

Petroleum Solutions, Inc.
Tank Removal Documentation
State of Texas Submittal

Georgetown 66
321 IH 35 N.
Georgetown, Texas 78628

Texas Commission on Environmental Quality
Remediation Division Correspondence Identification Form

SITE & PROGRAM AREA IDENTIFICATION			
SITE LOCATION		REMEDIATION DIVISION PROGRAM AND FACILITY IDENTIFICATION	
Site Name: Georgetown 66		Is This Site Being Managed Under A State Lead Contract? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Address 1: 321 N IH-35		Program Area: LEAKING PETROLEUM STORAGE TANK	
Address 2:		Mail Code: MC-137	
City: Georgetown State: Texas		Is This A New Site To This Program Area? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Zip Code: 78628	County: Williamson	LPST No.:	101005
TCEQ Region: Region 11 - Austin		FACILITY ID No.:	26064

PHASE OF REMEDIATION		DOCUMENT(S) IDENTIFICATION	
		DOCUMENT NAME	
1.	PRE-ASSESSMENT	RELEASE DETERMINATION REPORT	
2.			
3.			
4.			
5.			

CONTACT INFORMATION			
<p>I attest that all work has been conducted in accordance with accepted industry standards/practices and adhered to TCEQ guidance and rules. I certify that I am aware that misrepresentation of any of the above claims is a violation of 30 TAC 334.453(b)(1)(E) and that this violation may result in the disciplinary actions set forth in 30 TAC 334.453 and or 334.463 and 334.465.</p>			
RESPONSIBLE PARTY/APPLICANT/CUSTOMER			
Name:	Mr. Irvin Hamilton	Phone Number:	512-970-3586
Company:	S P Holmes Inc	Fax Number:	
Address 1:	8850 Business Park Dr. Ste 300	City:	Austin
Address 2:		State:	Texas
		Zip Code:	78759
		Email Address:	
ENVIRONMENTAL CONSULTANT/REPORT PREPARER/AGENT			
CAPM:	Chad Copeland	Phone Number:	512/335-1785
Company:	Ranger Environmental Services	Fax Number:	512/335-0527
Address 1:	P.O. Box 201179	City:	Austin
Address 2:		State:	TX
		Zip Code:	78720
		Email Address:	Chad@RangerEnv.com
RCAS:	Chad Copeland	Phone Number:	512/335-1785
Company:	Ranger Environmental Services	Fax Number:	512/335-0527
		Email Address:	Chad@RangerEnv.com
		RCAS Reg No.:	115
SIGNATURES			
			
Responsible Party	Date	Project Manager	Date
	1/15/16		1/12/2016
			1/12/2016
		RCAS	Date

TCEQ INTERNAL USE ONLY			
Document No.	TCEQ Database Term	Document No.	TCEQ Database Term
1.	REL DET	4.	
2.		5.	
3.			



**UNDERGROUND STORAGE TANK CLOSURE REPORT
GEORGETOWN 66 FACILITY
321 NORTH IH-35
GEORGETOWN (WILLIAMSON COUNTY), TEXAS
TCEQ FACILITY ID NO.: 26064**

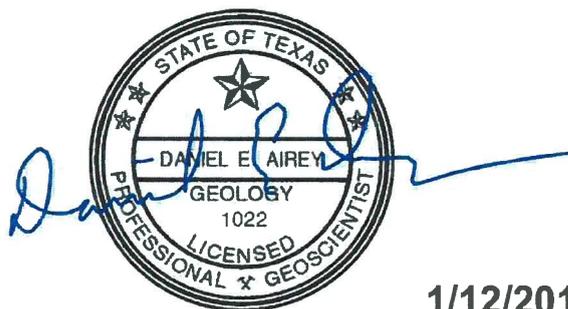
JANUARY 2016

Prepared for:

**PETROLEUM SOLUTIONS, INC.
1804 SMITH ROAD
AUSTIN, TEXAS 78721**

Prepared by:

**RANGER ENVIRONMENTAL SERVICES, INC.
P.O. BOX 201179
AUSTIN, TEXAS 78720**



1/12/2016

**MR. DANIEL E. AIREY, P.G. (NO. 1022)
PROJECT MANAGER**

STATE OF TEXAS PROFESSIONAL GEOSCIENTIST FIRM No. 50140 • STATE OF TEXAS PROFESSIONAL ENGINEERING FIRM No. F-6160

P.O. BOX 201179

AUSTIN, TX 78720

OFFICE: 512/335-1785

FAX: 512/335-0527

WWW.RANGERENV.COM

**UNDERGROUND STORAGE TANK CLOSURE REPORT
GEORGETOWN 66
321 N IH-35
GEORGETOWN (WILLIAMSON COUNTY), TEXAS
TCEQ FACILITY ID NO.: 26064
TCEQ LPST ID NO. 101005 (INACTIVE)**

Site Information

During the week of December 1, 2015, Petroleum Solutions, Inc. (PSI) personnel performed underground storage tank (UST) systems removal activities at the subject site. Activities performed included, but were not limited to, the removal of surface cover material over the USTs, the excavation of a sufficient amount of material to allow for the removal of the USTs, the evacuation and disposal of tank fluids, and the disposal of the UST systems. The UST closure actions at the site included the excavation and removal of two-8,000 gallon USTs, as well as associated product piping and product dispensers.

Ranger Environmental Services, Inc. (Ranger) personnel were present at the site on December 3, 2015 to document the condition of the two removed underground tanks and associated product piping. Also, Ranger performed in-situ confirmation sampling required as part of the UST system removal/closure process. Both USTs formerly contained product gasoline. The tanks were each observed to be constructed of single wall fiberglass reinforced plastic (FRP). The product piping associated with the USTs was observed to be constructed of double wall FRP. Both of the underground tanks were located in the same tank pit excavation.

The attached site map notes the location of the UST systems in relation to the site. Additionally, a topographic map is attached noting the subject site in relation to the surrounding area.

UST Removal Process

The removal of the UST systems was conducted by PSI (TCEQ. CRP No. 000821 & ILP No. 0000092). PSI personnel removed a sufficient amount of backfill and soil over and around the underground tanks and piping to allow for their removal from the ground. Each of the USTs was rinsed and evacuated of residual fluids by Heritage-Crystal Clean, LLC prior to removal from the ground. In total, approximately 300 gallons of petroleum product/water rinsate was evacuated and disposed of as part of the UST rinsate/evacuation process. A manifest documenting the fluid disposal is included as an attachment to this report.

Prior to removal, each of the USTs removed from the site was measured with an explosimeter to monitor for potential explosive conditions within the UST. Both of the USTs were measured and documented to have 0% of the lower explosive limit prior to removal. It should be noted, a representative from the City of Georgetown Fire Department, Mr. Don Jansen, was present during the removal of the USTs.

At the time the USTs were removed, Ranger and PSI personnel performed an inspection of each of the USTs. Each of the tanks was noted to be in good condition with no holes observed. The product piping available for inspection was also observed to be in good condition with no holes observed.

Following removal, the two tanks placed into two roll of boxes, were crushed and transported off-site to Texas Disposal Systems (TDS) landfill. The UST Destruction Certificate documenting the disposal of the tanks is included as an attachment to this report.

