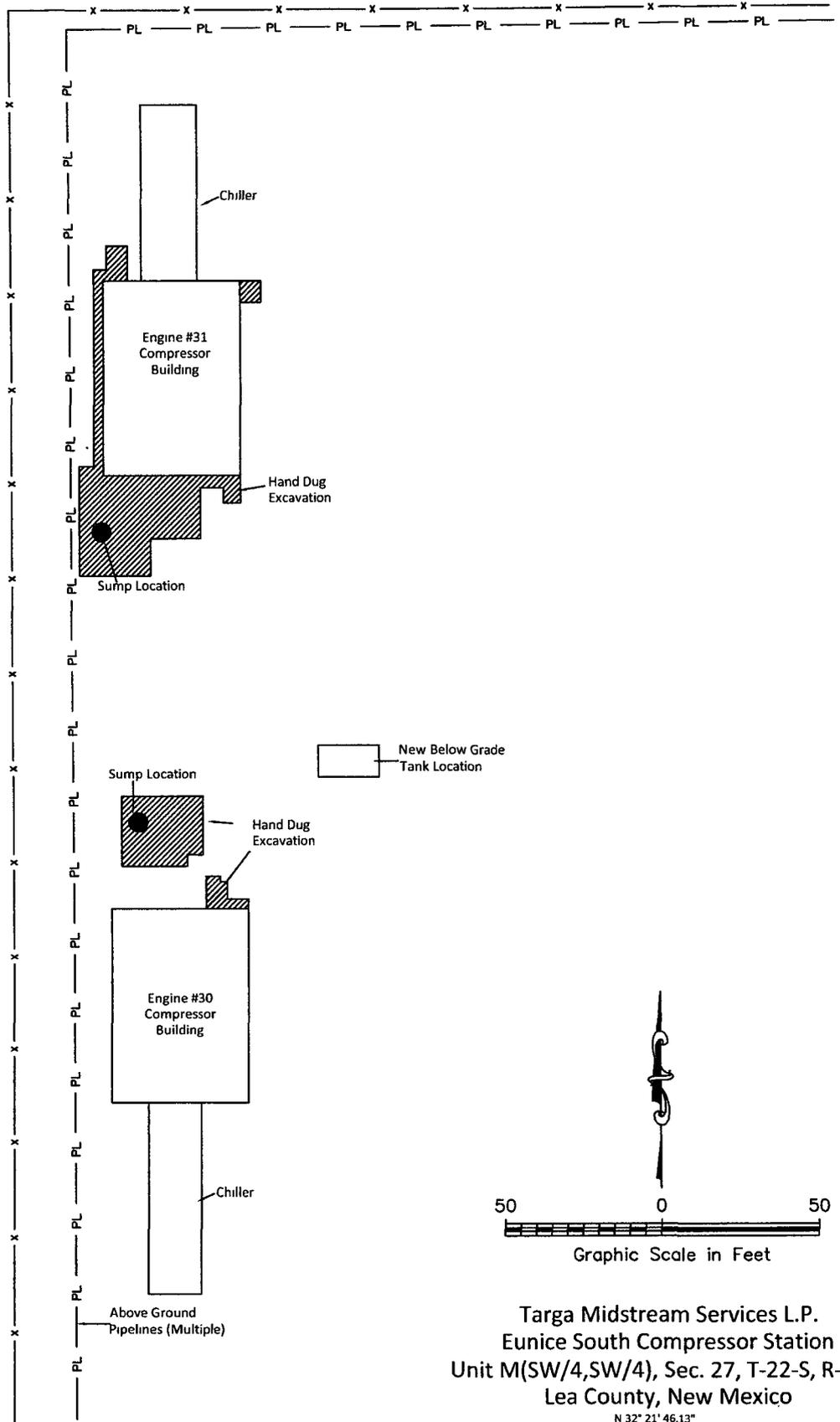


Figure 2 - Site Drawing

JWW

Loop 18



Targa Midstream Services L.P.
 Eunice South Compressor Station
 Unit M(SW/4,SW/4), Sec. 27, T-22-S, R-37-E
 Lea County, New Mexico

N 32° 21' 46.13"
 W 103° 09' 33.23"

Larson &
 Associates, Inc.
 Environmental Consultants

Figure 3 - Sump Location Drawing

JWW

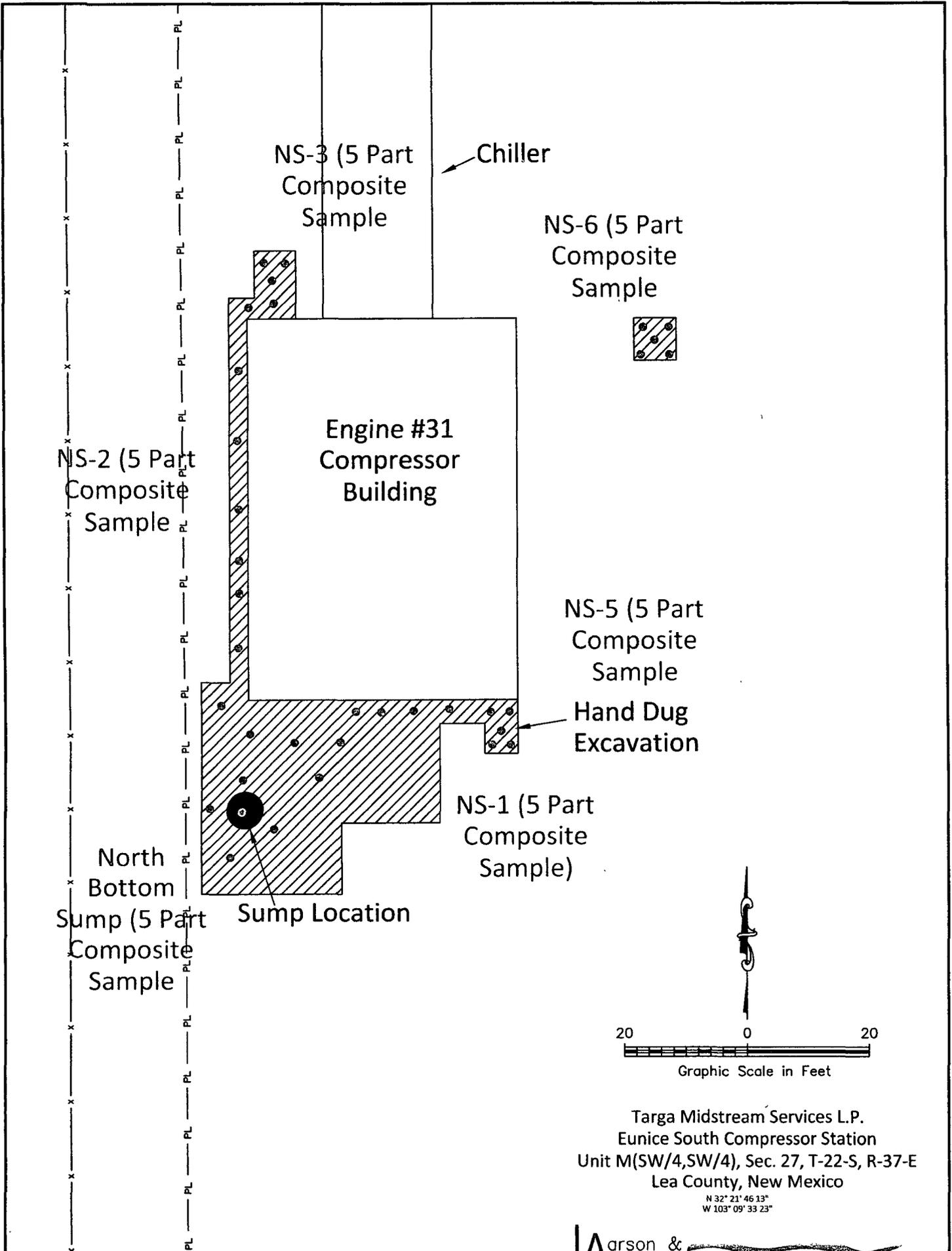


Figure 5 - Engine #31 Sample Locations

Analytical Report 357767

for

Larson & Associates

Project Manager: Michelle Green

Targa South Compressor St.

9-0120

20-JAN-10



12600 West I-20 East Odessa, Texas 79765

Xenco-Houston (EPA Lab code: TX00122):

Texas (T104704215-08-TX), Arizona (AZ0738), Arkansas (08-039-0), Connecticut (PH-0102), Florida (E871002)
Illinois (002082), Indiana (C-TX-02), Iowa (392), Kansas (E-10380), Kentucky (45), Louisiana (03054)
New Hampshire (297408), New Jersey (TX007), New York (11763), Oklahoma (9218), Pennsylvania (68-03610)
Rhode Island (LAO00308), USDA (S-44102)

Xenco-Atlanta (EPA Lab Code: GA00046):

Florida (E87429), North Carolina (483), South Carolina (98015), Utah (AALI1), West Virginia (362), Kentucky (85)
Louisiana (04176), USDA (P330-07-00105)

Xenco-Miami (EPA Lab code: FL01152): Florida (E86678), Maryland (330)

Xenco-Tampa Mobile (EPA Lab code: FL01212): Florida (E84900)

Xenco-Odessa (EPA Lab code: TX00158): Texas (T104704400-08-TX)

Xenco-Dallas (EPA Lab code: TX01468): Texas (T104704295-08-TX)

Xenco-Corpus Christi (EPA Lab code: TX02613): Texas (T104704370-08-TX)

Xenco-Boca Raton (EPA Lab Code: FL00449): Florida(E86240),

South Carolina(96031001), Louisiana(04154), Georgia(917)



20-JAN-10

Project Manager: **Michelle Green**
Larson & Associates
P.O. Box 50685
Midland, TX 79710

Reference: XENCO Report No: **357767**
Targa South Compressor St.
Project Address:

Michelle Green:

We are reporting to you the results of the analyses performed on the samples received under the project name referenced above and identified with the XENCO Report Number 357767. All results being reported under this Report Number apply to the samples analyzed and properly identified with a Laboratory ID number. Subcontracted analyses are identified in this report with either the NELAC certification number of the subcontract lab in the analyst ID field, or the complete subcontracted report attached to this report.

Unless otherwise noted in a Case Narrative, all data reported in this Analytical Report are in compliance with NELAC standards. Estimation of data uncertainty for this report is found in the quality control section of this report unless otherwise noted. Should insufficient sample be provided to the laboratory to meet the method and NELAC Matrix Duplicate and Matrix Spike requirements, then the data will be analyzed, evaluated and reported using all other available quality control measures.

The validity and integrity of this report will remain intact as long as it is accompanied by this letter and reproduced in full, unless written approval is granted by XENCO Laboratories. This report will be filed for at least 5 years in our archives after which time it will be destroyed without further notice, unless otherwise arranged with you. The samples received, and described as recorded in Report No. 357767 will be filed for 60 days, and after that time they will be properly disposed without further notice, unless otherwise arranged with you. We reserve the right to return to you any unused samples, extracts or solutions related to them if we consider so necessary (e.g., samples identified as hazardous waste, sample sizes exceeding analytical standard practices, controlled substances under regulated protocols, etc).

We thank you for selecting XENCO Laboratories to serve your analytical needs. If you have any questions concerning this report, please feel free to contact us at any time.

Respectfully,

Brent Barron, II

Odessa Laboratory Manager

*Recipient of the Prestigious Small Business Administration Award of Excellence in 1994.
Certified and approved by numerous States and Agencies.
A Small Business and Minority Status Company that delivers SERVICE and QUALITY
Houston - Dallas - San Antonio - Austin - Tampa - Miami - Atlanta - Corpus Christi - Latin America*



Sample Cross Reference 357767



Larson & Associates, Midland, TX
Targa South Compressor St.

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
Engine 30 (South) Bottom	S	Jan-06-10 10:35		357767-001
Engine 30 (South) SS-1	S	Jan-06-10 10:40		357767-002
Engine 31 (North) Bottom	S	Jan-06-10 11:00		357767-003
Engine 31 (North) NS-1	S	Jan-06-10 11:20		357767-004
Engine 31 (North) NS-2	S	Jan-06-10 11:35		357767-005
Engine 31 (North) NS-3	S	Jan-06-10 11:40		357767-006
Engine 31 (North) NS-4	S	Jan-06-10 11:50		357767-007
Engine 31 (North) NS-5	S	Jan-06-10 12:00		357767-008
Engine 31 (North) NS-6	S	Jan-06-10 12:15		357767-009



CASE NARRATIVE

Client Name: Larson & Associates

Project Name: Targa South Compressor St.

*Project ID: 9-0120
Work Order Number: 357767*

*Report Date: 20-JAN-10
Date Received: 01/06/2010*

Sample receipt non conformances and Comments:

None

Sample receipt Non Conformances and Comments per Sample:

None

Analytical Non Conformances and Comments:

Batch: LBA-788572 Percent Moisture

None

Batch: LBA-788581 Inorganic Anions by EPA 300

None

Batch: LBA-788827 BTEX by EPA 8021B

SW8021BM

Batch 788827, 1,4-Difluorobenzene recovered below QC limits . Matrix interferences is suspected; data confirmed by re-analysis

Samples affected are: 357767-003.

4-Bromofluorobenzene recovered above QC limits . Matrix interferences is suspected; data confirmed by re-analysis

Samples affected are: 357767-005.

4-Bromofluorobenzene recovered above QC limits . Matrix interferences is suspected; data confirmed by re-analysis

Samples affected are: 357767-008.

SW8021BM

Batch 788827, Benzene, Ethylbenzene, Toluene, m,p-Xylenes, o-Xylene recovered below QC limits in the Matrix Spike and Matrix Spike Duplicate.

Samples affected are: 357767-006, -003, -008, -004, -007, -005, -009.

The Laboratory Control Sample for Toluene, m,p-Xylenes , Benzene, Ethylbenzene, o-Xylene is within laboratory Control Limits

Batch: LBA-788887 BTEX by EPA 8021B

SW8021BM

Batch 788887, 1,4-Difluorobenzene recovered below QC limits . Matrix interferences is suspected; data confirmed by re-analysis

Samples affected are: 357767-002.



CASE NARRATIVE

Client Name: Larson & Associates

Project Name: Targa South Compressor St.

Project ID: 9-0120
Work Order Number: 357767

Report Date: 20-JAN-10
Date Received: 01/06/2010

Batch: LBA-789002 TPH by EPA 418.1
None

Batch: LBA-789136 BTEX by EPA 8021B
SW8021BM

Batch 789136, 4-Bromofluorobenzene recovered above QC limits . Matrix interferences is suspected; data confirmed by re-analysis
Samples affected are: 357767-001 D,357767-001.

SW8021BM
Batch 789136, Toluene RPD is outside the QC limit. This is most likely due to sample non-homogeneity.
Samples affected are: 357767-001.