Upon completion of the UST removal operations, the UST excavation was roughly rectangular in shape and had maximum dimensions of approximately 30 feet by 32 feet by approximately 13 to 14 feet deep. It should be noted, no tank pit water was observed in the tank pit excavation at the time of the removal.

UST Closure Confirmation Sample Information

The following in-situ grab samples were collected for chemical analysis as part of the UST closure process:

UST Tank Pit Tank Bottom Samples

<u>SAMPLE ID</u>	<u>DATE</u>	<u>~ DEPTH (Feet bgs)</u>
E Tank - N	12/03/15	13'-14'
E Tank - Fill	12/03/15	13'-14'
E Tank - S	12/03/15	13'-14'
W Tank - N	12/03/15	13'-14'
W Tank - Fill	12/03/15	13'-14'
W Tank - S	12/03/15	13'-14'

UST Product Dispenser Samples

<u>SAMPLE ID</u>	<u>DATE</u>	<u>~ DEPTH (Feet bgs)</u>
D-1	12/03/15	2'-3'
D-2	12/03/15	2'-3'
D-3	12/03/15	2'-3'

UST Piping Samples

<u>SAMPLE ID</u>	<u>DATE</u>	<u>~ DEPTH (Feet bgs)</u>
PC-1	12/03/15	2'-3'
PC-2	12/03/15	2'-3'
PC-3	12/03/15	2'-3'
PC-4	12/03/15	2'-3'
PC-5	12/03/15	2'-3'

UST Backfill Samples

<u>SAMPLE ID</u>	<u>DATE</u>	<u>~ DEPTH (Feet bgs)</u>
SP-1	12/03/15	NA
SP-2	12/03/15	NA
SP-3	12/03/15	NA
SP-4	12/03/15	NA

Sample Collection Information

Ranger personnel wore new latex or nitrile gloves while handling each sample in order to prevent cross-contamination of samples. The soil samples collected were containerized in sterile, appropriately-sized glass jars. The samples collected for laboratory analysis were subsequently sealed in one or more zip lock bags, and stored in a sample shuttle containing ice until arrival at the laboratory for chemical analysis. All sample containers were labeled with the project name, sample identification, date of sample collection, samplers' initials, and the time the soil sample was collected.

The soil samples collected from the former UST area, dispenser areas, pipe chase, and backfill/stockpiles were analyzed for benzene, toluene, ethylbenzene, total xylenes (BTEX) and methyl tert butyl ether (MTBE) using EPA Method 8260, and total petroleum hydrocarbons (TPH) using method TCEQ TX1005. Soil sample locations are included on the attached site map. The results of the soil sample analyses are presented in the attached tables. Copies of the original laboratory report and chain-of-custody documentation for the samples are also included as an attachment to this report.

Find attached to this report a TCEQ Construction Notification Form and TCEQ Release Determination Report. In addition, please find attached a copy of an amended TCEQ UST Registration Form documenting the permanent removal of the two UST systems from the ground at the site.

Sample Analytical Results

A comparison was made between the in-situ soil analytical results from the UST closure process and the published TCEQ PST Action levels. Based upon this comparison, no soil samples were found to exceed the action levels. It should be noted, as no TPH concentrations (>C12 range) were detected in any of the soil samples, no sample was further analyzed for polynuclear aromatic hydrocarbons.

Conclusions and Recommendations

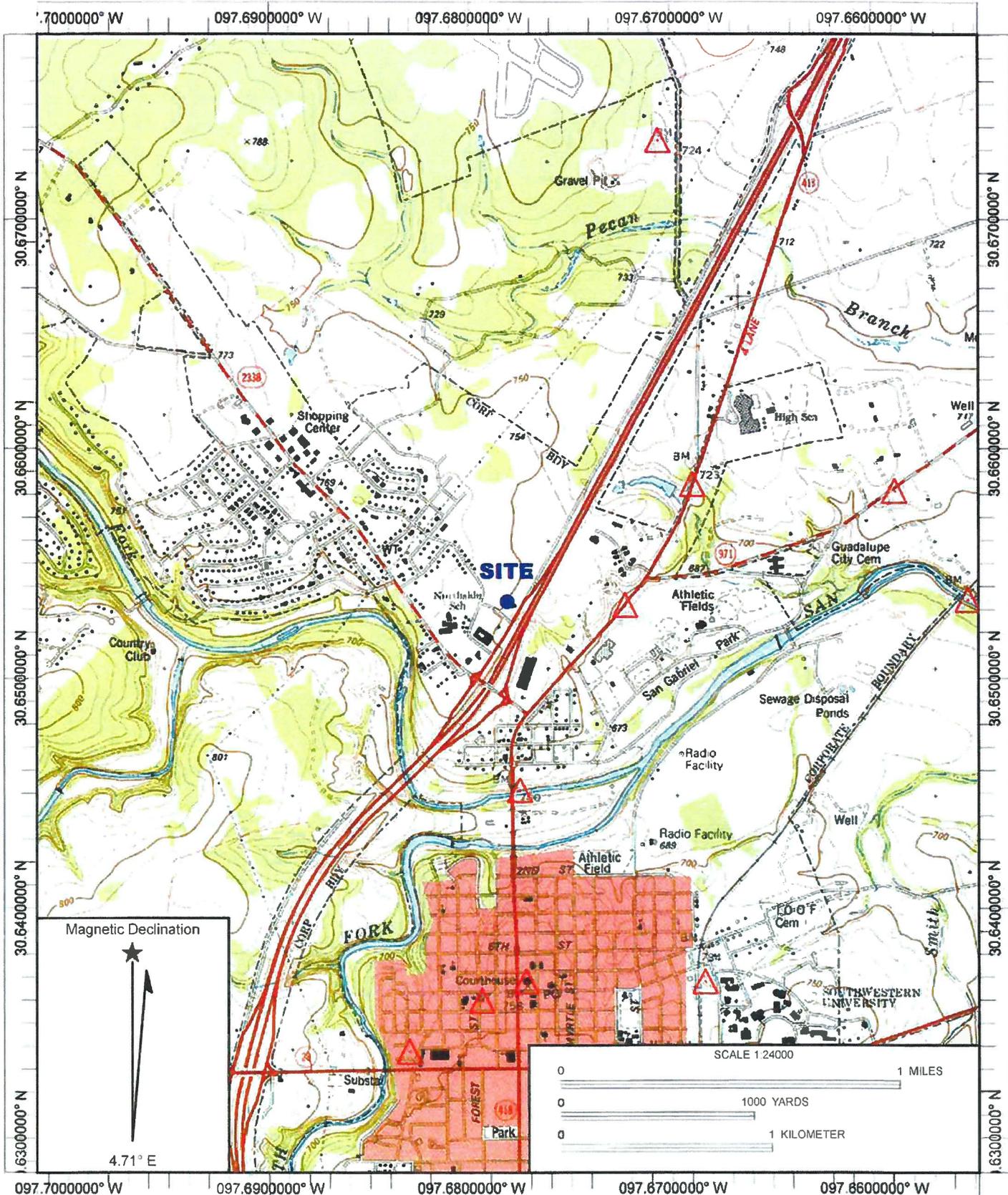
The confirmation soil samples results document no BTEX or MTBE compounds in excess of the TCEQ PST action level concentrations. Based upon these results, Ranger recommends that no further actions be undertaken regarding the UST system closure process at this site.