Batch: LBA-789847 TPH By SW8015 Mod
None



Certificate of Analysis Summary 357767

Larson & Associates, Midland, TX



Project Id: 9-0120

Contact: Michelle Green

Date Received in Lab: Wed Jan-06-10 05:00 pm

Report Date: 20-JAN-10

Project Manager: Brent Barron, II

Project Location:

<i>Analysis Requested</i>	<i>Lab Id:</i>	357767-001	357767-002	357767-003	357767-004	357767-005	357767-006
	<i>Field Id:</i>	Engine 30 (South) Bottom	Engine 30 (South) SS-1	Engine 31 (North) Bottom	Engine 31 (North) NS-1	Engine 31 (North) NS-2	Engine 31 (North) NS-3
	<i>Depth:</i>						
	<i>Matrix:</i>	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	<i>Sampled:</i>	Jan-06-10 10 35	Jan-06-10 10 40	Jan-06-10 11 00	Jan-06-10 11 20	Jan-06-10 11 35	Jan-06-10 11 40
Anions by E300	<i>Extracted:</i>	Jan-07-10 12 23	Jan-07-10 12 23	Jan-07-10 12 23	Jan-07-10 12 23	Jan-07-10 12 23	Jan-07-10 12 23
	<i>Analyzed:</i>	Jan-07-10 12 23	Jan-07-10 12 23	Jan-07-10 12 23	Jan-07-10 12 23	Jan-07-10 12 23	Jan-07-10 12 23
	<i>Units/RL:</i>	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL
Chloride		ND 4 81	ND 4 89	8 53 5 09	6 84 5 18	ND 4 73	ND 4 60
BTEX by EPA 8021B	<i>Extracted:</i>	Jan-12-10 13 13	Jan-11-10 11 00	Jan-07-10 09 55	Jan-07-10 09 55	Jan-07-10 09 55	Jan-07-10 09 55
	<i>Analyzed:</i>	Jan-12-10 13 37	Jan-11-10 20 17	Jan-09-10 00 14	Jan-08-10 22 24	Jan-08-10 22 46	Jan-08-10 23 08
	<i>Units/RL:</i>	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL
Benzene		ND 0 0229	2 010 1 162	0 0013 0 0012	ND 0 0012	0 0074 0 0011	ND 0 0011
Toluene		ND 0 0458	9 806 2 324	0 0032 0 0024	ND 0 0024	0 0070 0 0023	ND 0 0022
Ethylbenzene		2 393 0 0229	239 6 1 162	0 0061 0 0012	ND 0 0012	0 0904 0 0011	ND 0 0011
m,p-Xylenes		0 3828 0 0458	27 05 2 324	0 0134 0 0024	ND 0 0024	0 0710 0 0023	ND 0 0022
o-Xylene		0 5349 0 0229	25 21 1 162	0 0060 0 0012	ND 0 0012	0 2425 0 0011	ND 0 0011
Total Xylenes		0 9177 0 0229	52 26 1 162	0 0194 0 0012	ND 0 0012	0 3135 0 0011	ND 0 0011
Total BTEX		3 311 0 0229	303 7 1 162	0 0300 0 0012	ND 0 0012	0 4183 0 0011	ND 0 0011
Percent Moisture	<i>Extracted:</i>	Jan-07-10 17 00	Jan-07-10 17 00	Jan-07-10 17 00	Jan-07-10 17 00	Jan-07-10 17 00	Jan-07-10 17 00
	<i>Analyzed:</i>	Jan-07-10 17 00	Jan-07-10 17 00	Jan-07-10 17 00	Jan-07-10 17 00	Jan-07-10 17 00	Jan-07-10 17 00
	<i>Units/RL:</i>	% RL	% RL	% RL	% RL	% RL	% RL
Percent Moisture		12 7 1 00	14 1 1 00	17 5 1 00	19 0 1 00	11 2 1 00	8 65 1 00
TPH By SW8015 Mod	<i>Extracted:</i>	Jan-18-10 10 45		Jan-18-10 10 45			
	<i>Analyzed:</i>	Jan-19-10 03 10		Jan-19-10 03 37			
	<i>Units/RL:</i>	mg/kg RL		mg/kg RL			
C6-C12 Gasoline Range Hydrocarbons		256 17 3		ND 18 2			
C12-C28 Diesel Range Hydrocarbons		143 17 3		31 4 18 2			
C28-C35 Oil Range Hydrocarbons		32 2 17 3		ND 18 2			
Total TPH		431 17 3		31 4 18 2			

This analytical report, and the entire data package it represents, has been made for your exclusive and confidential use. The interpretations and results expressed throughout this analytical report represent the best judgment of XENCO Laboratories. XENCO Laboratories assumes no responsibility and makes no warranty to the end use of the data hereby presented. Our liability is limited to the amount invoiced for this work order unless otherwise agreed to in writing.

Since 1990 Houston - Dallas - San Antonio - Austin - Tampa - Miami - Latin America - Atlanta - Corpus Christi

Brent Barron, II
Odessa Laboratory Manager



Certificate of Analysis Summary 357767

Larson & Associates, Midland, TX

Project Name: Targa South Compressor St.



Project Id: 9-0120

Contact: Michelle Green

Date Received in Lab: Wed Jan-06-10 05:00 pm

Report Date: 20-JAN-10

Project Location:

Project Manager: Brent Barron, II

Analysis Requested	Lab Id:	357767-001	357767-002	357767-003	357767-004	357767-005	357767-006
	Field Id:	Engine 30 (South) Bottom	Engine 30 (South) SS-1	Engine 31 (North) Bottom	Engine 31 (North) NS-1	Engine 31 (North) NS-2	Engine 31 (North) NS-3
	Depth:						
	Matrix:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	Sampled:	Jan-06-10 10 35	Jan-06-10 10 40	Jan-06-10 11 00	Jan-06-10 11 20	Jan-06-10 11 35	Jan-06-10 11 40
TPH by EPA 418.1	Extracted:						
	Analyzed:	Jan-12-10 12 38	Jan-12-10 12 38	Jan-12-10 12 38	Jan-12-10 12 38	Jan-12-10 12 38	Jan-12-10 12 38
	Units/RL:	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL
TPH, Total Petroleum Hydrocarbons		2000 11 4	45300 58 2	1250 12 1	1450 12 3	1150 11 3	687 10 9

This analytical report, and the entire data package it represents, has been made for your exclusive and confidential use. The interpretations and results expressed throughout this analytical report represent the best judgment of XENCO Laboratories. XENCO Laboratories assumes no responsibility and makes no warranty to the end use of the data hereby presented. Our liability is limited to the amount invoiced for this work order unless otherwise agreed to in writing.

Since 1990 Houston - Dallas - San Antonio - Austin - Tampa - Miami - Latin America - Atlanta - Corpus Christi


 Brent Barron, II
 Odessa Laboratory Manager



Certificate of Analysis Summary 357767

Larson & Associates, Midland, TX

Project Name: Targa South Compressor St.



Project Id: 9-0120

Contact: Michelle Green

Date Received in Lab: Wed Jan-06-10 05:00 pm

Report Date: 20-JAN-10

Project Manager: Brent Barron, II

Project Location:

<i>Analysis Requested</i>	<i>Lab Id:</i>	357767-007	357767-008	357767-009			
	<i>Field Id:</i>	Engine 31 (North) NS-4	Engine 31 (North) NS-5	Engine 31 (North) NS-6			
	<i>Depth:</i>						
	<i>Matrix:</i>	SOIL	SOIL	SOIL			
	<i>Sampled:</i>	Jan-06-10 11 50	Jan-06-10 12 00	Jan-06-10 12 15			
Anions by E300	<i>Extracted:</i>						
	<i>Analyzed:</i>	Jan-07-10 12 23	Jan-07-10 12 23	Jan-07-10 12 23			
	<i>Units/RL:</i>	mg/kg RL	mg/kg RL	mg/kg RL			
Chloride		ND 4 57	6 63 4 76	20 4 4 56			
BTEX by EPA 8021B	<i>Extracted:</i>	Jan-07-10 09 55	Jan-07-10 09 55	Jan-07-10 09 55			
	<i>Analyzed:</i>	Jan-08-10 23 30	Jan-09-10 03 54	Jan-08-10 23 52			
	<i>Units/RL:</i>	mg/kg RL	mg/kg RL	mg/kg RL			
Benzene		ND 0 0011	ND 0 0227	ND 0 0011			
Toluene		ND 0 0022	6 522 0 0454	ND 0 0022			
Ethylbenzene		ND 0 0011	2 965 0 0227	ND 0 0011			
m,p-Xylenes		ND 0 0022	7 501 0 0454	ND 0 0022			
o-Xylene		ND 0 0011	7 693 0 0227	ND 0 0011			
Total Xylenes		ND 0 0011	15 194 0 0227	ND 0 0011			
Total BTEX		ND 0 0011	24 681 0 0227	ND 0 0011			
Percent Moisture	<i>Extracted:</i>						
	<i>Analyzed:</i>	Jan-07-10 17 00	Jan-07-10 17 00	Jan-07-10 17 00			
	<i>Units/RL:</i>	% RL	% RL	% RL			
Percent Moisture		8 03 1 00	11 8 1 00	7 86 1 00			
TPH by EPA 418.1	<i>Extracted:</i>						
	<i>Analyzed:</i>	Jan-12-10 12 38	Jan-12-10 12 38	Jan-12-10 12 38			
	<i>Units/RL:</i>	mg/kg RL	mg/kg RL	mg/kg RL			
TPH, Total Petroleum Hydrocarbons		2340 10 9	12700 11 3	116 10 9			

This analytical report, and the entire data package it represents, has been made for your exclusive and confidential use. The interpretations and results expressed throughout this analytical report represent the best judgment of XENCO Laboratories. XENCO Laboratories assumes no responsibility and makes no warranty to the end use of the data hereby presented. Our liability is limited to the amount invoiced for this work order unless otherwise agreed to in writing.

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 Brent Barron, II
 Odessa Laboratory Manager

Flagging Criteria

- X In our quality control review of the data a QC deficiency was observed and flagged as noted. MS/MSD recoveries were found to be outside of the laboratory control limits due to possible matrix /chemical interference, or a concentration of target analyte high enough to effect the recovery of the spike concentration. This condition could also effect the relative percent difference in the MS/MSD.
 - B A target analyte or common laboratory contaminant was identified in the method blank. Its presence indicates possible field or laboratory contamination.
 - D The sample(s) were diluted due to targets detected over the highest point of the calibration curve, or due to matrix interference. Dilution factors are included in the final results. The result is from a diluted sample.
 - E The data exceeds the upper calibration limit; therefore, the concentration is reported as estimated.
 - F RPD exceeded lab control limits.
 - J The target analyte was positively identified below the MQL and above the SQL.
 - U Analyte was not detected.
 - L The LCS data for this analytical batch was reported below the laboratory control limits for this analyte. The department supervisor and QA Director reviewed data. The samples were either reanalyzed or flagged as estimated concentrations.
 - H The LCS data for this analytical batch was reported above the laboratory control limits. Supporting QC Data were reviewed by the Department Supervisor and QA Director. Data were determined to be valid for reporting.
 - K Sample analyzed outside of recommended hold time.
 - JN A combination of the "N" and the "J" qualifier. The analysis indicates that the analyte is "tentatively identified" and the associated numerical value may not be consistent with the amount actually present in the environmental sample.
- BRL** Below Reporting Limit.
- RL** Reporting Limit
- * Outside XENCO's scope of NELAC Accreditation.

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Form 2 - Surrogate Recoveries

Project Name: Targa South Compressor St.

Work Orders : 357767,

Project ID: 9-0120

Lab Batch #: 788827

Sample: 547316-1-BKS / BKS

Batch: 1 Matrix: Solid

Units: mg/kg

Date Analyzed: 01/08/10 20:33

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0320	0.0300	107	80-120	
4-Bromofluorobenzene	0.0297	0.0300	99	80-120	

Lab Batch #: 788827

Sample: 547316-1-BSD / BSD

Batch: 1 Matrix: Solid

Units: mg/kg

Date Analyzed: 01/08/10 20:56

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0316	0.0300	105	80-120	
4-Bromofluorobenzene	0.0303	0.0300	101	80-120	

Lab Batch #: 788827

Sample: 547316-1-BLK / BLK

Batch: 1 Matrix: Solid

Units: mg/kg

Date Analyzed: 01/08/10 21:41

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0273	0.0300	91	80-120	
4-Bromofluorobenzene	0.0292	0.0300	97	80-120	

Lab Batch #: 788827

Sample: 357767-004 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 01/08/10 22:24

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0265	0.0300	88	80-120	
4-Bromofluorobenzene	0.0291	0.0300	97	80-120	

Lab Batch #: 788827

Sample: 357767-005 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 01/08/10 22:46

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0258	0.0300	86	80-120	
4-Bromofluorobenzene	0.6275	0.0300	2092	80-120	**

* Surrogate outside of Laboratory QC limits

** Surrogates outside limits, data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.



Form 2 - Surrogate Recoveries

Project Name: Targa South Compressor St.

Work Orders : 357767,

Project ID: 9-0120

Lab Batch #: 788827

Sample: 357767-006 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 01/08/10 23:08

SURROGATE RECOVERY STUDY					
BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0278	0.0300	93	80-120	
4-Bromofluorobenzene	0.0342	0.0300	114	80-120	

Lab Batch #: 788827

Sample: 357767-007 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 01/08/10 23:30

SURROGATE RECOVERY STUDY					
BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0272	0.0300	91	80-120	
4-Bromofluorobenzene	0.0318	0.0300	106	80-120	

Lab Batch #: 788827

Sample: 357767-009 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 01/08/10 23:52

SURROGATE RECOVERY STUDY					
BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0272	0.0300	91	80-120	
4-Bromofluorobenzene	0.0322	0.0300	107	80-120	

Lab Batch #: 788827

Sample: 357767-003 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 01/09/10 00:14

SURROGATE RECOVERY STUDY					
BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0217	0.0300	72	80-120	**
4-Bromofluorobenzene	0.0318	0.0300	106	80-120	

Lab Batch #: 788827

Sample: 357767-008 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 01/09/10 03:54

SURROGATE RECOVERY STUDY					
BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0338	0.0300	113	80-120	
4-Bromofluorobenzene	0.1465	0.0300	488	80-120	**

* Surrogate outside of Laboratory QC limits
 ** Surrogates outside limits, data and surrogates confirmed by reanalysis
 *** Poor recoveries due to dilution
 Surrogate Recovery [D] = 100 * A / B
 All results are based on MDL and validated for QC purposes.



Form 2 - Surrogate Recoveries

Project Name: Targa South Compressor St.

Work Orders : 357767,

Project ID: 9-0120

Lab Batch #: 788827

Sample: 357767-004 S / MS

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 01/09/10 05:43

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0283	0.0300	94	80-120	
4-Bromofluorobenzene	0.0297	0.0300	99	80-120	

Lab Batch #: 788827

Sample: 357767-004 SD / MSD

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 01/09/10 06:05

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0288	0.0300	96	80-120	
4-Bromofluorobenzene	0.0293	0.0300	98	80-120	

Lab Batch #: 788887

Sample: 547343-1-BKS / BKS

Batch: 1 Matrix: Solid

Units: mg/kg

Date Analyzed: 01/11/10 10:37

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0315	0.0300	105	80-120	
4-Bromofluorobenzene	0.0302	0.0300	101	80-120	

Lab Batch #: 788887

Sample: 547343-1-BSD / BSD

Batch: 1 Matrix: Solid

Units: mg/kg

Date Analyzed: 01/11/10 11:00

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0313	0.0300	104	80-120	
4-Bromofluorobenzene	0.0301	0.0300	100	80-120	

Lab Batch #: 788887

Sample: 547343-1-BLK / BLK

Batch: 1 Matrix: Solid

Units: mg/kg

Date Analyzed: 01/11/10 12:08

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0268	0.0300	89	80-120	
4-Bromofluorobenzene	0.0311	0.0300	104	80-120	

* Surrogate outside of Laboratory QC limits
 ** Surrogates outside limits, data and surrogates confirmed by reanalysis
 *** Poor recoveries due to dilution
 Surrogate Recovery [D] = 100 * A / B
 All results are based on MDL and validated for QC purposes



Form 2 - Surrogate Recoveries

Project Name: Targa South Compressor St.

Work Orders : 357767,

Project ID: 9-0120

Lab Batch #: 788887

Sample: 357767-002 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 01/11/10 20:17

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0190	0.0300	63	80-120	**
4-Bromofluorobenzene	0.0345	0.0300	115	80-120	

Lab Batch #: 788887

Sample: 358110-001 S / MS

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 01/11/10 22:10

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0289	0.0300	96	80-120	
4-Bromofluorobenzene	0.0285	0.0300	95	80-120	

Lab Batch #: 788887

Sample: 358110-001 SD / MSD

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 01/11/10 22:33

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0303	0.0300	101	80-120	
4-Bromofluorobenzene	0.0289	0.0300	96	80-120	

Lab Batch #: 789136

Sample: 547471-1-BKS / BKS

Batch: 1 Matrix: Solid

Units: mg/kg

Date Analyzed: 01/12/10 11:43

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0317	0.0300	106	80-120	
4-Bromofluorobenzene	0.0289	0.0300	96	80-120	

Lab Batch #: 789136

Sample: 547471-1-BSD / BSD

Batch: 1 Matrix: Solid

Units: mg/kg

Date Analyzed: 01/12/10 12:05

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0324	0.0300	108	80-120	
4-Bromofluorobenzene	0.0297	0.0300	99	80-120	

* Surrogate outside of Laboratory QC limits

** Surrogates outside limits, data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes



Form 2 - Surrogate Recoveries

Project Name: Targa South Compressor St.