Limitations

This investigation was performed in accordance with generally accepted practices of the profession undertaking similar studies at the same time and in the same geographical area. Ranger observed that degree of care and skill generally exercised by the profession under similar circumstances and conditions. No other warranty is expressed or implied. Data in which the investigation's conclusions and recommendations are based was obtained from samples taken at specific locations. Variations could exist at the site which were not detected in this study. This study and report have been prepared on behalf of, and for the exclusive use of, Petroleum Solutions, Inc. and/or their designated representatives, solely for use in the environmental evaluation of the site. This report and the findings contained herein shall not, in whole or in part, be disseminated or conveyed to any other party, in whole or in part, by Ranger, without the prior consent of Petroleum Solutions, Inc. and/or their designated representatives.

ATTACHMENTS

FIGURES



Name: GEORGETOWN
 Date: 12/28/2015
 Scale: 1 inch equals 2000 feet

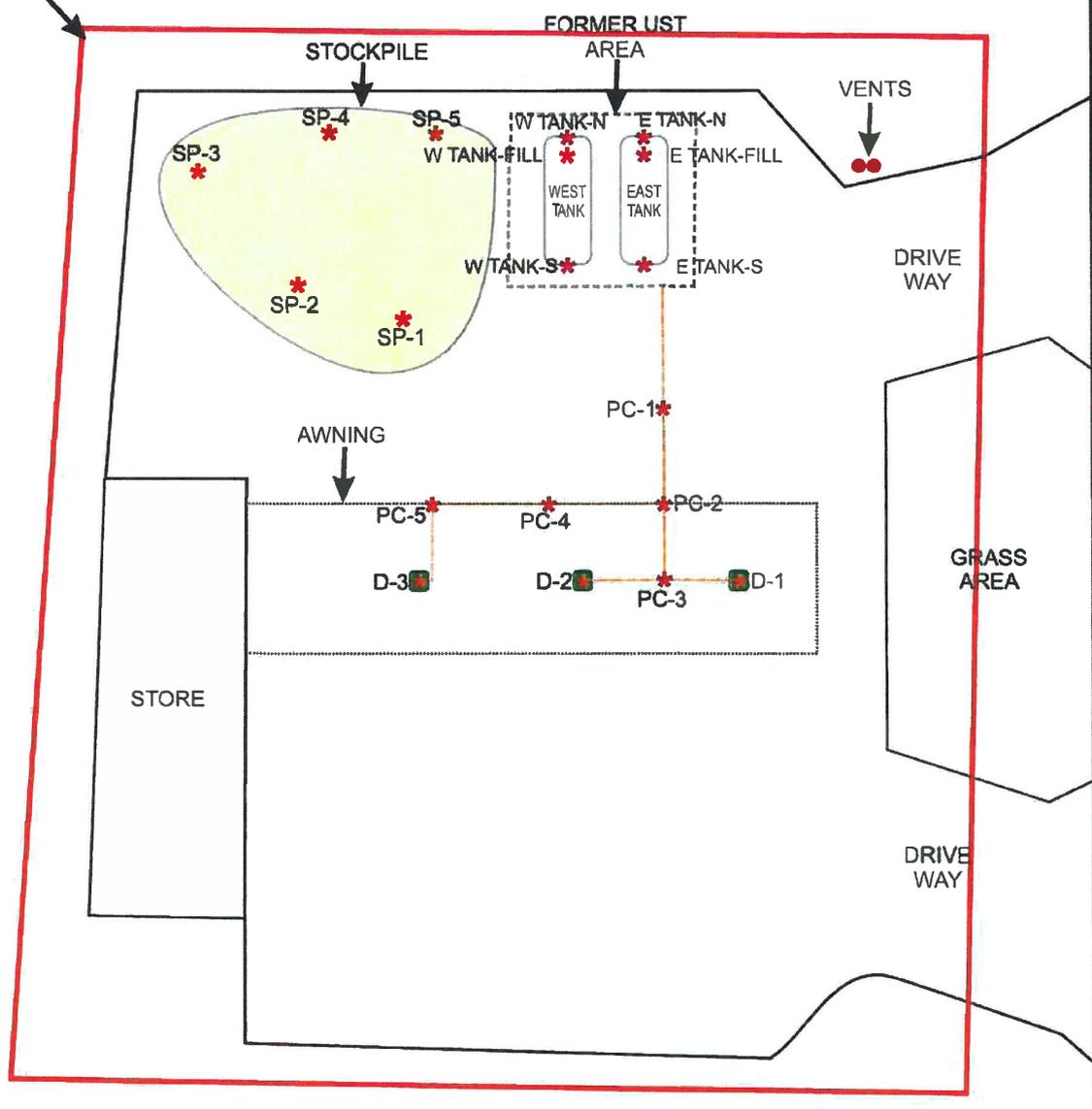
Location: 030.6532824° N 097.6782086° W NAD27
 Caption: TOPO MAP
 321 N IH-35, GEORGETOWN, TEXAS 73628

Datum: NAD27

Copyright (C) 2009 MyTopo



APPROXIMATE
PROPERTY
BOUNDARY



1" = 30'

- * - SAMPLE LOCATION
- - PRODUCT DISPENSER
- - - PRODUCT PIPECHASE

* ALL PROPERTY BOUNDARIES ARE APPROXIMATE &
NOT TO BE USED FOR CONSTRUCTION PURPOSES

RANGER ENVIRONMENTAL SERVICES, INC.	
SITE MAP	
FORMER GEORGETOWN 66	
321 NORTH IH-35	
GEORGETOWN, TEXAS	
DATE:	RANGER REFERENCE #4801
COMMENTS: NOT FOR CONSTRUCTION	

TABLES

SURFACE SOIL (0'-15') BTEX/MTBE/TPH (TX 1005) ANALYTICAL DATA

Georgetown 66

321 N. IH-35, Georgetown, TX

TCEQ PST Facility No. 26064

All values presented in parts per million (mg/Kg)

SAMPLE ID	DATE	TPH TOTAL	TPH C6-C12	TPH C12-C28	TPH C28-C35	MTBE	BENZENE	TOLUENE	ETHYL-BENZENE	TOTAL XYLENES
E Tank - N	12/03/15	<9	<5.8	<9	<9	<0.0027	<0.0027	0.0057	<0.0027	0.0045 J
E Tank - Fill	12/03/15	<9.1	<5.9	<9.1	<9.1	<0.0026	<0.0026	0.0068	<0.0026	0.0051
E Tank - S	12/03/15	<8.7	<5.6	<8.7	<8.7	<0.0027	<0.0027	0.0029 J	<0.0027	<0.0027
W Tank - N	12/03/15	<10	<6.7	<10	<10	<0.0029	<0.0029	0.0033 J	<0.0029	<0.0029
W Tank - Fill	12/03/15	<8.5	<5.5	<8.5	<8.5	<0.0028	<0.0028	<0.0028	<0.0028	<0.0028
W Tank - S	12/03/15	<9.6	<6.1	<9.6	<9.6	<0.0039	<0.0039	<0.0039	<0.0039	<0.0039
PC-1	12/03/15	<8.7	<5.6	<8.7	<8.7	<0.0028	0.0066	0.025	<0.0028	0.013
PC-2	12/03/15	<9.5	<6.1	<9.5	<9.5	<0.0027	<0.0027	0.0049 J	<0.0027	<0.0027
PC-3	12/03/15	<9.5	<6.1	<9.5	<9.5	<0.0027	<0.0027	0.019	<0.0027	0.012
PC-4	12/03/15	<9.4	<6	<9.4	<9.4	<0.0028	<0.0028	0.0056 J	<0.0028	<0.0028
PC-5	12/03/15	<9.6	<6.2	<9.6	<9.6	<0.0028	<0.0028	0.0048 J	<0.0028	<0.0028
SP-1	12/03/15	<9.5	<6.1	<9.5	<9.5	<0.0068	<0.0068	<0.0068	<0.0068	0.0082 J
SP-2	12/03/15	<9.1	<5.9	<9.1	<9.1	<0.0028	<0.0028	0.0088	<0.0028	0.0057
SP-3	12/03/15	<9.6	<6.2	<9.6	<9.6	<0.0028	<0.0028	0.0038 J	<0.0028	<0.0028
SP-4	12/03/15	<8.7	<5.6	<8.7	<8.7	<0.0068	<0.0068	0.0097 J	<0.0068	0.0099 J
D-1	12/03/15	<8.4	<5.4	<8.4	<8.4	<0.0028	<0.0028	0.0062	<0.0028	0.0031 J
D-2	12/03/15	<9.6	<6.2	<9.6	<9.6	<0.0027	<0.0027	<0.0027	<0.0027	0.0045 J
D-3	12/03/15	<8.2	<5.3	<8.2	<8.2	<0.0027	<0.0027	<0.0027	<0.0027	<0.0027
PST Program Action Level		***	***	***	***	2.56	0.12	39.1	36.8	117

Notes:

- Exceedances of the PST Action Levels are highlighted in bold, red type.
- J - Analyte detected below quantitation limit.

PST = Petroleum Storage Tank
 TPH = Total Petroleum Hydrocarbons
 MTBE = Methyl Tert Butyl Ether
 mg/Kg = Milligrams per Kilogram

TCEQ RELEASE DETERMINATION REPORT FORM

**TEXAS COMMISSION ON ENVIRONMENTAL QUALITY
PETROLEUM STORAGE TANK PROGRAM
RELEASE DETERMINATION REPORT**

INSTRUCTIONS: Use this form to report 1) the results from the investigation of a suspected or confirmed release from a UST or an AST, or 2) the results of the permanent removal from service of a UST, or 3) any routine environmental site assessment (ESA) at PST sites where a 'no further action' letter from TCEQ is desired (routine AST removals and routine ESAs are not specifically regulated by TCEQ). Refer to *Investigating and Reporting Releases from Petroleum Storage Tanks (RG-411)* for more information. The initial report of a suspected or confirmed release must be made within 24 hours of discovery using the form, *PST Program Incident Report (IR) form (TCEQ-20097)*. Submit completed forms to the PST Program, TCEQ, MC-137, P.O. Box 13087, Austin, Texas 78711-3087. **DO NOT MODIFY THIS FORM IN ANY WAY. COMPLETE ALL APPLICABLE BLANKS.** Incomplete forms, including forms missing relevant attachments, are considered deficient and will need to be corrected and resubmitted.

RDR CHECKLIST

PLEASE NOTE: The following documents are required to be attached to this form upon submittal. Complete the checklist and attach each listed document to the back of the form, or provide a written statement explaining why a particular item on the checklist is not applicable/not available:

- Scaled site diagram(s) showing location and layout of tank system(s), including pipe chases, dispensers, and any remote fill ports; all sampling points, North arrow, scale, and nearest intersection(s). Previously removed tank systems should also be indicated.
- Written description of tank removal activities, including removal of substances from tanks, tank cleaning/purging/inerting activities, and tank condition (corrosion holes, tears, rust, etc.). Include description and condition of piping and dispenser equipment.
- Photographs (originals or high resolution color copies) of the site showing all parts of tank system (tanks, dispensers, piping, etc.), all excavated areas including excavation bottoms, stockpiles, etc.
- Written description of site sampling activities, including sampling equipment used, decontamination procedures, sample collection and handling methods, sampling locations and summary of overall sampling rationale.
- Boring logs and well completion diagrams/well reports, as applicable. Logs should include field screening. Please ensure P.G. requirements are followed.
- Soil and groundwater analytical tables indicating contaminant concentrations for each of the chemicals tested. Record the exact analytical value in the tables. Do not use nominal terms such as non-detect.
- Copies of signed laboratory reports, complete chain-of-custody and laboratory check-in sheet documentation including sample receipt temperature, sample preservation methods, date and time of sample collection and receipt, laboratory QA/QC, etc.
- A statement certifying that at the time the data in this report were generated, the laboratory was NELAC-accredited through the Texas Laboratory Accreditation Program for the environmental matrices, analytical methods, and parameters analyzed or cite the exception allowed under 30 Texas Administrative Code §25.6.
- A narrative or checklist to document an independent review of the laboratory data package. Documents the acceptability and usability of the data for a release determination, problems or anomalies in the data, and the resolution of any noted laboratory issues.
- Tank destruction documentation (no. of tanks, size(s), former contents, tank composition [e.g., steel, fiberglass, etc.]), including date of disposal and facility name, address, and contact information.
- Waste disposal, treatment, recycling or reuse documentation, including waste manifests signed and dated by all relevant parties. Manifests should have all required signatures and dates, and show waste type, quantities, and units.
- Copy of original Construction Notification form filed with the TCEQ regional office for the field activity.
- Copy of amended *UST or AST Registration and Self-Certification form (TCEQ-00724)*, as applicable. Originals should be sent to the PST Registration Team (MC-138), TCEQ, P.O. Box 13087, Austin, TX 78711-3087.
- RCAS and CAPM, or LOSS signatures are required on page 7 of this form.
- A Drinking Water Survey Report (DWSR) completed in accordance with RG-428. Required when samples from a properly constructed temporary or permanent monitoring well indicate groundwater is impacted above PST Program action levels.

SUMMARY

Based on the information obtained during this release determination and by comparing the non-detected results and the detected results to the method quantitation limits (MQLs) and the PST Program action levels, check all that apply:

- There is no evidence of a new release, and this Release Determination Report is being submitted to document a suspected release incident, e.g., failed/ inconclusive statistical inventory reconciliation (SIR) or inventory control records, equipment failures, or other incidents, that were subsequently resolved.
- This is not an LPST site. Analytical results indicate that contaminant concentrations do not exceed PST Program action levels and there is no other evidence of environmental contamination.
- The analytical results for one or more contaminants exceeded the PST Program action levels.
- Tank pit water was present. If present, was a water sample collected and analyzed? YES NO
PST Program action levels exceeded for one or more contaminants? YES NO
- A **representative groundwater** sample from a properly constructed monitoring well was collected and analyzed. PST Program action levels were **exceeded** for one or more contaminants? YES NO If YES, a Drinking Water Survey Report is required.
- This site is a new LPST site. **Complete the Financial Assurance Section.**
- This site is a current LPST site, there is no evidence of a new release, and this Release Determination Report is being submitted as the tank removal-from-service documentation.
- This is a closed LPST site, there is no evidence of a new release and this Release Determination Report is being submitted as the tank removal-from-service documentation or as a routine environmental site assessment (ESA). Please include a site map, cumulative analytical tables for both groundwater and soil, cumulative groundwater gauging data, laboratory data, closure letter, etc. from the closed LPST site which supports the conclusion that current concentrations are associated with the formerly investigated release.