Work Orders : 357767,

Project ID: 9-0120

Lab Batch #: 789136

Sample: 547471-1-BLK / BLK

Batch: 1 Matrix: Solid

Units: mg/kg

Date Analyzed: 01/12/10 13:15

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0270	0.0300	90	80-120	
4-Bromofluorobenzene	0.0323	0.0300	108	80-120	

Lab Batch #: 789136

Sample: 357767-001 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 01/12/10 13:37

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0249	0.0300	83	80-120	
4-Bromofluorobenzene	0.0599	0.0300	200	80-120	**

Lab Batch #: 789136

Sample: 357767-001 D / MD

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 01/12/10 16:01

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0244	0.0300	81	80-120	
4-Bromofluorobenzene	0.0642	0.0300	214	80-120	**

Lab Batch #: 789847

Sample: 547892-1-BKS / BKS

Batch: 1 Matrix: Solid

Units: mg/kg

Date Analyzed: 01/19/10 00:28

SURROGATE RECOVERY STUDY

TPH By SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	92.3	101	91	70-135	
o-Terphenyl	41.8	50.3	83	70-135	

Lab Batch #: 789847

Sample: 547892-1-BSD / BSD

Batch: 1 Matrix: Solid

Units: mg/kg

Date Analyzed: 01/19/10 00:55

SURROGATE RECOVERY STUDY

TPH By SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	109	99.5	110	70-135	
o-Terphenyl	47.7	49.8	96	70-135	

* Surrogate outside of Laboratory QC limits

** Surrogates outside limits, data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes



Form 2 - Surrogate Recoveries

Project Name: Targa South Compressor St.

Work Orders : 357767,

Project ID: 9-0120

Lab Batch #: 789847

Sample: 547892-1-BLK / BLK

Batch: 1 Matrix: Solid

Units: mg/kg

Date Analyzed: 01/19/10 01:22

SURROGATE RECOVERY STUDY

TPH By SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	77.9	100	78	70-135	
o-Terphenyl	44.4	50.1	89	70-135	

Lab Batch #: 789847

Sample: 357767-001 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 01/19/10 03:10

SURROGATE RECOVERY STUDY

TPH By SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	87.3	101	86	70-135	
o-Terphenyl	44.7	50.3	89	70-135	

Lab Batch #: 789847

Sample: 357767-003 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 01/19/10 03:37

SURROGATE RECOVERY STUDY

TPH By SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	78.3	100	78	70-135	
o-Terphenyl	44.3	50.1	88	70-135	

Lab Batch #: 789847

Sample: 357767-003 S / MS

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 01/19/10 07:40

SURROGATE RECOVERY STUDY

TPH By SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	91.5	99.6	92	70-135	
o-Terphenyl	40.9	49.8	82	70-135	

Lab Batch #: 789847

Sample: 357767-003 SD / MSD

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 01/19/10 08:07

SURROGATE RECOVERY STUDY

TPH By SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	90.8	99.5	91	70-135	
o-Terphenyl	40.6	49.8	82	70-135	

* Surrogate outside of Laboratory QC limits
 ** Surrogates outside limits; data and surrogates confirmed by reanalysis
 *** Poor recoveries due to dilution
 Surrogate Recovery [D] = 100 * A / B
 All results are based on MDL and validated for QC purposes



Blank Spike Recovery



Project Name: Targa South Compressor St.

Work Order #: 357767

Project ID:

9-0120

Lab Batch #: 788581

Sample: 788581-1-BKS

Matrix: Solid

Date Analyzed: 01/07/2010

Date Prepared: 01/07/2010

Analyst: LATCOR

Reporting Units: mg/kg

Batch #: 1

BLANK /BLANK SPIKE RECOVERY STUDY

Anions by E300 Analytes	Blank Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Control Limits %R	Flags
Chloride	ND	100	109	109	75-125	

Blank Spike Recovery [D] = 100*[C]/[B]

All results are based on MDL and validated for QC purposes

BRL - Below Reporting Limit



BS / BSD Recoveries



Project Name: Targa South Compressor St.

Work Order #: 357767

Analyst: ASA

Date Prepared: 01/07/2010

Project ID: 9-0120

Date Analyzed: 01/08/2010

Lab Batch ID: 788827

Sample: 547316-1-BKS

Batch #: 1

Matrix: Solid

Units: mg/kg

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

BTEX by EPA 8021B	Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Spike Added [E]	Blank Spike Duplicate Result [F]	Blk. Spk Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Analyses											
Benzene	ND	0 1000	0 0939	94	0 1	0 0928	93	1	70-130	35	
Toluene	ND	0 1000	0 0951	95	0 1	0 0944	94	1	70-130	35	
Ethylbenzene	ND	0 1000	0 0939	94	0 1	0 0938	94	0	71-129	35	
m,p-Xylenes	ND	0 2000	0 1910	96	0 2	0 1913	96	0	70-135	35	
o-Xylene	ND	0 1000	0 1006	101	0 1	0 1011	101	0	71-133	35	

Analyst: ASA

Date Prepared: 01/11/2010

Date Analyzed: 01/11/2010

Lab Batch ID: 788887

Sample: 547343-1-BKS

Batch #: 1

Matrix: Solid

Units: mg/kg

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

BTEX by EPA 8021B	Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Spike Added [E]	Blank Spike Duplicate Result [F]	Blk. Spk Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Analyses											
Benzene	ND	0 1000	0 1146	115	0 1	0 1142	114	0	70-130	35	
Toluene	ND	0 1000	0 1159	116	0 1	0 1161	116	0	70-130	35	
Ethylbenzene	ND	0 1000	0 1160	116	0 1	0 1170	117	1	71-129	35	
m,p-Xylenes	ND	0 2000	0 2397	120	0 2	0 2413	121	1	70-135	35	
o-Xylene	ND	0 1000	0 1231	123	0 1	0 1241	124	1	71-133	35	

Relative Percent Difference RPD = 200*(C-F)/(C+F)

Blank Spike Recovery [D] = 100*(C)/[B]

Blank Spike Duplicate Recovery [G] = 100*(F)/[E]

All results are based on MDL and Validated for QC Purposes



BS / BSD Recoveries



Project Name: Targa South Compressor St.

Work Order #: 357767

Analyst: ASA

Date Prepared: 01/12/2010

Project ID: 9-0120

Date Analyzed: 01/12/2010

Lab Batch ID: 789136

Sample: 547471-1-BKS

Batch #: 1

Matrix: Solid

Units: mg/kg

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

BTEX by EPA 8021B	Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Spike Added [E]	Blank Spike Duplicate Result [F]	Blk. Spk Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Analytes											
Benzene	ND	0 1000	0 1079	108	0 1	0 1141	114	6	70-130	35	
Toluene	ND	0 1000	0 1110	111	0 1	0 1164	116	5	70-130	35	
Ethylbenzene	ND	0 1000	0 1109	111	0 1	0 1167	117	5	71-129	35	
m,p-Xylenes	ND	0 2000	0 2279	114	0 2	0 2401	120	5	70-135	35	
o-Xylene	ND	0 1000	0 1175	118	0 1	0 1236	124	5	71-133	35	

Analyst: ASA

Date Prepared: 01/12/2010

Date Analyzed: 01/12/2010

Lab Batch ID: 789002

Sample: 789002-1-BKS

Batch #: 1

Matrix: Solid

Units: mg/kg

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

TPH by EPA 418.1	Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Spike Added [E]	Blank Spike Duplicate Result [F]	Blk. Spk Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Analytes											
TPH, Total Petroleum Hydrocarbons	ND	2500	2620	105	2500	2650	106	1	65-135	35	

Relative Percent Difference RPD = 200*(C-F)/(C+F)

Blank Spike Recovery [D] = 100*(C)/[B]

Blank Spike Duplicate Recovery [G] = 100*(F)/[E]

All results are based on MDL and Validated for QC Purposes



BS / BSD Recoveries



Project Name: Targa South Compressor St.

Work Order #: 357767

Analyst: BEV

Date Prepared: 01/18/2010

Project ID: 9-0120

Date Analyzed: 01/19/2010

Lab Batch ID: 789847

Sample: 547892-1-BKS

Batch #: 1

Matrix: Solid

Units: mg/kg

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

TPH By SW8015 Mod	Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Spike Added [E]	Blank Spike Duplicate Result [F]	Blk. Spk Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Analytes											
C6-C12 Gasoline Range Hydrocarbons	ND	1010	848	84	995	976	98	14	70-135	35	
C12-C28 Diesel Range Hydrocarbons	ND	1010	797	79	995	785	79	2	70-135	35	

Relative Percent Difference RPD = $200 * (C-F) / (C+F)$

Blank Spike Recovery [D] = $100 * (C) / [B]$

Blank Spike Duplicate Recovery [G] = $100 * (F) / [E]$

All results are based on MDL and Validated for QC Purposes



Form 3 - MS Recoveries



Project Name: Targa South Compressor St.

Work Order #: 357767

Lab Batch #: 788581

Project ID: 9-0120

Date Analyzed: 01/07/2010

Date Prepared: 01/07/2010

Analyst: LATCOR

QC- Sample ID: 357700-001 S

Batch #: 1

Matrix: Soil

Reporting Units: mg/kg

MATRIX / MATRIX SPIKE RECOVERY STUDY

Inorganic Anions by EPA 300	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	%R [D]	Control Limits %R	Flag
Analytes						
Chloride	100	116	231	113	75-125	

Matrix Spike Percent Recovery [D] = $100 \cdot (C-A)/B$
 Relative Percent Difference [E] = $200 \cdot (C-A)/(C+B)$
 All Results are based on MDL and Validated for QC Purposes

BRL - Below Reporting Limit



Form 3 - MS / MSD Recoveries



Project Name: Targa South Compressor St.

Work Order #: 357767

Project ID: 9-0120

Lab Batch ID: 788827

QC- Sample ID: 357767-004 S

Batch #: 1 Matrix: Soil

Date Analyzed: 01/09/2010

Date Prepared: 01/07/2010

Analyst: ASA

Reporting Units: mg/kg

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Spike Added [E]	Duplicate Spiked Sample Result [F]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Benzene	ND	0 1237	0 0161	13	0 1232	0 0181	15	12	70-130	35	X
Toluene	ND	0 1237	0 0104	8	0 1232	0 0131	11	23	70-130	35	X
Ethylbenzene	ND	0 1237	0 0139	11	0 1232	0 0160	13	14	71-129	35	X
m,p-Xylenes	ND	0 2474	0 0284	11	0 2464	0 0313	13	10	70-135	35	X
o-Xylene	ND	0 1237	0 0162	13	0 1232	0 0183	15	12	71-133	35	X

Lab Batch ID: 788887

QC- Sample ID: 358110-001 S

Batch #: 1 Matrix: Soil

Date Analyzed: 01/11/2010

Date Prepared: 01/11/2010

Analyst: ASA

Reporting Units: mg/kg

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Spike Added [E]	Duplicate Spiked Sample Result [F]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Benzene	ND	0 1039	0 0892	86	0 1045	0 0899	86	1	70-130	35	
Toluene	ND	0 1039	0 0969	93	0 1045	0 0945	90	3	70-130	35	
Ethylbenzene	ND	0 1039	0 0765	74	0 1045	0 0797	76	4	71-129	35	
m,p-Xylenes	ND	0 2078	0 1577	76	0 2091	0 1636	78	4	70-135	35	
o-Xylene	ND	0 1039	0 0802	77	0 1045	0 0831	80	4	71-133	35	

Matrix Spike Percent Recovery [D] = 100*(C-A)/B
Relative Percent Difference RPD = 200*((C-F)/(C+F))

Matrix Spike Duplicate Percent Recovery [G] = 100*(F-A)/E

ND = Not Detected, J = Present Below Reporting Limit, B = Present in Blank, NR = Not Requested, I = Interference, NA = Not Applicable
N = See Narrative, EQL = Estimated Quantitation Limit



Form 3 - MS / MSD Recoveries



Project Name: Targa South Compressor St.

Work Order #: 357767

Project ID: 9-0120

Lab Batch ID: 789002

QC- Sample ID: 357767-001 S

Batch #: 1 Matrix: Soil

Date Analyzed: 01/12/2010

Date Prepared: 01/12/2010

Analyst: ASA

Reporting Units: mg/kg

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY

TPH by EPA 418.1 Analytes	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Spike Added [E]	Duplicate Spiked Sample Result [F]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
TPH, Total Petroleum Hydrocarbons	2000	2860	4580	90	2860	4360	83	5	65-135	35	

Lab Batch ID: 789847

QC- Sample ID: 357767-003 S

Batch #: 1 Matrix: Soil

Date Analyzed: 01/19/2010

Date Prepared: 01/18/2010

Analyst: BEV

Reporting Units: mg/kg

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY

TPH By SW8015 Mod Analytes	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Spike Added [E]	Duplicate Spiked Sample Result [F]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
C6-C12 Gasoline Range Hydrocarbons	ND	1210	1030	85	1210	1020	84	1	70-135	35	
C12-C28 Diesel Range Hydrocarbons	31.4	1210	989	79	1210	902	72	9	70-135	35	

Matrix Spike Percent Recovery [D] = 100*(C-A)/B
Relative Percent Difference RPD = 200*|(C-F)/(C+F)|

Matrix Spike Duplicate Percent Recovery [G] = 100*(F-A)/E

ND = Not Detected, J = Present Below Reporting Limit, B = Present in Blank, NR = Not Requested, I = Interference, NA = Not Applicable
N = See Narrative, EQL = Estimated Quantitation Limit



Sample Duplicate Recovery



Project Name: Targa South Compressor St.

Work Order #: 357767

Lab Batch #: 788581

Project ID: 9-0120

Date Analyzed: 01/07/2010

Date Prepared: 01/07/2010

Analyst: LATCOR

QC- Sample ID: 357700-001 D

Batch #: 1

Matrix: Soil

Reporting Units: mg/kg

SAMPLE / SAMPLE DUPLICATE RECOVERY					
Anions by E300	Parent Sample Result [A]	Sample Duplicate Result [B]	RPD	Control Limits %RPD	Flag
Analyte					
Chloride	100	98.2	2	20	

Lab Batch #: 789136

Date Analyzed: 01/12/2010

Date Prepared: 01/12/2010

Analyst: ASA

QC- Sample ID: 357767-001 D

Batch #: 1

Matrix: Soil

Reporting Units: mg/kg

SAMPLE / SAMPLE DUPLICATE RECOVERY					
BTEX by EPA 8021B	Parent Sample Result [A]	Sample Duplicate Result [B]	RPD	Control Limits %RPD	Flag
Analyte					
Benzene	ND	ND	NC	35	
Toluene	ND	0.0515	NC	35	
Ethylbenzene	2.393	2.668	11	35	
m,p-Xylenes	0.3828	0.5353	33	35	
o-Xylene	0.5349	0.6773	23	35	

Lab Batch #: 788572

Date Analyzed: 01/07/2010

Date Prepared: 01/07/2010

Analyst: JLG

QC- Sample ID: 357767-001 D

Batch #: 1

Matrix: Soil

Reporting Units: %

SAMPLE / SAMPLE DUPLICATE RECOVERY					
Percent Moisture	Parent Sample Result [A]	Sample Duplicate Result [B]	RPD	Control Limits %RPD	Flag
Analyte					
Percent Moisture	12.7	12.7	0	20	

Spike Relative Difference $RPD = 200 * |(B-A)/(B+A)|$
 All Results are based on MDL and validated for QC purposes.
 BRL - Below Reporting Limit

Environmental Lab of Texas

Variance/ Corrective Action Report- Sample Log-In

Client: Larson & Assoc.
 Date/ Time: 1.6.10 17:00
 Lab ID #: 357767
 Initials: BB/AL

Sample Receipt Checklist

Client Initials

#	Question	Yes	No	Notes	Client Initials
#1	Temperature of container/ cooler?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	5. °C	
#2	Shipping container in good condition?	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
#3	Custody Seals intact on shipping container/ cooler?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Not Present	
#4	Custody Seals intact on sample bottles/ container?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Not Present	
#5	Chain of Custody present?	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
#6	Sample instructions complete of Chain of Custody?	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
#7	Chain of Custody signed when relinquished/ received?	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
#8	Chain of Custody agrees with sample label(s)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	ID written on Cont/ Lid	
#9	Container label(s) legible and intact?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Not Applicable	
#10	Sample matrix/ properties agree with Chain of Custody?	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
#11	Containers supplied by ELOT?	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
#12	Samples in proper container/ bottle?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	See Below	
#13	Samples properly preserved?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	See Below	
#14	Sample bottles intact?	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
#15	Preservations documented on Chain of Custody?	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
#16	Containers documented on Chain of Custody?	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
#17	Sufficient sample amount for indicated test(s)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	See Below	
#18	All samples received within sufficient hold time?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	See Below	
#19	Subcontract of sample(s)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Not Applicable	
#20	VOC samples have zero headspace?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Not Applicable	

Variance Documentation

Contact: _____ Contacted by: _____ Date/ Time: _____

Regarding: _____

Corrective Action Taken: _____

Check all that Apply:

- See attached e-mail/ fax
- Client understands and would like to proceed with analysis
- Cooling process had begun shortly after sampling event

Jeanne Fitch

From: Michelle Green [michelle@laenvironmental.com]
Sent: Thursday, January 07, 2010 2:54 PM
To: Jeanne Fitch
Subject: RE: Please confirm sample validations WO#357767 & 357768

Hello Jeanne,

Can you please place the GRO & DRO analyses for work order 357767 on hold. I would like to have the TPH analysis by 418.1 first.

Thank you,

Michelle

From: Jeanne Fitch [mailto:jeanne.fitch@xenco.com]
Sent: Thursday, January 07, 2010 1:09 PM
To: Michelle Green
Subject: Re: Please confirm sample validations WO#357767 & 357768

Thank You,

Jeanne Fitch

Environmental Lab of Texas
a Xenco Company
12600 West I-20 East
Odessa, TX 79765
(432) 563-1800 ext. 1701

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1/7/2010

Jeanne Fitch

From: Michelle Green [michelle@environmental.com]
Sent: Tuesday, January 12, 2010 4:57 PM
To: Jeanne Fitch
Subject: RE: PARTIAL WO#357767 (TPH 418 only) Targa South Compressor St
Please analyze samples Engine 30 (South) Bottom and Engine 31 (North) Bottom for GRO & DRO by method 8015M.

Thank you,
Michelle

From: Jeanne Fitch [mailto:jeanne.fitch@xenco.com]
Sent: Tuesday, January 12, 2010 3:01 PM
To: Michelle Green
Subject: Re: PARTIAL WO#357767 (TPH 418 only) Targa South Compressor St.

Hello Michelle,

I have attached a partial report for TPH 418 only. Please let me know if you would like to run TPH SW8015M as well. Everything else is complete. We are just waiting on QC to finish for the BTEX run later today.

Thank You,
Jeanne Fitch

*Environmental Lab of Texas
a Xenco Company
12600 West I-20 East
Odessa, TX 79765
(432) 563-1800 ext. 1701*

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1/12/2010

Analytical Report 370332

for

Larson & Associates

Project Manager: Michelle Green

Eunice South Compressor Station

9-0120

30-APR-10



12600 West I-20 East Odessa, Texas 79765

Xenco-Houston (EPA Lab code: TX00122):

Texas (T104704215-TX), Arizona (AZ0738), Arkansas (08-039-0), Connecticut (PH-0102), Florida (E871002)
Illinois (002082), Indiana (C-TX-02), Iowa (392), Kansas (E-10380), Kentucky (45), Louisiana (03054)
New Hampshire (297408), New Jersey (TX007), New York (11763), Oklahoma (9218), Pennsylvania (68-03610)
Rhode Island (LAO00312), USDA (S-44102)

Xenco-Atlanta (EPA Lab Code: GA00046):

Florida (E87429), North Carolina (483), South Carolina (98015), Utah (AAL11), West Virginia (362), Kentucky (85)
Louisiana (04176), USDA (P330-07-00105)

Xenco-Miami (EPA Lab code: FL01152): Florida (E86678), Maryland (330)

Xenco-Tampa Mobile (EPA Lab code: FL01212): Florida (E84900)

Xenco-Odessa (EPA Lab code: TX00158): Texas (T104704400-TX)

Xenco-Dallas (EPA Lab code: TX01468): Texas (T104704295-TX)

Xenco-Corpus Christi (EPA Lab code: TX02613): Texas (T104704370)

Xenco-Boca Raton (EPA Lab Code: FL00449):

Florida(E86240),South Carolina(96031001), Louisiana(04154), Georgia(917)

North Carolina(444), Texas(T104704468-TX), Illinois(002295)



30-APR-10

Project Manager: **Michelle Green**
Larson & Associates
P.O. Box 50685
Midland, TX 79710

Reference: XENCO Report No: **370332**
Eunice South Compressor Station
Project Address:

Michelle Green:

We are reporting to you the results of the analyses performed on the samples received under the project name referenced above and identified with the XENCO Report Number 370332. All results being reported under this Report Number apply to the samples analyzed and properly identified with a Laboratory ID number. Subcontracted analyses are identified in this report with either the NELAC certification number of the subcontract lab in the analyst ID field, or the complete subcontracted report attached to this report.

Unless otherwise noted in a Case Narrative, all data reported in this Analytical Report are in compliance with NELAC standards. Estimation of data uncertainty for this report is found in the quality control section of this report unless otherwise noted. Should insufficient sample be provided to the laboratory to meet the method and NELAC Matrix Duplicate and Matrix Spike requirements, then the data will be analyzed, evaluated and reported using all other available quality control measures.

The validity and integrity of this report will remain intact as long as it is accompanied by this letter and reproduced in full, unless written approval is granted by XENCO Laboratories. This report will be filed for at least 5 years in our archives after which time it will be destroyed without further notice, unless otherwise arranged with you. The samples received, and described as recorded in Report No. 370332 will be filed for 60 days, and after that time they will be properly disposed without further notice, unless otherwise arranged with you. We reserve the right to return to you any unused samples, extracts or solutions related to them if we consider so necessary (e.g., samples identified as hazardous waste, sample sizes exceeding analytical standard practices, controlled substances under regulated protocols, etc).

We thank you for selecting XENCO Laboratories to serve your analytical needs. If you have any questions concerning this report, please feel free to contact us at any time.

Respectfully,

Brent Barron, II

Odessa Laboratory Manager

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Sample Cross Reference 370332



Larson & Associates, Midland, TX
Eunice South Compressor Station

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
SS-1A	S	Apr-23-10 13:25		370332-001
NS-5A	S	Apr-23-10 13:30		370332-002



CASE NARRATIVE

Client Name: Larson & Associates

Project Name: Eunice South Compressor Station

Project ID: 9-0120
Work Order Number: 370332

Report Date: 30-APR-10
Date Received: 04/23/2010

Sample receipt non conformances and Comments:

None

Sample receipt Non Conformances and Comments per Sample:

None

Analytical Non Conformances and Comments:

Batch: LBA-804004 Percent Moisture
None

Batch: LBA-804310 TPH By SW8015 Mod
None

Batch: LBA-804649 TPH by EPA 418.1
None



Certificate of Analysis Summary 370332

Larson & Associates, Midland, TX

Project Name: Eunice South Compressor Station

Project Id: 9-0120

Contact: Michelle Green

Date Received in Lab: Fri Apr-23-10 04:23 pm

Report Date: 30-APR-10

Project Manager: Brent Barron, II

Project Location:

<i>Analysis Requested</i>	<i>Lab Id:</i>	370332-001	370332-002			
	<i>Field Id:</i>	SS-1A	NS-5A			
	<i>Depth:</i>					
	<i>Matrix:</i>	SOIL	SOIL			
	<i>Sampled:</i>	Apr-23-10 13 25	Apr-23-10 13 30			
Percent Moisture	<i>Extracted:</i>					
	<i>Analyzed:</i>	Apr-23-10 17 00	Apr-23-10 17 00			
	<i>Units/RL:</i>	% RL	% RL			
Percent Moisture		3 32 1 00	5 47 1 00			
TPH By SW8015 Mod	<i>Extracted:</i>	Apr-27-10 10 45	Apr-27-10 10 45			
	<i>Analyzed:</i>	Apr-27-10 14 34	Apr-27-10 15 00			
	<i>Units/RL:</i>	mg/kg RL	mg/kg RL			
C6-C12 Gasoline Range Hydrocarbons		19700 77 6	82 8 79 3			
C12-C28 Diesel Range Hydrocarbons		8710 77 6	2230 79 3			
C28-C35 Oil Range Hydrocarbons		1050 77 6	1440 79 3			
Total TPH		29460 77 6	3753 79 3			
TPH by EPA 418.1	<i>Extracted:</i>					
	<i>Analyzed:</i>	Apr-30-10 08 10	Apr-30-10 08 10			
	<i>Units/RL:</i>	mg/kg RL	mg/kg RL			
TPH, Total Petroleum Hydrocarbons		80100 103	10600 10 6			

This analytical report, and the entire data package it represents, has been made for your exclusive and confidential use. The interpretations and results expressed throughout this analytical report represent the best judgment of XENCO Laboratories. XENCO Laboratories assumes no responsibility and makes no warranty to the end use of the data hereby presented. Our liability is limited to the amount invoiced for this work order unless otherwise agreed to in writing.

Houston - Dallas - San Antonio - Atlanta - Tampa - Boca Raton - Latin America - Odessa - Corpus Christi


 Brent Barron, II
 Odessa Laboratory Manager



Flagging Criteria

- X In our quality control review of the data a QC deficiency was observed and flagged as noted. MS/MSD recoveries were found to be outside of the laboratory control limits due to possible matrix /chemical interference, or a concentration of target analyte high enough to effect the recovery of the spike concentration. This condition could also effect the relative percent difference in the MS/MSD.
- B A target analyte or common laboratory contaminant was identified in the method blank. Its presence indicates possible field or laboratory contamination.
- D The sample(s) were diluted due to targets detected over the highest point of the calibration curve, or due to matrix interference. Dilution factors are included in the final results. The result is from a diluted sample.
- E The data exceeds the upper calibration limit; therefore, the concentration is reported as estimated.
- F RPD exceeded lab control limits.
- J The target analyte was positively identified below the MQL and above the SQL.
- U Analyte was not detected.
- L The LCS data for this analytical batch was reported below the laboratory control limits for this analyte. The department supervisor and QA Director reviewed data. The samples were either reanalyzed or flagged as estimated concentrations.
- H The LCS data for this analytical batch was reported above the laboratory control limits. Supporting QC Data were reviewed by the Department Supervisor and QA Director. Data were determined to be valid for reporting.
- K Sample analyzed outside of recommended hold time.
- JN A combination of the "N" and the "J" qualifier. The analysis indicates that the analyte is "tentatively identified" and the associated numerical value may not be consistent with the amount actually present in the environmental sample.

BRL Below Reporting Limit.

RL Reporting Limit

* Outside XENCO's scope of NELAC Accreditation.

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(210) 509-3334	(210) 509-3335
(813) 620-2000	(813) 620-2033
(305) 823-8500	(305) 823-8555
(432) 563-1800	(432) 563-1713
(361) 884-0371	(361) 884-9116



Form 2 - Surrogate Recoveries

Project Name: Eunice South Compressor Station

Work Orders : 370332,

Project ID: 9-0120

Lab Batch #: 804310

Sample: 561876-1-BKS / BKS

Batch: 1 Matrix: Solid

Units: mg/kg

Date Analyzed: 04/27/10 13:13

SURROGATE RECOVERY STUDY

TPH By SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	114	99.5	115	70-135	
o-Terphenyl	42.4	49.8	85	70-135	

Lab Batch #: 804310

Sample: 561876-1-BSD / BSD

Batch: 1 Matrix: Solid

Units: mg/kg

Date Analyzed: 04/27/10 13:40

SURROGATE RECOVERY STUDY

TPH By SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	114	99.7	114	70-135	
o-Terphenyl	42.4	49.9	85	70-135	

Lab Batch #: 804310

Sample: 561876-1-BLK / BLK

Batch: 1 Matrix: Solid

Units: mg/kg

Date Analyzed: 04/27/10 14:07

SURROGATE RECOVERY STUDY

TPH By SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	101	100	101	70-135	
o-Terphenyl	46.0	50.1	92	70-135	

Lab Batch #: 804310

Sample: 370332-001 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 04/27/10 14:34

SURROGATE RECOVERY STUDY

TPH By SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	111	100	111	70-135	
o-Terphenyl	46.8	50.0	94	70-135	

Lab Batch #: 804310

Sample: 370332-002 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 04/27/10 15:00

SURROGATE RECOVERY STUDY

TPH By SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	93.0	99.9	93	70-135	
o-Terphenyl	44.6	50.0	89	70-135	

* Surrogate outside of Laboratory QC limits

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.



Form 2 - Surrogate Recoveries

Project Name: Eunice South Compressor Station

Work Orders : 370332,

Project ID: 9-0120

Lab Batch #: 804310

Sample: 370440-003 S / MS

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 04/27/10 23:33

SURROGATE RECOVERY STUDY

TPH By SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	119	99.5	120	70-135	
o-Terphenyl	44.0	49.8	88	70-135	

Lab Batch #: 804310

Sample: 370440-003 SD / MSD

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 04/28/10 00:00

SURROGATE RECOVERY STUDY

TPH By SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	114	99.6	114	70-135	
o-Terphenyl	41.9	49.8	84	70-135	

* Surrogate outside of Laboratory QC limits

** Surrogates outside limits, data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes



BS / BSD Recoveries



Project Name: Eunice South Compressor Station

Work Order #: 370332

Project ID: 9-0120

Analyst: LATCOR

Date Prepared: 04/30/2010

Date Analyzed: 04/30/2010

Lab Batch ID: 804649

Sample: 804649-1-BKS

Batch #: 1

Matrix: Solid

Units: mg/kg

BLANK / BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

TPH by EPA 418.1	Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Spike Added [E]	Blank Spike Duplicate Result [F]	Blk. Spk Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Analytes											
TPH, Total Petroleum Hydrocarbons	ND	2500	2340	94	2500	2360	94	1	65-135	35	

Analyst: BEV

Date Prepared: 04/27/2010

Date Analyzed: 04/27/2010

Lab Batch ID: 804310

Sample: 561876-1-BKS

Batch #: 1

Matrix: Solid

Units: mg/kg

BLANK / BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

TPH By SW8015 Mod	Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Spike Added [E]	Blank Spike Duplicate Result [F]	Blk. Spk Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Analytes											
C6-C12 Gasoline Range Hydrocarbons	ND	995	1090	110	997	1070	107	2	70-135	35	
C12-C28 Diesel Range Hydrocarbons	ND	995	812	82	997	960	96	17	70-135	35	

Relative Percent Difference RPD = $200 * [(C-F)/(C+F)]$

Blank Spike Recovery [D] = $100 * (C)/[B]$

Blank Spike Duplicate Recovery [G] = $100 * (F)/[E]$

All results are based on MDL and Validated for QC Purposes



Form 3 - MS / MSD Recoveries



Project Name: Eunice South Compressor Station

Work Order #: 370332

Project ID: 9-0120

Lab Batch ID: 804310

QC- Sample ID: 370440-003 S

Batch #: 1 Matrix: Soil

Date Analyzed: 04/27/2010

Date Prepared: 04/27/2010

Analyst: BEV

Reporting Units: mg/kg

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY

TPH By SW8015 Mod Analytes	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Spike Added [E]	Duplicate Spiked Sample Result [F]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
C6-C12 Gasoline Range Hydrocarbons	44.5	1090	1220	108	1090	1160	102	5	70-135	35	
C12-C28 Diesel Range Hydrocarbons	39.7	1090	887	78	1090	998	88	12	70-135	35	

Matrix Spike Percent Recovery [D] = 100*(C-A)/B
Relative Percent Difference RPD = 200*|(C-F)/(C+F)|

Matrix Spike Duplicate Percent Recovery [G] = 100*(F-A)/E

ND = Not Detected, J = Present Below Reporting Limit, B = Present in Blank, NR = Not Requested, I = Interference, NA = Not Applicable, N = See Narrative, EQL = Estimated Quantitation Limit



Sample Duplicate Recovery

Project Name: Eunice South Compressor Station

Work Order #: 370332

Lab Batch #: 804649

Project ID: 9-0120

Date Analyzed: 04/30/2010

Date Prepared: 04/30/2010

Analyst: LATCOR

QC- Sample ID: 370332-001 D

Batch #: 1

Matrix: Soil

Reporting Units: mg/kg

SAMPLE / SAMPLE DUPLICATE RECOVERY

TPH by EPA 418.1 Analyte	Parent Sample Result [A]	Sample Duplicate Result [B]	RPD	Control Limits %RPD	Flag
TPH, Total Petroleum Hydrocarbons	80100	79700	1	35	

Spike Relative Difference RPD $200 * |(B-A)/(B+A)|$
 All Results are based on MDL and validated for QC purposes
 BRL - Below Reporting Limit

CHAIN-OF-CUSTODY

Larson & Associates, Inc.
Environmental Consultants

507 N. Marienfeld, Ste. 200
Midland, TX 79701
432-687-0901

DATE: 4-23-2010 PAGE 1 OF 1
PO #: _____ LAB WORK ORDER #: _____
PROJECT LOCATION OR NAME: Eunice South Compressor Station
LAI PROJECT #: 2-518-9-0120 COLLECTOR: D. Mcbinis