FINANCIAL ASSURANCE

- Is this site covered by a current financial assurance mechanism (typically insurance) as required by 30 TAC 37.815? YES NO
If covered by insurance, please state the carrier and policy number:
- Has the tank owner or operator notified the insurance carrier of a release? YES NO NOT APPLICABLE
- Will the responsible party be using financial assurance to complete the next appropriate step?
 YES NO PENDING INSURANCE COMPANY CLAIM
- If no financial assurance mechanism covers or will be used at this site, what mechanism will be used to address the corrective action needs at this site?

A. GENERAL INFORMATION

Pre-existing LPST site? NO YES LPST ID #: 101005 Closure date: 2/20/1997 TCEQ Region: 11 - Austin

Facility ID #: 26064

Required unless one of the following applies:

Check here if tank registration is not required for this site (per 30 TAC §334.7), **and** check one of the following as applicable:
 The tank(s) are partially excluded or exempted from jurisdiction under 30 TAC Chapter 334. Specify type or usage of tank(s):

The tank(s) were permanently removed from the ground before May 8, 1986 (provide date of removal):

The tank(s) remained in the ground but were emptied, cleaned, and filled with inert substance before January 1, 1974 (provide date of activities):

The tank(s) were out of operation, their existence was unknown (i.e., "ghost tank"), **and** they were permanently removed from service within 60 days of their discovery (provide date of discovery: _____ and describe method of discovery):

Facility Name: Georgetown 66

Regulated Entity Number (RN): RN102757481

Facility Physical Address: 321 N IH-35

Facility City: Georgetown

County: Williamson

Tank Owner: S P Holmes Inv

Ownership: From: 9/1/1990 To: present

Tank Owner Mailing Address: 8850 Business Park Dr Ste 300

City: Austin

State: Texas Zip: 78759

Tank Owner Contact Person: Mr. Irvin Hamilton

Phone: 512-970-3655 Fax:

Email address: hamilton.irvin@gmail.com

Tax ID*: 174224116 Entity Type**: Domestic for ne Entity Status**: In Existence

Registered Agent: Mary Kay Cloud

Has this Tank Owner filed Bankruptcy: no

Tank Owner:

Ownership: From: To:

Tank Owner Mailing Address:

City:

State: Zip:

Tank Owner Contact Person:

Phone: Fax:

Email address:

Tax ID*: Entity Type**:

Entity Status**:

Registered Agent:

Has this Tank Owner filed Bankruptcy:

Tank Operator: same

Operation: From: To:

Tank Operator Mailing Address:

City:

State: Zip:

Tank Operator Contact Person:

Phone: Fax:

Email address:

Tax ID*: Entity Type**:

Entity Status**:

Registered Agent:

Has this Tank Operator filed Bankruptcy:

* <https://mycpa.cpa.state.tx.us/coa/Index.html>

** <http://www.sos.state.tx.us/corp/sosda/index.shtml>

Tank Operator:		Operation: From:	To:
Tank Operator Mailing Address:			
City:	State:	Zip:	
Tank Operator Contact Person:	Phone:	Fax:	
Email address:			
Tax ID*:	Entity Type**:	Entity Status**:	
Registered Agent:		Has this Tank Operator filed Bankruptcy:	
Property Owner: same		Ownership: From:	To:
Property Owner Mailing Address:			
City:	State:	Zip:	
Property Owner Contact Person:	Phone:	Fax:	
Email address:			
Tax ID*:	Entity Type**:	Entity Status**:	
Registered Agent:		Has this Property Owner filed Bankruptcy:	
Property Owner:		Ownership: From:	To:
Property Owner Mailing Address:			
City:	State:	Zip:	
Property Owner Contact Person:	Phone:	Fax:	
Email address:			
Tax ID*:	Entity Type**:	Entity Status**:	
Registered Agent:		Has this Property Owner filed Bankruptcy:	
Which of these parties will be responsible for the corrective actions at this site? <input checked="" type="checkbox"/> Tank Owner <input type="checkbox"/> Tank Operator <input type="checkbox"/> Property Owner <input type="checkbox"/> Other (not the contractor or consultant):			
Name:		Customer Number (CN):	
Mailing Address:			
City:	State:	Zip:	
Contact Person:	Phone:	Fax:	
Email address:			
Note that no matter which party conducts corrective action, multiple parties may be jointly liable for the necessary corrective actions.			

* <https://mycpa.cpa.state.tx.us/coa/Index.html>

** <http://www.sos.state.tx.us/corp/sosda/index.shtml>

A. GENERAL INFORMATION (continued)

Indicate ALL tanks **currently and formerly** located at this site (attach pages as necessary):

	Type (UST/AST)	Product Type	Size (gallons)	Date Removed from Service
Current:	-- Select One --	-- Select One --		
	-- Select One --	-- Select One --		
	-- Select One --	-- Select One --		
	-- Select One --	-- Select One --		
	-- Select One --	-- Select One --		
Former:	UST	Gasoline	8,000	12/3/2015
	UST	Gasoline	8,000	12/3/2015
	-- Select One --	-- Select One --		
	-- Select One --	-- Select One --		
	-- Select One --	-- Select One --		

Please note, former tanks also removed in 1991

B. SUSPECTED RELEASE INFORMATION

Complete this section and sections D through F as appropriate when a release is suspected to have occurred.

Date suspected release discovered: _____ Reason release suspected: _____

Date suspected release reported to TCEQ: _____ Reported to: _____

Possible source(s) of release: (check all that apply) Tanks: USTs ASTs Piping Overfills/spills Unknown
 Other (explain): _____

Type of substance(s) suspected released (check all that apply): Gasoline Diesel Used Oil Aviation Gasoline
 Jet Fuel (type): _____ Alcohol-blended fuel (type and percentage of alcohol): _____
 Other (be specific): _____

Were UST/AST system tank and/or line tightness tests performed? YES NO If YES, attach test data and results.
 Did the tests indicate that all tanks and piping were tight? YES NO If NO, specify the portion of the tank system(s) that were found not to be tight: _____

Were any repairs conducted on the tank system(s)? YES NO If YES, describe type(s) and location of repairs: _____

Were tightness tests performed after repairs were conducted? YES NO If YES, attach test data and results.
 Did the tests indicate that the repaired items were tight? YES NO If NO, specify the portion of the tank system(s) that were found not to be tight: _____

Were any soil confirmation samples collected? YES NO If YES, were all potential source areas investigated?
 YES NO If samples were collected, attach descriptions of sample locations, collection methods, and laboratory results.

Were any groundwater confirmation samples collected? YES NO If YES, were all potential source areas investigated?
 YES NO If samples were collected, attach descriptions of sample locations, collection methods, aquifer name, and laboratory results. (Groundwater sampling is not required at this point unless there is reason to suspect an impact.)

C. CONFIRMED RELEASE INFORMATION

Complete this section if a release was confirmed.

Date release confirmed:

Date release reported to TCEQ:

Reported to:

Is this the first release from a UST or AST discovered at this site? YES NO

Are there any contaminants or potential impacts to human health from any source other than the tank system(s) at this site?