Data Reported to: M. Green

TRRP report? <input type="checkbox"/> Yes <input type="checkbox"/> No	S=SOIL W=WATER A=AIR		P=PAINT SL=SLUDGE OT=OTHER		# of Containers	PRESERVATION					ANALYSES															FIELD NOTES											
	TIME ZONE: Time zone/State: <u>MST</u>		370332			HCl	HNO ₃	H ₂ SO ₄ <input type="checkbox"/> NaOH <input type="checkbox"/>	ICE	UNPRESERVED	BTEX <input type="checkbox"/> MTBE <input type="checkbox"/>	TPH 418-1 <input type="checkbox"/>	GASOLINE MOD 8015 <input type="checkbox"/>	DIESEL - MOD 8015 <input type="checkbox"/>	VOC 8280 <input type="checkbox"/>	SVOC 8270 <input type="checkbox"/>	8081 PESTICIDES <input type="checkbox"/>	8082 PCBs <input type="checkbox"/>	TPH 8270 <input type="checkbox"/>	PAH 8270 <input type="checkbox"/>	HOLDPAH <input type="checkbox"/>	B151 HERBICIDES <input type="checkbox"/>	TCLP - METALS (RCRA) <input type="checkbox"/>	TCLP - METALS (RCRA) <input type="checkbox"/>	LEAD - TOTAL <input type="checkbox"/> HERB <input type="checkbox"/>		RC1 <input type="checkbox"/>	TDS <input type="checkbox"/> TOX <input type="checkbox"/> D.W. 200.8 <input type="checkbox"/>	PH <input type="checkbox"/>	FLASHPOINT <input type="checkbox"/>	EXPLOSIVES <input type="checkbox"/> % MOISTURE <input type="checkbox"/>	HEXAVALENT CHROMIUM <input type="checkbox"/>	CYANIDE <input type="checkbox"/>	PELCHLORATE <input type="checkbox"/>	ANIONS <input type="checkbox"/>	ALKALINITY <input type="checkbox"/>	
Field Sample I.D.	Lab #	Date	Time	Matrix																																	
SS-1A	01	4-23	1325	S	1				<input checked="" type="checkbox"/>																												
NS-5A	02	4-23	1330	S	1				<input checked="" type="checkbox"/>																												

TOTAL							
RELINQUISHED BY: (Signature) <u>[Signature]</u>	DATE/TIME <u>4-23/1623</u>	RECEIVED BY: (Signature) <u>[Signature]</u>					
RELINQUISHED BY: (Signature)	DATE/TIME	RECEIVED BY: (Signature)					
RELINQUISHED BY: (Signature)	DATE/TIME	RECEIVED BY: (Signature)					

TURN AROUND TIME

NORMAL

1 DAY

2 DAY

OTHER

LABORATORY USE ONLY:

RECEIVING TEMP: 5.1 THERM #: 17

CUSTODY SEALS - BROKEN INTACT NOT USED

CARRIER BILL # _____

HAND DELIVERED

Environmental Lab of Texas

Variance/ Corrective Action Report- Sample Log-In

Client: Larson & Assoc.
 Date/ Time: 4.23.10 16:23
 Lab ID #: 370332
 Initials: AL

Sample Receipt Checklist

				Client Initials
#1 Temperature of container/ cooler?	(Yes)	No	5.1 °C	
#2 Shipping container in good condition?	(Yes)	No		
#3 Custody Seals intact on shipping container/ cooler?	Yes	No	(Not Present)	
#4 Custody Seals intact on sample bottles/ container?	Yes	No	(Not Present)	
#5 Chain of Custody present?	(Yes)	No		
#6 Sample instructions complete of Chain of Custody?	(Yes)	No		
#7 Chain of Custody signed when relinquished/ received?	(Yes)	No		
#8 Chain of Custody agrees with sample label(s)?	(Yes)	No	ID written on Cont./ Lid	
#9 Container label(s) legible and intact?	(Yes)	No	Not Applicable	
#10 Sample matrix/ properties agree with Chain of Custody?	(Yes)	No		
#11 Containers supplied by ELOT?	(Yes)	No		
#12 Samples in proper container/ bottle?	(Yes)	No	See Below	
#13 Samples properly preserved?	(Yes)	No	See Below	
#14 Sample bottles intact?	(Yes)	No		
#15 Preservations documented on Chain of Custody?	(Yes)	No		
#16 Containers documented on Chain of Custody?	(Yes)	No		
#17 Sufficient sample amount for indicated test(s)?	(Yes)	No	See Below	
#18 All samples received within sufficient hold time?	(Yes)	No	See Below	
#19 Subcontract of sample(s)?	Yes	No	(Not Applicable)	
#20 VOC samples have zero headspace?	(Yes)	No	Not Applicable	

Variance Documentation

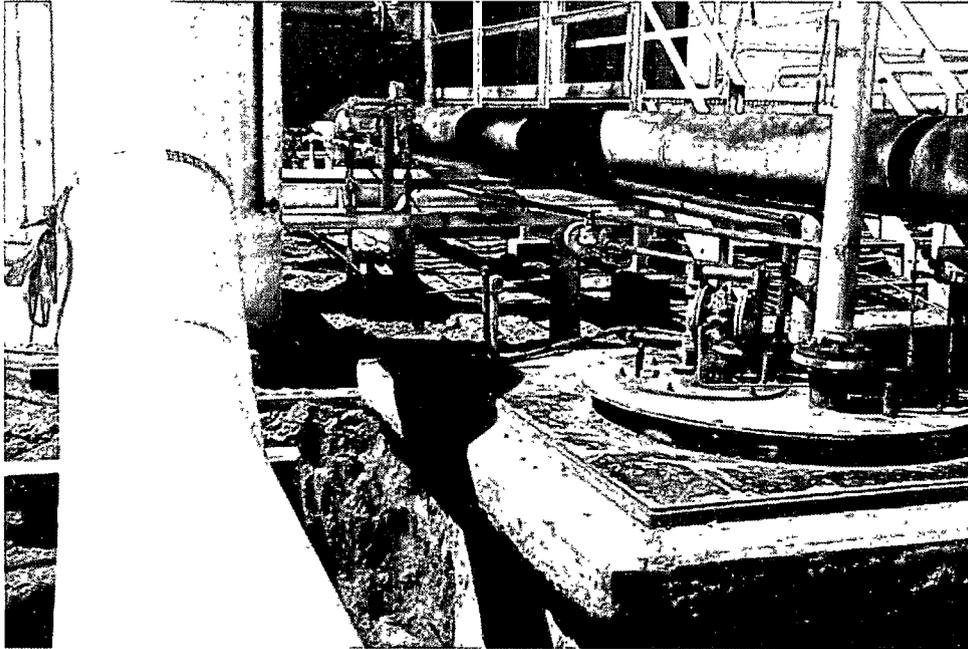
Contact: _____ Contacted by: _____ Date/ Time: _____

Regarding: _____

Corrective Action Taken: _____

- Check all that Apply:
- See attached e-mail/ fax
 - Client understands and would like to proceed with analysis
 - Cooling process had begun shortly after sampling event

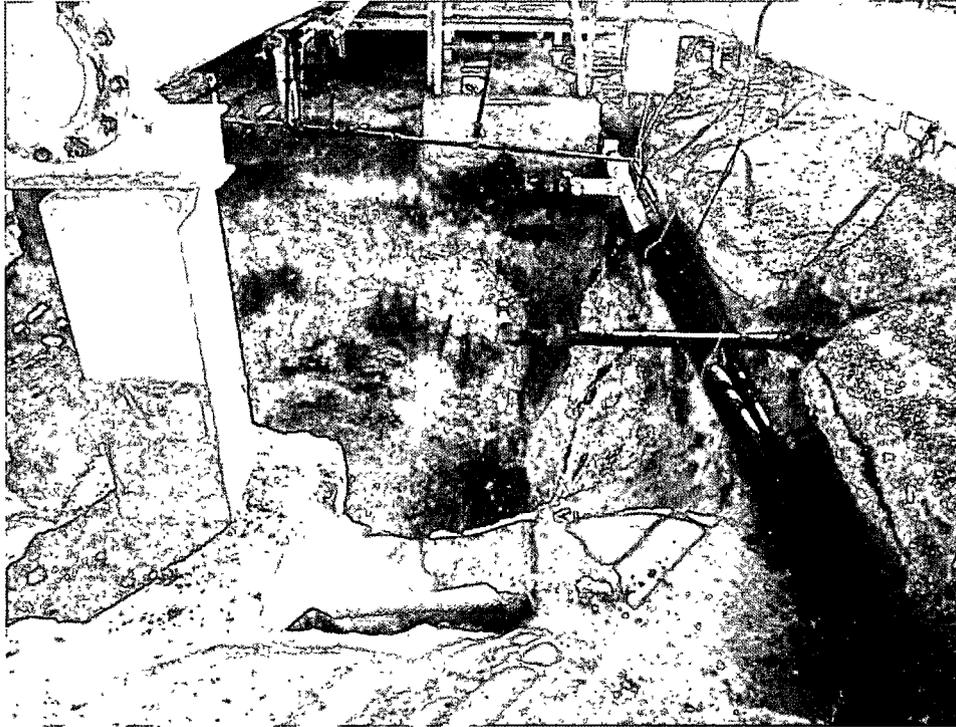
Engine #30 (South) Sump



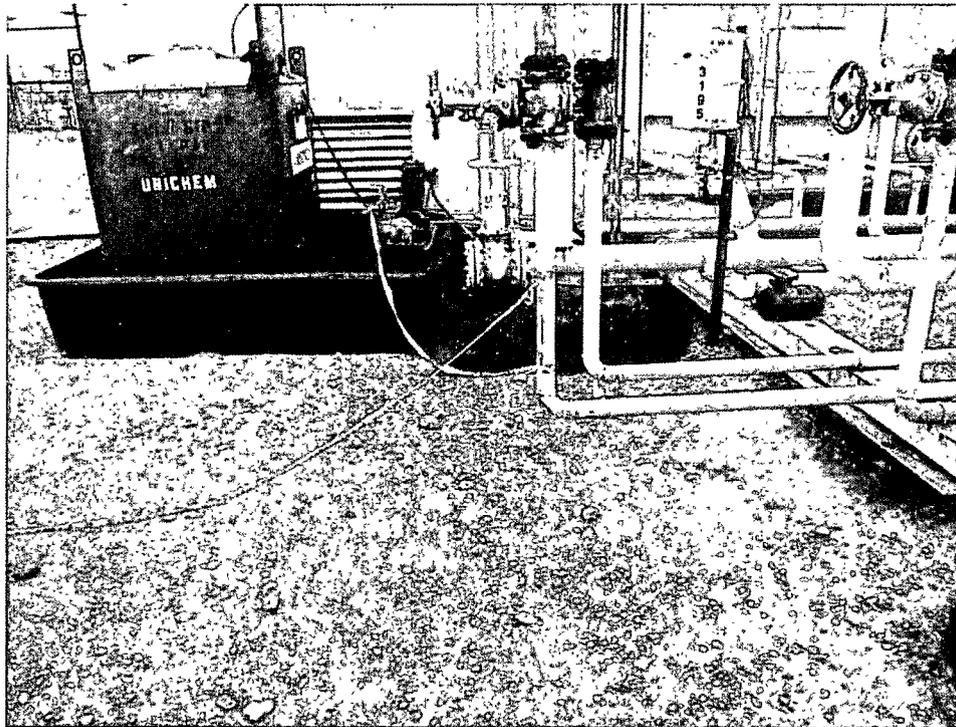
Engine #30 (South) Sump Prior to Removal Looking Southwest