YES NO If YES, indicate type and location of contamination:

Reported to TCEQ by:

Representing:

Method of release discovery:

- | | |
|---|--|
| <input type="checkbox"/> Samples collected during tank removal-from-service activities | <input type="checkbox"/> Impact to utility line |
| <input type="checkbox"/> Samples collected during other tank system construction activities | <input type="checkbox"/> Impact to surface water |
| <input type="checkbox"/> Samples collected during release determination investigation | <input type="checkbox"/> Impact to water well |
| <input type="checkbox"/> Samples collected during an environmental site assessment | <input type="checkbox"/> Other: |

Method of release confirmation (check all that apply):

- Soil samples Tank pit water Groundwater samples Surface water samples Presence of NAPL

Source(s) of release (check all that apply): USTs ASTs Piping Dispenser Submersible Turbine Pump

Area Overfills/spills Unknown Other (be specific):

Substance(s) released (check all that apply): Gasoline Diesel Used Oil Aviation Gasoline

Alcohol-blended fuel (Type and percentage of alcohol):

Jet Fuel (type):

Other (be specific):

Amount of product released:

Chemical Abstract Service registry #:

(for hazardous substances)

Were any soil samples collected? YES NO If YES, attach descriptions of sample locations, collection methods and laboratory results.

Type of native soil (check one): Clay or silt Sand, gravel or rock

Were any tank pit water or groundwater confirmation samples collected? YES NO If YES, attach descriptions of sample locations, collection methods, and laboratory results.

Known Impact(s) (check all that apply): Soil GW Surface Water Subsurface Utilities (type):

Buildings Water wells Other sensitive receptors (be specific):

Was the land owner (if different from the tank owner or tank operator) notified of the contamination? YES NO If YES, attach copy of the letter which provided the notification. If NO, documentation that notification was provided must be submitted within 30 days from the date the impact is discovered.

Possibly Threatened (check all that apply): GW Surface Water Subsurface Utilities (type):

Buildings Water wells Other sensitive receptors (be specific):

Was NAPL detected (greater than 0.01 feet)? YES NO If YES, describe how and where it was detected, the thickness(s) detected, and the recovery actions taken:

Were abatement measures initiated to stop the release or to recover the released substance? YES NO If YES, describe the abatement and/or recovery measures taken and the dates and duration of the activities:

D. FIRE/TCEQ/OTHER OFFICIALS NOTIFIED

Were any officials notified (check one)? YES NO If YES, indicate:

<u>Name</u>	<u>Representing</u>	<u>Phone Number</u>	<u>Date(s) Notified</u>
Waste Program Mgr.	TCEQ - Region 11	512-339-2929	11/2/2015
City of Georgetown	City of Georgetown	512-930-8453	11/2/2015

Were any directives issued by TCEQ, fire, or other officials (check one)? YES NO If YES, describe directives and actions taken in response to the directive(s):

Mr. Don Jansen with the City of Georgetown was present and did not offer any directives.

Were any officials present (check one)? YES NO If YES, indicate:

<u>Name</u>	<u>Representing</u>	<u>Phone Number</u>	<u>Date(s) Present</u>
Don Jansen	Georgetown Fire Dept	512-930-8453	12/3/2015

E. WASTE DISPOSITION

Indicate the status of all wastes and other materials generated. If waste is reused, detail the purpose and location.

<u>Type of waste (soil, water, product)</u>	<u>Quantity and Units</u>	<u>Method and location of disposal or treatment</u>
Tank rinsate	300 gallons	HCC Facility - Luling, Texas
Tanks	2	Texas Disposal System - Georgetown

F. REPORT PREPARATION

This form must be signed by the tank owner or operator, or property owner as well as either 1) a LOSS or 2) a CAPM and CAS.

A Licensed On-Site Supervisor (LOSS) may complete and sign this form when the supervisor is acting in an approved capacity for tank removal-from-service or tank system repair activities.

Licensed On-Site Supervisor: _____ ILP Reg. #: _____ Exp. Date: _____
Company: _____
Phone: _____ Fax: _____ Email address: _____

Based on the results of the site investigation and the additional information presented herein, I certify that the site investigation activities performed either by me, or under my direct supervision, including subcontracted work, were conducted in accordance with accepted industry standards/practices and further, that all such tasks were conducted in compliance with applicable TCEQ published rules, guidelines and the laws of the State of Texas. I have reviewed the information included within this report, and consider it to be complete, accurate and representative of the conditions discovered during the site investigation. I acknowledge that if I intentionally or knowingly make false statements, representations, or certifications in this report, I may be subject to administrative, civil, and/or criminal penalties.

LOSS Signature: _____ Date: _____

Corrective Action Project Manager (CAPM): Chad M. Copeland PM Reg. #: 0000439 Exp. Date: 2/16/2019
Company: Ranger Environmental Services, Inc.
Phone: 512-335-1785 Fax: 512-335-0527 Email address: Chad@RangerEnv.com

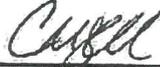
Based on the results of the site investigation and the additional information presented herein, I certify that the site investigation activities performed either by me, or under my direct supervision, including subcontracted work, were conducted in accordance with accepted industry standards/practices and further, that all such tasks were conducted in compliance with applicable TCEQ published rules, guidelines and the laws of the State of Texas. I have reviewed the information included within this report, and consider it to be complete, accurate and representative of the conditions discovered during the site investigation. I acknowledge that if I intentionally or knowingly make false statements, representations, or certifications in this report, I may be subject to administrative, civil, and/or criminal penalties.

CAPM Signature:  Date: 1/12/2016

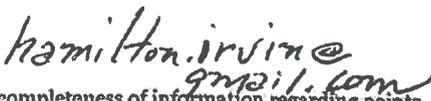
AND

CAS Representative: Chad Copeland CAS Reg. #: 115 Exp. Date: 10/2018
Company: Ranger Environmental Services, Inc.
Phone: 512-335-1785 Fax: 512-335-0527 Email address: Chad@RangerEnv.com

By my signature affixed below, I certify that I am the duly authorized representative of the Correction Action Specialist (CAS) named and that I have personally reviewed the site investigation results and other relevant information presented herein and considered them to be in accordance with accepted standards/practices and in compliance with the applicable TCEQ published rules, guidelines and the laws of the State of Texas. Further, that the information presented herein is considered complete, accurate and representative of the conditions discovered during the site investigation. I acknowledge that if I intentionally or knowingly make false statements, representations, or certifications in this report, I may be subject to administrative, civil, and/or criminal penalties.

Signature of CAS Representative:  Date: 1/12/2016

Name of Tank Owner or Operator, or Property Owner contact: Mr. Irvin Hamilton

Phone: 512-970-3586 Fax: 512-857-0231 Email address: 

By my signature affixed below, I certify that I have reviewed this report for accuracy and completeness of information regarding points of contact and the facility and storage tank system history and status. I acknowledge that if I intentionally or knowingly make false statements, representations, or certifications in this report related to the contact information, and the facility and storage tank system history and status information, I may be subject to administrative, civil, and/or criminal penalties. I attest that I have reviewed this report for accuracy and completeness. I understand that I am responsible for addressing this matter.

Signature:  1/15/16 Date: 1/15/16

F. REPORT PREPARATION

This form must be signed by the tank owner or operator, or property owner as well as either 1) a LOSS or 2) a CAPM and CAS.

A Licensed On-Site Supervisor (LOSS) may complete and sign this form when the supervisor is acting in an approved capacity for tank removal-from-service or tank system repair activities.

Licensed On-Site Supervisor: _____ ILP Reg. #: _____ Exp. Date: _____

Company: _____

Phone: _____ Fax: _____ Email address: _____

Based on the results of the site investigation and the additional information presented herein, I certify that the site investigation activities performed either by me, or under my direct supervision, including subcontracted work, were conducted in accordance with accepted industry standards/practices and further, that all such tasks were conducted in compliance with applicable TCEQ published rules, guidelines and the laws of the State of Texas. I have reviewed the information included within this report, and consider it to be complete, accurate and representative of the conditions discovered during the site investigation. I acknowledge that if I intentionally or knowingly make false statements, representations, or certifications in this report, I may be subject to administrative, civil, and/or criminal penalties.

LOSS Signature: _____ Date: _____

Corrective Action Project Manager (CAPM): Chad M. Copeland PM Reg. #: 0000439 Exp. Date: 2/16/2019

Company: Ranger Environmental Services, Inc.

Phone: 512-335-1785 Fax: 512-335-0527 Email address: Chad@RangerEnv.com

Based on the results of the site investigation and the additional information presented herein, I certify that the site investigation activities performed either by me, or under my direct supervision, including subcontracted work, were conducted in accordance with accepted industry standards/practices and further, that all such tasks were conducted in compliance with applicable TCEQ published rules, guidelines and the laws of the State of Texas. I have reviewed the information included within this report, and consider it to be complete, accurate and representative of the conditions discovered during the site investigation. I acknowledge that if I intentionally or knowingly make false statements, representations, or certifications in this report, I may be subject to administrative, civil, and/or criminal penalties.

CAPM Signature:  Date: 1/12/2016

AND

CAS Representative: Chad Copeland CAS Reg. #: 115 Exp. Date: 10/2018

Company: Ranger Environmental Services, Inc.

Phone: 512-335-1785 Fax: 512-335-0527 Email address: Chad@RangerEnv.com

By my signature affixed below, I certify that I am the duly authorized representative of the Correction Action Specialist (CAS) named and that I have personally reviewed the site investigation results and other relevant information presented herein and considered them to be in accordance with accepted standards/practices and in compliance with the applicable TCEQ published rules, guidelines and the laws of the State of Texas. Further, that the information presented herein is considered complete, accurate and representative of the conditions discovered during the site investigation. I acknowledge that if I intentionally or knowingly make false statements, representations, or certifications in this report, I may be subject to administrative, civil, and/or criminal penalties.

Signature of CAS Representative:  Date: 1/12/2016

Name of Tank Owner or Operator, or Property Owner contact: Mr. Irvin Hamilton

Phone: 512-970-3586 Fax: _____ Email address: _____

By my signature affixed below, I certify that I have reviewed this report for accuracy and completeness of information regarding points of contact and the facility and storage tank system history and status. I acknowledge that if I intentionally or knowingly make false statements, representations, or certifications in this report related to the contact information, and the facility and storage tank system history and status information, I may be subject to administrative, civil, and/or criminal penalties. I attest that I have reviewed this report for accuracy and completeness. I understand that I am responsible for addressing this matter.

Signature: _____ Date: _____

DISPOSAL DOCUMENTATION

Petroleum Solutions, Inc.

1804 Smith Road
Austin, Texas 78721
512-278-1000 F:512-278-1006

Certificate of Destruction

Date: 12/30/2015

Job Number: 7640

Location: Georgetown 66 321 N Intersate 35 Georgetown, TX

To: Whom it may concern

Petroleum Solutions, Inc. certifies the below described Underground Storage Tanks or other described materials to have been cleaned and inerted in accordance with TCEQ regulations and industry standards, then rendered no longer useful by cutting steel tanks for scrap metal recycling or crushing of FRP tank vessels for disposal at an approved Type I landfill facility.

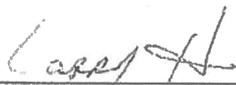
The below detailed items were disposed of by:

Texas Disposal Systems
113 E 8th St.
Georgetown, TX 78626

Description of tanks or materials for disposal:

1. 8,000-gallon FRP
2. 8,000-gallon FRP

I certify that the above tanks or materials were disposed of in a lawful manner, and that the above statements are accurate in the disposition of the listed items.



For Petroleum Solutions, Inc.



EMP ID #	SVC WK	WORK ORDER #	SVC REQ	AGRMT #	PURCHASE ORDER #	PAGE
		900608				1091
CCMS CUST. ID #	ROUTE		FEDERAL EPA ID #			
GEN. STATUS	STATE EPA ID #		COMMENTS			
CCMS WO#						

CUSTOMER/SHIPPER: Pickle Solutions 2145 S. Proctor Ave. TX	DESTINATION: HCC 200 E. Pierce St. Lubbock TX
Contact Name: Larry Allen 806-889-7555	Phone Number: 806-889-7555

CARRIER: HERITAGE-CRYSTAL CLEAN, LLC EPA ID #: ILR 000 130 062 Phone Number: (877) 938-7948

16 GAL. DRUMS	30 GAL. DRUMS	55 GAL. DRUMS	PROPER SHIPPING NAME	TOTAL	UNITS
			Non-Halogenated (Pickle etc.) UN, 1993 Flammable Liquids N.O.S. (Fuel/Water mixture) 3.2% H	300	Gal

This is to certify that the above-named materials are properly classified, described, packaged, marked and labeled and are in proper condition for transport according to the applicable regulations of the Department of Transportation, as required. I also certify that neither hazardous waste, nor PCBs have been mixed with the used oil and/or parts cleaner solvent (if applicable).

Per <u>Pickles</u> AN/PLI Customer/Shipper	Date <u>12-3-15</u>	Per <u>Jose Morales</u> HCC/Carrier	Date <u>12-03-15</u>
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SUMMARY OF CHARGES

WS #	PROD. CODE	DESCRIPTION	RTD. GALS.	UNIT	SI	NEXT SVC.	LOCATION COMMENTS	UNIT PRICE	QTY.	TOTAL CHARGE
	1101	Liquids						\$ 972	300	291.00
	1103	Trans (F. & 3 Hrs)						\$ 306.39	1	306.39
	1104	Trans (P&K 3 Hrs)						\$ 306.39	1	306.39
	1110	Surcharge						15%		146.81
	1200	Sample Green						25.00		75.00
								TAX	92.86	
								SERVICE SUBTOTAL		1218.45