Engine #30 (South) Sump Following Removal Looking West

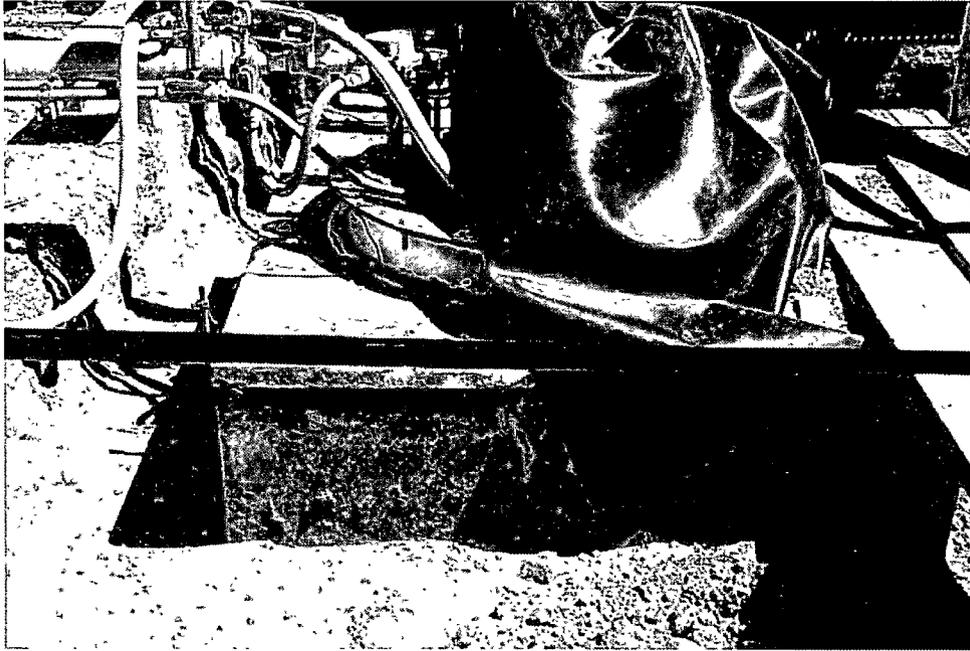


Engine #30 (South) Sump Following Removal Looking South

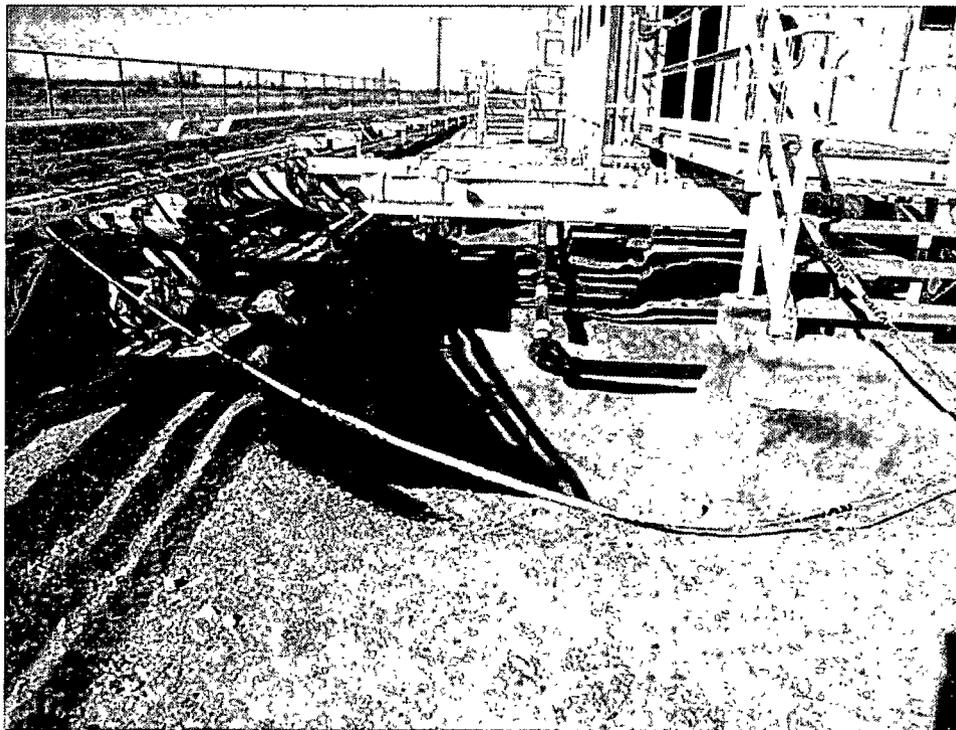


Engine #30 (South) Sump Soil Excavation Looking South

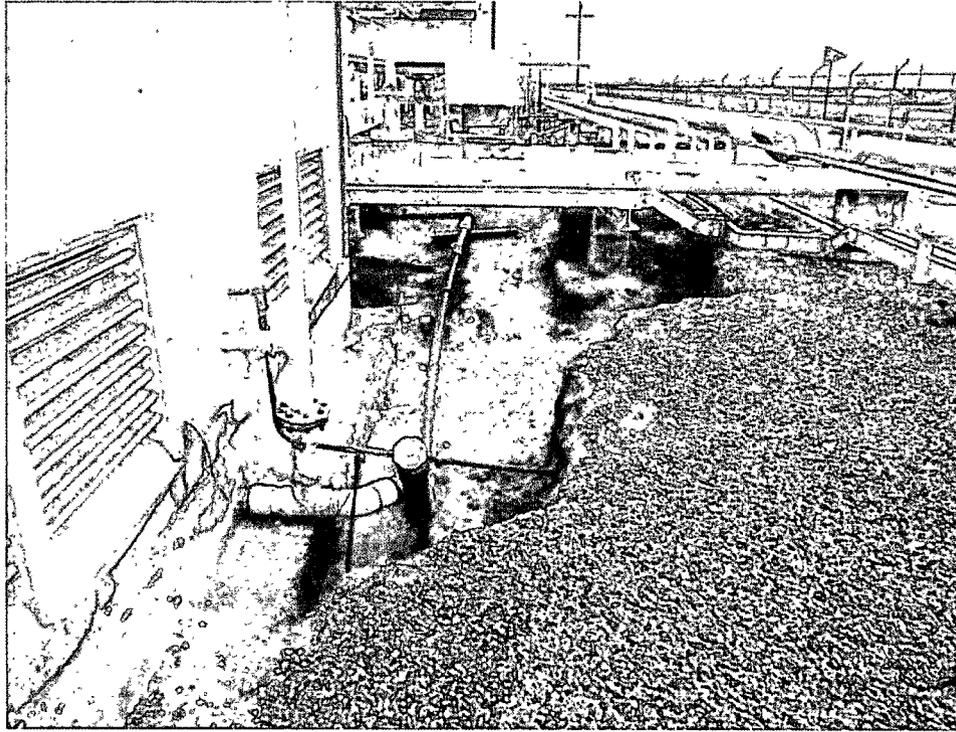
Engine #31 (North) Sump



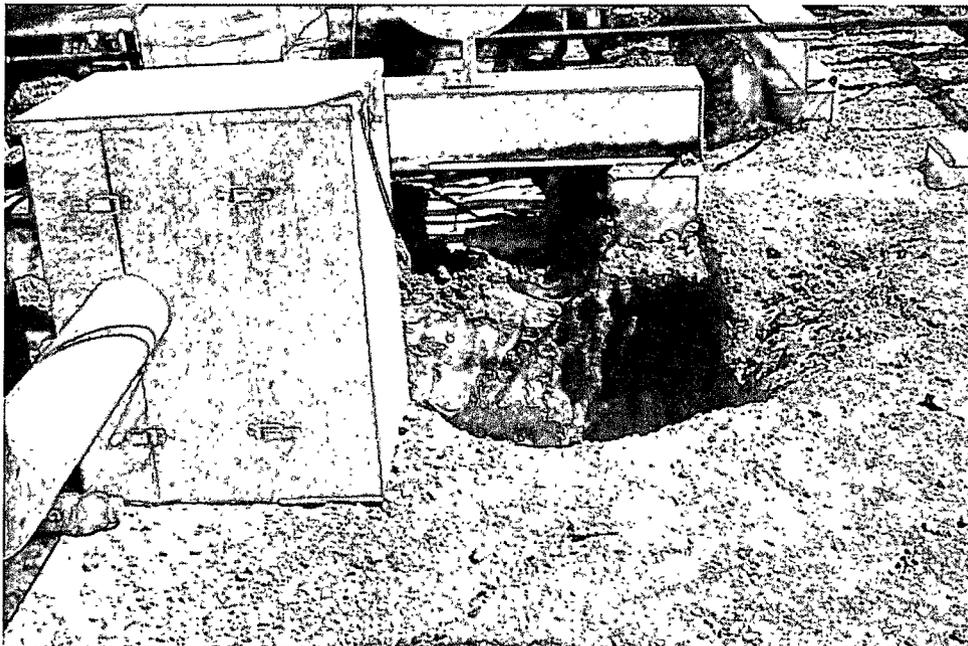
Engine #31 (North) Sump Prior to Removal Looking North



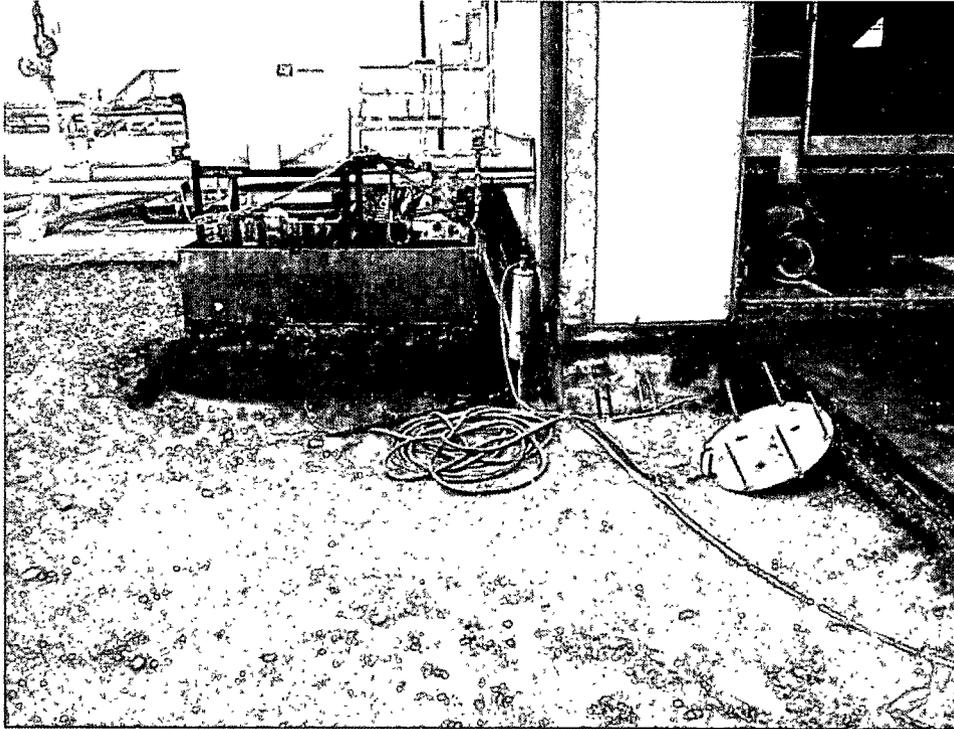
Engine #31 (North) Sump Following Removal Looking North



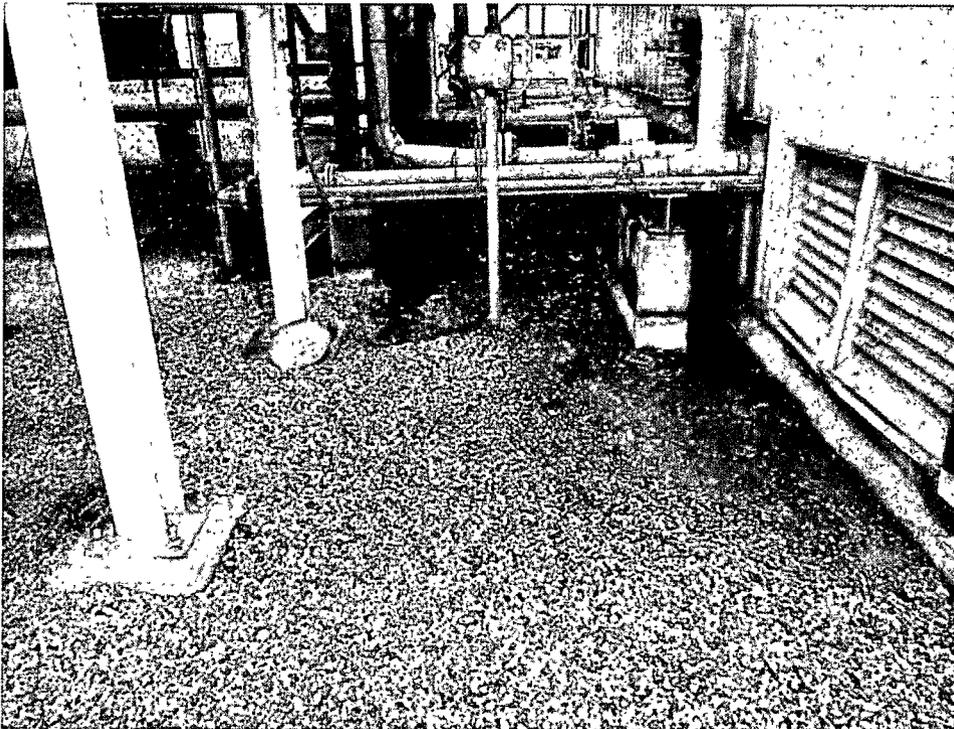
Engine #31 (North) Sump Following Removal and Soil Excavation Looking South



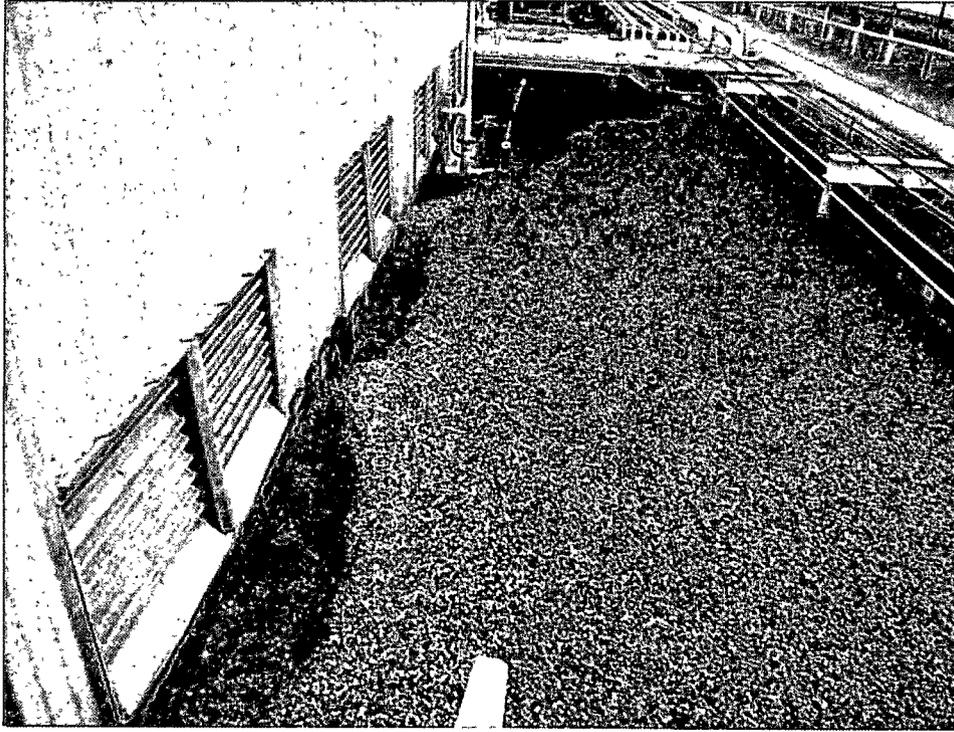
Engine #31 (North) Sump Soil Excavation Looking West



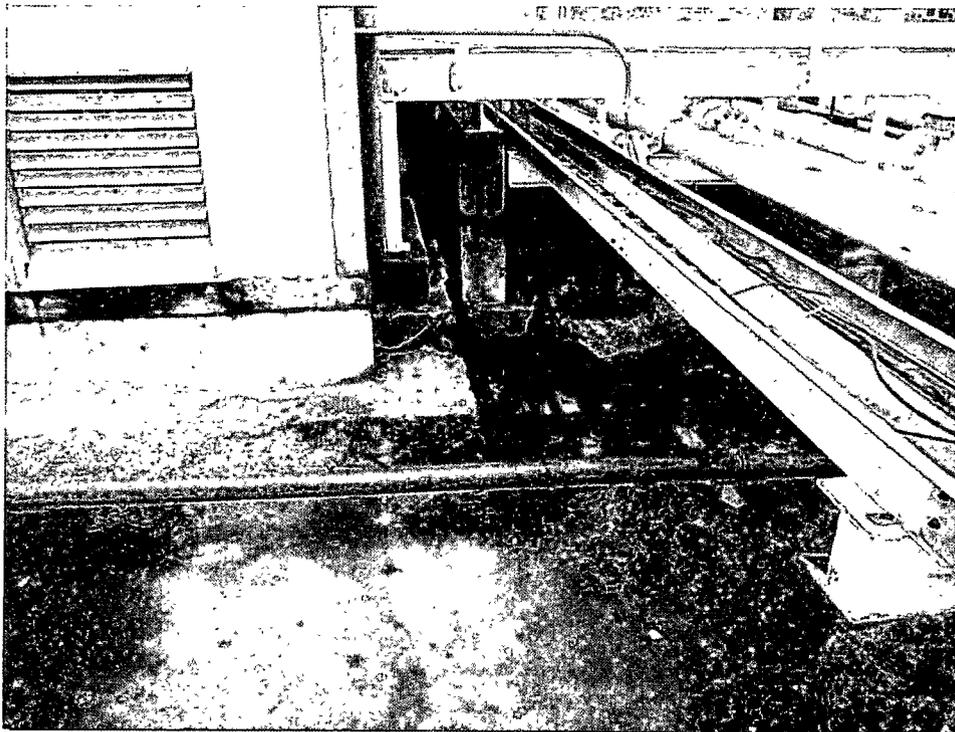
Engine #31 (North) Foundation Soil Excavation (South Side) Looking West



Engine #31 (North) Foundation Soil Excavation (North Side) Looking East

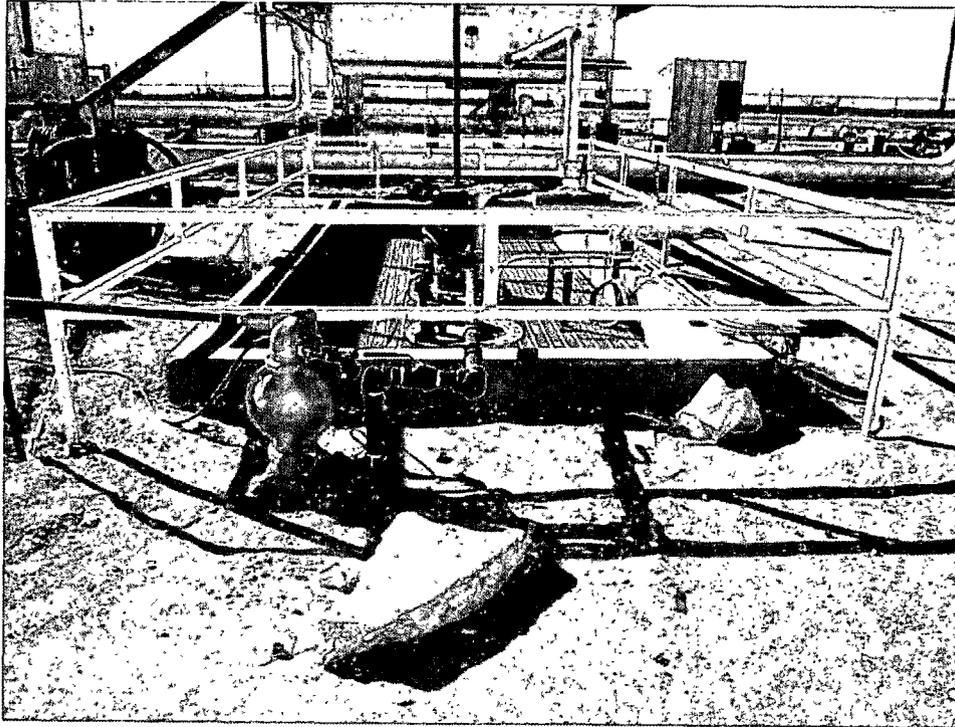


Engine #31 (North) Sump Following Removal and Soil Excavation Looking South

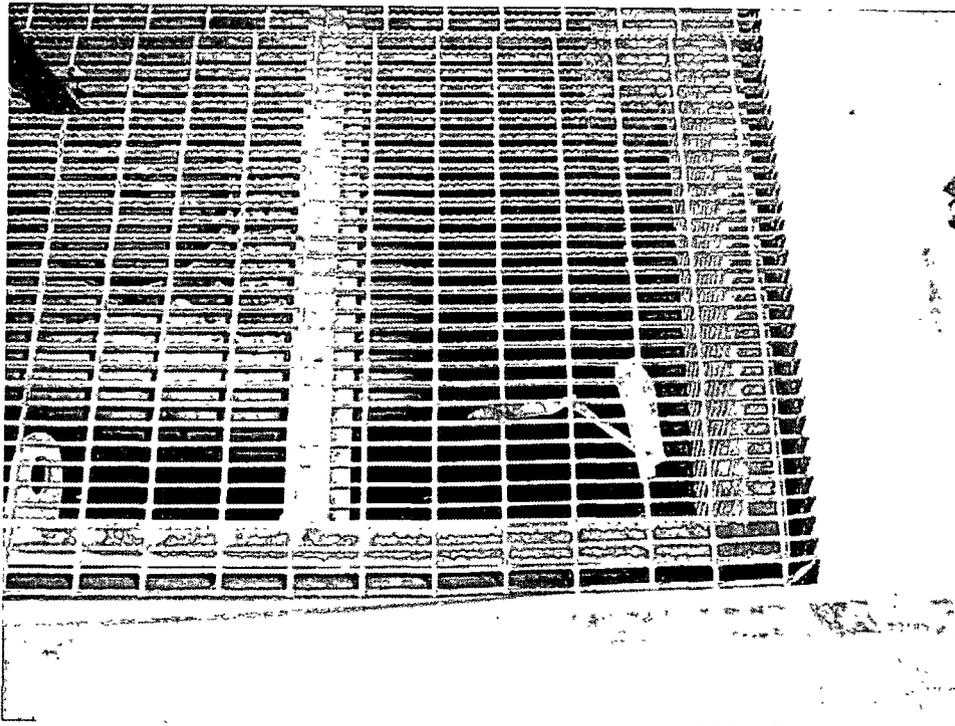


Engine #31 (North) Sump Following Removal and Soil Excavation Looking West

New Below Grade Tank

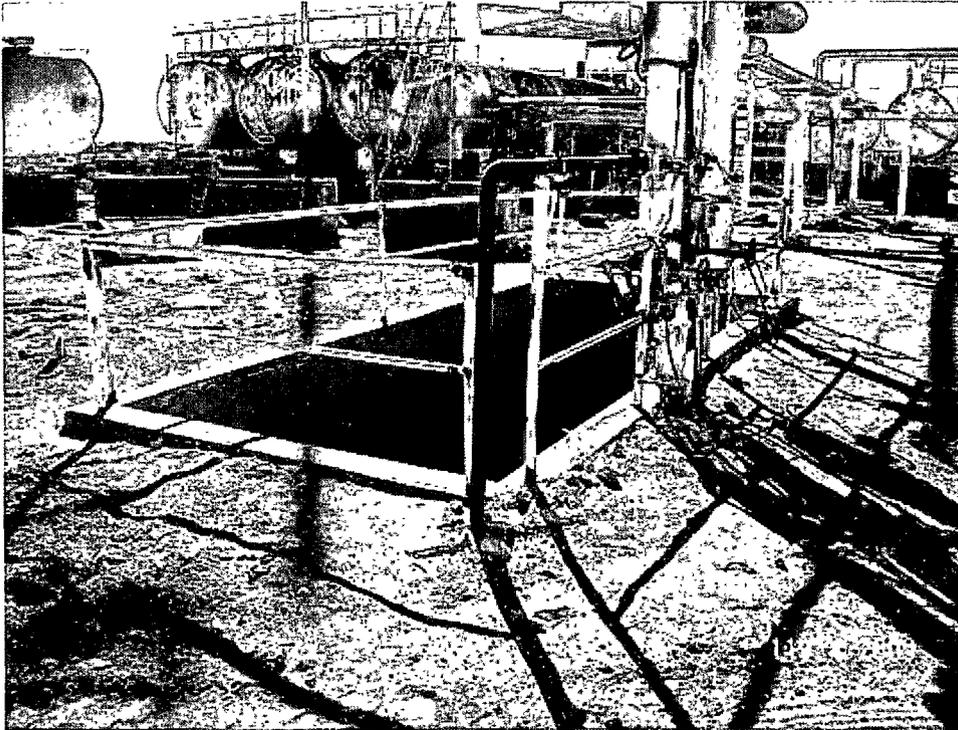


New Below Grade Tank Looking East

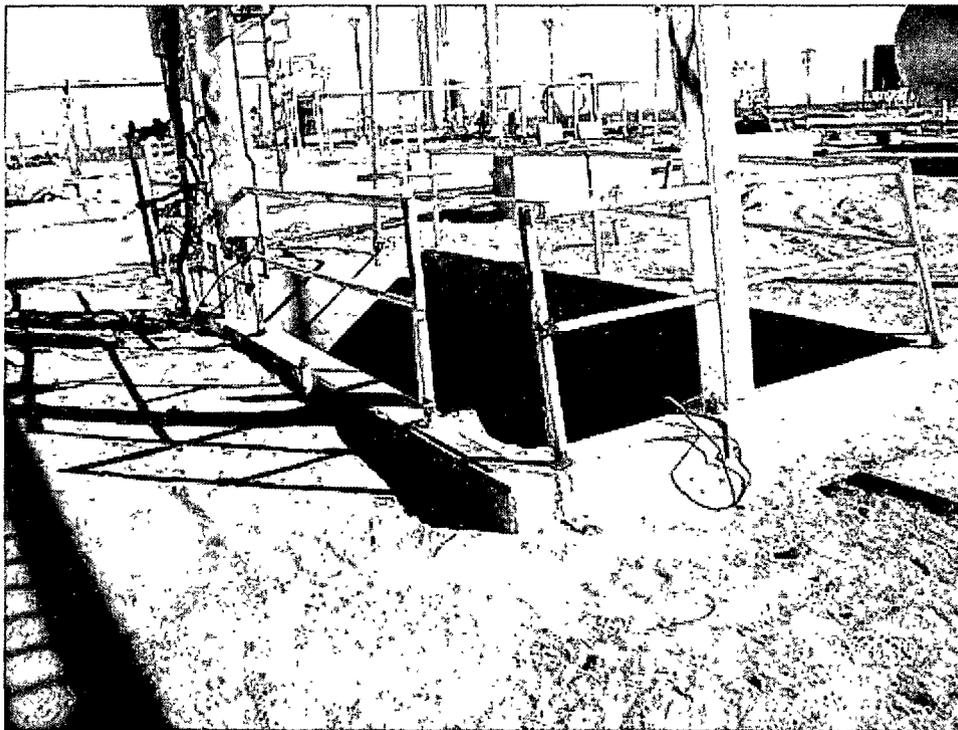


New Below Grade Tank

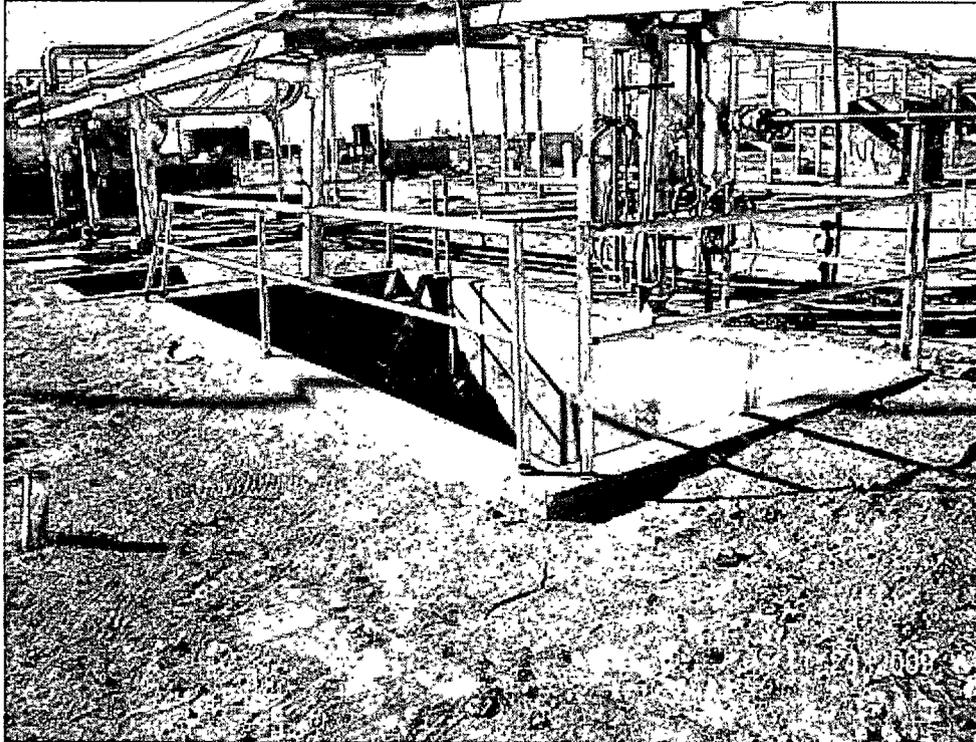
Old Below Grade Tank Containment



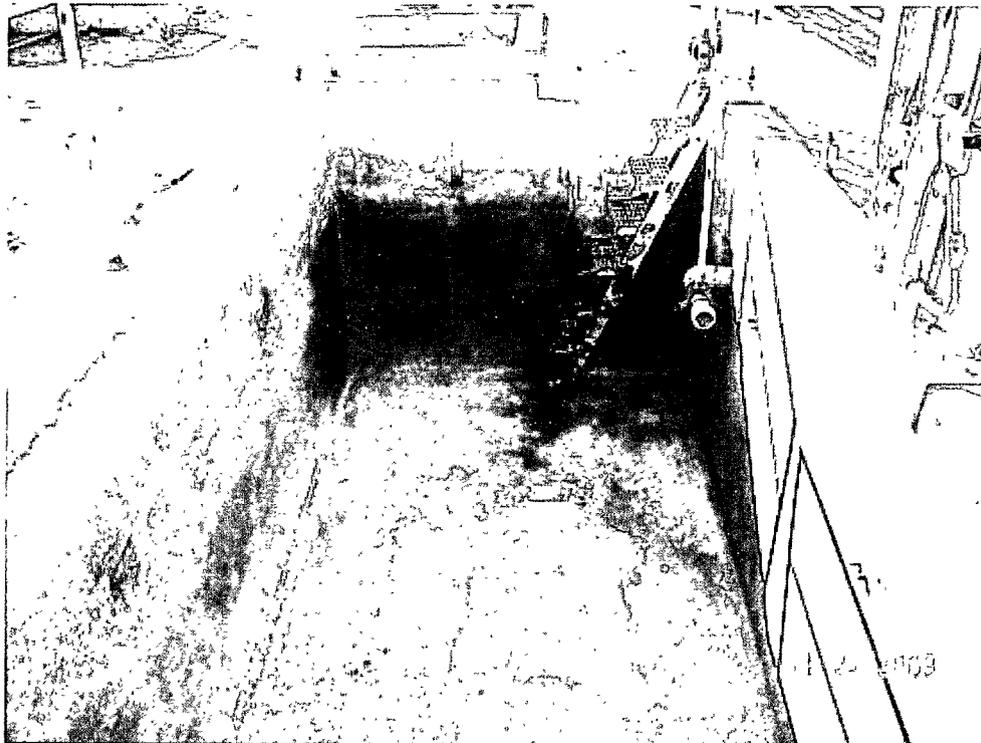
Old Below Grade Tank Containment Looking Southeast



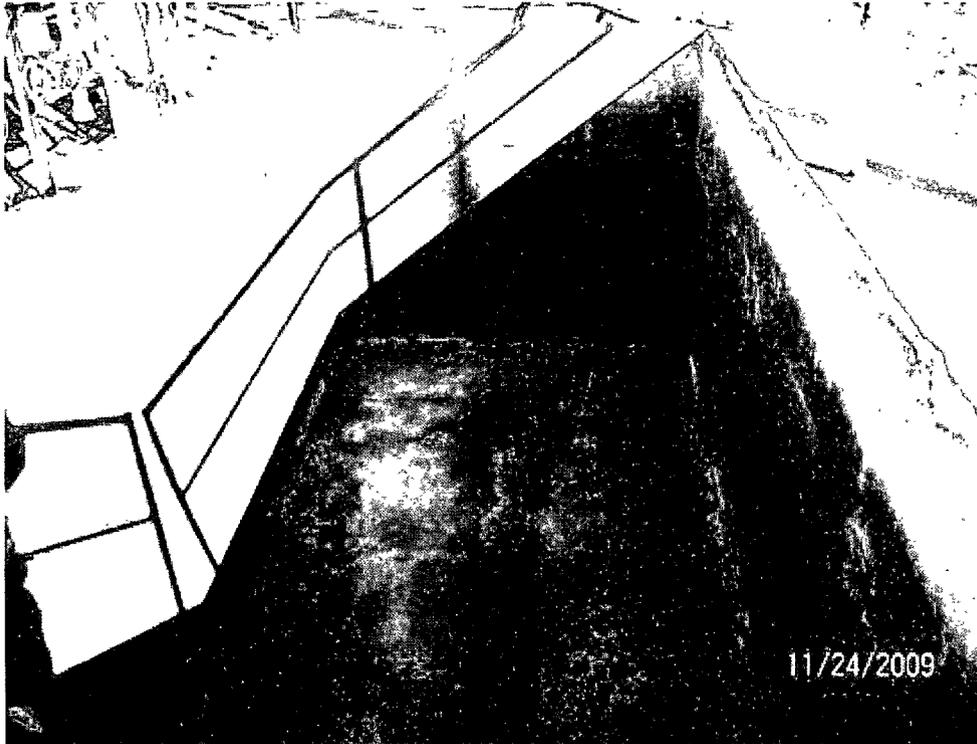
Old Below Grade Tank Containment Looking Northeast



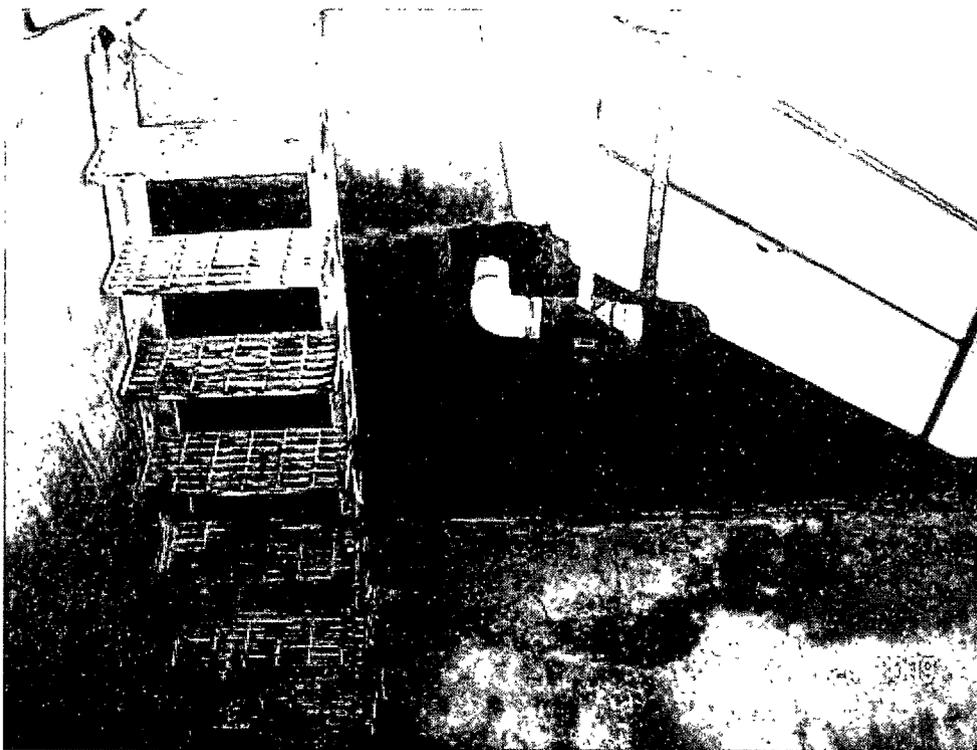
Old Below Grade Tank Containment Looking Southwest



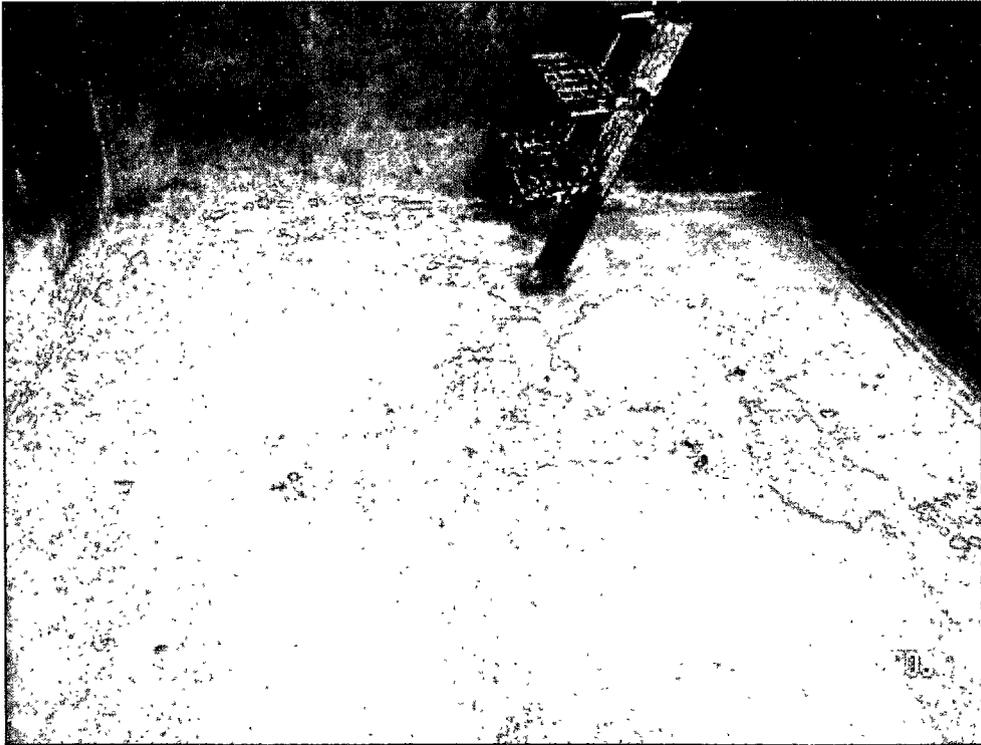
Interior of Old Below Grade Tank Containment Looking South



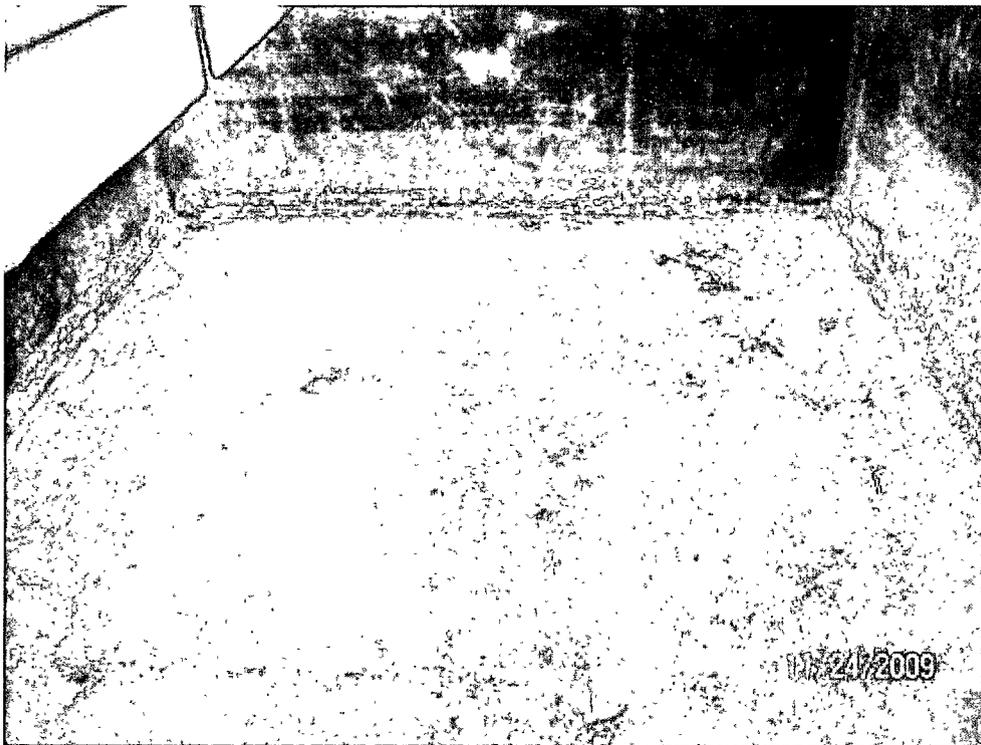
Interior of Old Below Grade Tank Containment Looking North



Interior of Old Below Grade Tank Containment South End Looking West



Interior of Old Below Grade Tank Containment South End Looking South



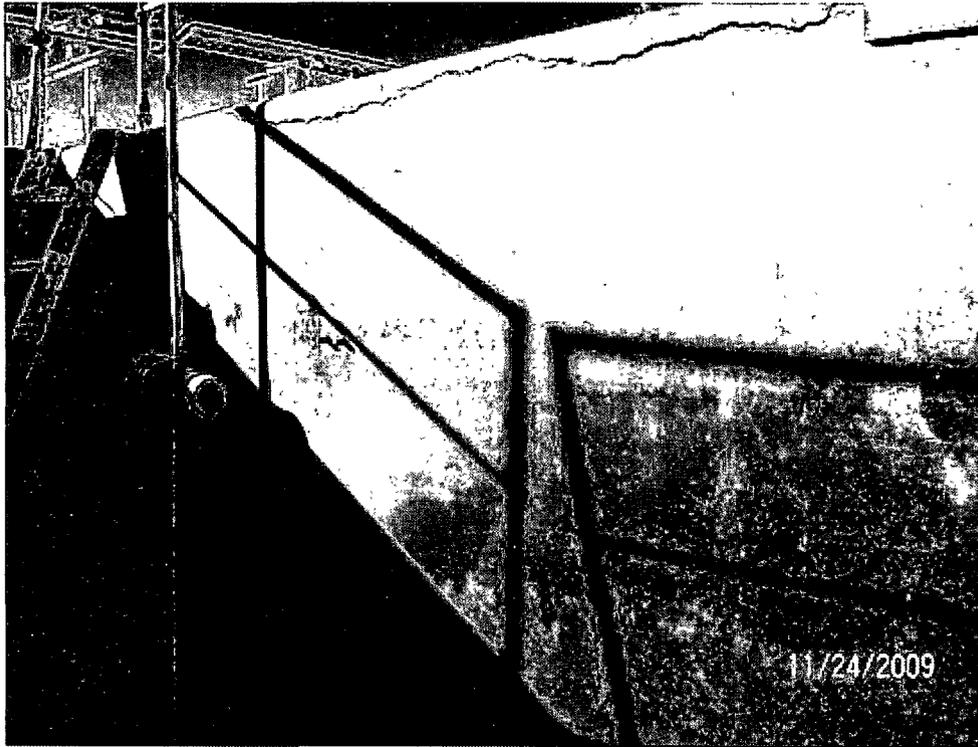
Interior of Old Below Grade Tank Containment North End Looking North



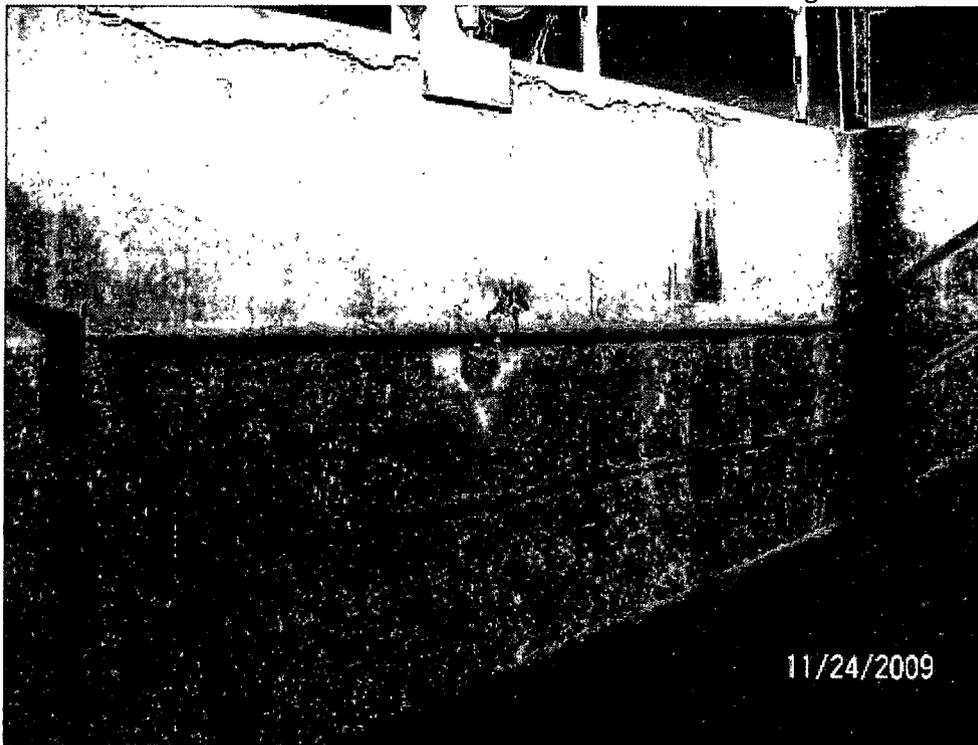
Interior of Old Below Grade Tank Containment West Side Looking Northwest



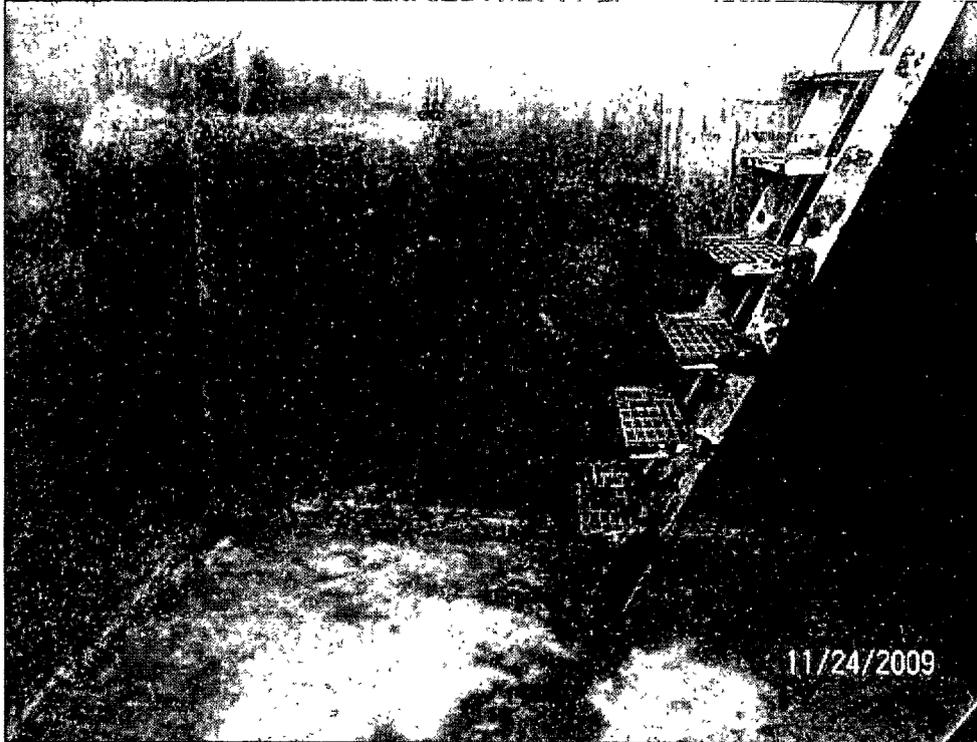
Interior of Old Below Grade Tank Containment East Side Looking Northeast



Interior of Old Below Grade Tank Containment West Side Looking Southwest



Interior of Old Below Grade Tank Containment East Side Looking Southeast



Interior of Old Below Grade Tank Containment South End Looking South

RECEIVED

MAY 25 2010

HOBSOCD

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

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

Form C-141
Revised October 10, 2003

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

Release Notification and Corrective Action

OPERATOR

Initial Report Final Report

Name of Company - Targa Midstream Services, L.P.	Contact - Cal Wrangham
Address - P.O. Box 1909, Eunice, NM 88231	Telephone No. - 432.688.0542
Facility Name - Eunice South Compressor Station	Facility Type - Gas Compressor Station

Surface Owner - Versado Gas Processors, LLC	Mineral Owner	Lease No.
---	---------------	-----------

LOCATION OF RELEASE

API 30-025-21497

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
M	27	22 South	37 East					Lea

Latitude N 32.362832° Longitude W-103.159165°

NATURE OF RELEASE

Type of Release - produced water and condensate	Volume of Release - unknown	Volume Recovered - N/A
Source of Release - floor drain from #30 and #31 compressor buildings	Date and Hour of Occurrence April 21, 2009	Date and Hour of Discovery April 21, 2009
Was Immediate Notice Given? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Discovered during OCD Inspection	
By Whom? Mr. Leonard Lowe	Date and Hour April 21, 2009	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse. Not Applicable	
If a Watercourse was Impacted, Describe Fully.* Not Applicable		

Describe Cause of Problem and Remedial Action Taken.*
Release most likely from overflow of sumps accepting liquid via floor drain lines and scrubber liquids from the compressor buildings #30 and #31, to two 620-gallon capacity below-grade tanks (sumps) associated with each compressor.

Describe Area Affected and Cleanup Action Taken.*
The impacted areas are located below tanks which are under process lines. Impacted soil is being excavated by hand. Investigation will be performed to assess releases and soil samples will be collected for the appropriate laboratory chemical analyses.

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

Signature: <i>Cal Wrangham</i>	<u>OIL CONSERVATION DIVISION</u>	
Printed Name: Cal Wrangham	Approved by District Supervisor <i>[Signature]</i> ENVIRONMENTAL ENGINEER	
Title: Environmental, Safety and Health Manager	Approval Date: 5.25.10	Expiration Date:
E-mail Address: cwrangham@targaresources.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: 5-24-2010 Phone: 432 688 0542		IRP# [Signature]

* Attach Additional Sheets If Necessary

10-5-2544

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

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

RECEIVED
MAY 25 2010
HOBBSCOCD

Form C-141
Revised October 10, 2003
Submit 2 Copies to appropriate
District Office in accordance
with Rule 116 on back
side of form

Release Notification and Corrective Action

OPERATOR Initial Report ~~Final~~ Report

Name of Company - Targa Midstream Services, L.P.	Contact - Cal Wrangham
Address - P.O. Box 1909, Eunice, NM 88231	Telephone No. - 432.688.0542
Facility Name - Eunice South Compressor Station	Facility Type - Gas Compressor Station

Surface Owner - Versado Gas Processors, LLC	Mineral Owner	Lease No.
---	---------------	-----------

LOCATION OF RELEASE

AP# 30-025.21497

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
M	27	22 South	37 East					Lea

Latitude N 32.362832° Longitude W-103.159165°

NATURE OF RELEASE

Type of Release - produced water and condensate	Volume of Release - unknown	Volume Recovered - N/A
Source of Release - floor drain from #30 and #31 compressor buildings	Date and Hour of Occurrence April 21, 2009	Date and Hour of Discovery April 21, 2009
Was Immediate Notice Given? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Discovered soil surface staining during OCD Inspection	
By Whom? Mr. Leonard Lowe	Date and Hour April 21, 2009	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse. Not Applicable	

If a Watercourse was Impacted, Describe Fully.*
Not Applicable

Describe Cause of Problem and Remedial Action Taken.* Discovered soil surface staining. Release most likely from sumps accepting liquid via floor drain lines leading from the compressor buildings #30 and #31, to two 620-gallon capacity below-grade tanks (sumps) associated with each compressor. Floor drains are disconnected from the tanks to prevent additional release(s) The main sump, which meets standards of NMAC 19.15.17 will replace Engine #30 and Engine #31 sumps.

Describe Area Affected and Cleanup Action Taken.*
Sumps were removed and replaced by a single below-grade tank meeting standards of NMAC 19.15.17. Impacted soil was hand excavated to the extent possible with consideration for foundations and employee safety. Final bottom samples (5-part composite) were below regulatory level of 1,000 mg/Kg for TPH by method SW-8015 (DRO and GRO) and chloride action level of 250 mg/Kg.

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

Signature: <i>Cal Wrangham</i>	<u>OIL CONSERVATION DIVISION</u> <i>J. Johnson</i>	
Printed Name: Cal Wrangham	Approved by District Environmental Engineer	
Title: Environmental, Safety and Health Manager	Approval Date: 5.25.10	Expiration Date: 7.26.10
E-mail Address: cwrangham@targaresources.com	Conditions of Approval.	Attached <input type="checkbox"/>
Date: May 24, 2010 Phone: (432) 688-0542	SUBMIT FINAL/CLOSURE C-141 IRP# 10.5.2544	

* Attach Additional Sheets If Necessary

w/DOCS

INCIDENT IN LOGS 101455368
ADM PLWS 101455592