PRODUCTS

PRODUCT DESCRIPTION:	UNIT PRICE	QTY.	CHARGE
			1218.45

PRODUCT SALES TAX
SUBTOTAL PRODUCT & TAX

MACHINE INSPECTION	SERVICE/PRODUCTS CHARGE SUMMARY
Cleanliness G P	CUSTOMER HEREBY VERIFIES THAT THE ABOVE SERVICES WERE PERFORMED AND THAT SAID SERVICES AND THE CHARGES THEREFORE ARE HEREBY ACCEPTED. CUSTOMER ALSO HEREBY REAFFIRMS THE ACCURACY AND COMPLETENESS OF ALL INFORMATION CONTAINED IN THIS WORK ORDER AND ALL DOCUMENTATION PREVIOUSLY SUBMITTED TO HCC. THIS WORK ORDER IS DEEMED PART OF THE SERVICE AGREEMENT BETWEEN HERITAGE CRYSTAL CLEAN, LLC AND THE CERTIFICATIONS CONTAINED THEREIN CONCERNING THE MATERIALS TO BE HANDLED AND THE SERVICES TO BE PROVIDED ARE INCORPORATED HEREIN BY REFERENCE AND DEEMED PART HEREOF AND SAID CERTIFICATIONS ARE DEEMED REMADE FOR THE SERVICES COVERED BY THIS WORK ORDER.
Lamp Assembly G P	
Drum Condition G P	
Fusible Link Installed G P	
Lid Unobstructed G P	
Properly Grounded G P	
Local Phone & Aligned G P	PER <u>[Signature]</u> DATE <u>12-3-15</u>
Decals in Place G P	TODAY'S SERVICE
	PRODUCT & TAX
	TOTAL AMOUNT DUE
	TOTAL REMITTANCE
	CHECK NUMBER

TCEQ CONSTRUCTION NOTIFICATION FORM
&
TCEQ UST REGISTRATION & SELF-
CERTIFICATION FORM

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY
Underground & Aboveground Storage Tank
Construction Notification Form

Facility Name: Georgetown 66 Facility I D: 26064
Address/Location: 321 N Interstate 35 County: Williamson
City: Georgetown Phone: 512-970-3586

TYPE OF CONSTRUCTION: (INDICATE ALL THAT APPLY)

U S T: Repair Removal Abandonment Installation
 Improvement Return to Service Stage I Tank Capacity:
 Installation Replacement (Tank) Stage I
Scheduled date for proposed construction: 12/1/2015

GENERAL DESCRIPTION OF PROPOSED U S T/A S T ACTIVITY

Remove existing 2-8,000-gallon FRP tanks from ground and complete closure of fueling system.

OWNER INFORMATION

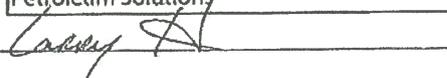
Owner Name: S P Holmes Inc Owner I D: 726
Owner's Representative: Irvin Hamilton Phone: 512-970-3586
Mailing Address (include city/state/zip):
8850 Business Park Dr STE 300, Austin, TX 78759
Fax:
Email: hamilton.irvin@gmail.com

CONTRACTOR INFORMATION

Company: Petroleum Solutions Inc
Representative: Larry Holybee
Mailing Address (include city/state/zip):
1804 Smith Rd Austin, TX 78721
Phone: 512-278-1000 Fax: 512-278-1006
CRP: 000821 ILP: 0000092

CONSULTANT INFORMATION

Company: Ranger Environmental
Representative: Chad Copeland
Mailing Address (include city/state/zip):
7215 McNeil Dr Austin, TX 78729
Phone: 512-335-1785 Fax:

Submitted by (Print name): Larry Holybee
Company: Petroleum Solutions
Signature: 

Title: Project Manager
Date: 11/02/15

Mail completed forms to:

TCEQ Staff Use Only

Texas Commission on Environmental Quality
PST Registration & Self-Certification Team (MC-138)
PO Box 13087
Austin, TX 78711-3087

Date Received: _____
Region: _____
Remarks: _____
Logged by: _____

PST / / CO / / UST
For internal use only

Owner's Customer No.: CN 600743017

Facility's Regulated Entity No.: RN 102757481

TCEQ - UNDERGROUND STORAGE TANK REGISTRATION & SELF-CERTIFICATION FORM
(Use this form for filing registration and self-certification information) Page 1 of 5

For Use in TEXAS		<p>Texas Commission On Environmental Quality</p> <p>• Please mail completed form to: Petroleum Storage Tank Registration Team (MC-138) Texas Commission on Environmental Quality P. O. Box 13087 Austin, Texas 78711-3087 (512) 239-2160 Fax (512)239-3398 *MAKE A COPY OF FORM FOR YOUR RECORDS*</p>	<p>TCEQ Facility ID No.: 26064</p> <p>TCEQ Owner ID No.: 726</p> <p>Federal Tax ID No. :</p>
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1. TANK OWNER INFORMATION

TANK OWNER BUSINESS OR LAST NAME: S P Holmes Inc		TANK OWNER FIRST NAME		TYPE OF TANK OWNER:			
OWNER MAILING ADDRESS 8850 Business Park Drive Ste. 300				<input type="checkbox"/> Individual <input checked="" type="checkbox"/> Corporation <input type="checkbox"/> Common Carrier Railroad <input type="checkbox"/> Federal Gov't <input type="checkbox"/> State Gov't <input type="checkbox"/> Local Gov't <input type="checkbox"/> County Gov't <input type="checkbox"/> City Gov't <input type="checkbox"/> Sole Proprietorship			
				LOCATION OF RECORDS: <input type="checkbox"/> At facility <input checked="" type="checkbox"/> Offsite at: S P Holmes Inc			
CITY: Austin	STATE: Tx	ZIP CODE: 78759	OFFSITE RECORDS LOCATION ADDRESS 8850 Business Park Dr. Ste		CITY Austin	STATE Tx	
COUNTRY (OUTSIDE USA)	E-MAIL ADDRESS		RECORDS CUSTODIAN/CONTACT PERSON: Mr. Irvin Hamilton		TELEPHONE NO. 512-970-3586		
OWNER'S AUTHORIZED REPRESENTATIVE TITLE: Mr. Irvin Hamilton		TELEPHONE NO. 512-970-3586		FAX NO:		INDEPENDENTLY OWNED & OPERATED <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	
STATE FRANCHISE TAX ID 17422411078	DUNS NO		NUMBER OF EMPLOYEES <input type="checkbox"/> 0-20 <input type="checkbox"/> 21-100 <input type="checkbox"/> 101-250 <input type="checkbox"/> 251-500 <input type="checkbox"/> 501 & HIGHER				

**** For Self-Certification only this form will not be processed until all delinquent fees and/or penalties owed to the TCEQ or the Office of the Attorney General on behalf of the TCEQ are paid in accordance with the Delinquent Fee and Penalty Protocol. ****

2. FACILITY INFORMATION

FACILITY NAME: Georgetown 66			TYPE OF FACILITY: <input type="checkbox"/> Emergency Generator <input type="checkbox"/> Wholesale <input checked="" type="checkbox"/> Retail <input type="checkbox"/> Farm or Residential <input type="checkbox"/> Fleet Refueling <input type="checkbox"/> Aircraft Refueling <input type="checkbox"/> Indian Land <input type="checkbox"/> Watercraft Fueling <input type="checkbox"/> Industrial/Manufacturing/Chemical Plant			
PHYSICAL LOCATION: 321 N IH 35			Number of regulated *USTs at this facility: <input type="text" value="0"/> *Underground Storage Tanks (USTs) Number of regulated *ASTs at this facility: <input type="text" value="0"/> *Aboveground Storage Tanks (ASTs)			
CITY: Georgetown	ZIP CODE TX 78628	COUNTY: Williamson	ON-SITE CONTACT PERSON TITLE: TELEPHONE No.:		PRIMARY SIC CODE SECONDARY SIC CODE	
E_MAIL ADDRESS:		FAX NUMBER		PRIMARY NAICS CODE SECONDARY NAICS CODE		
LATITUDE Degrees 30	Minutes 39	Seconds 12.02	LONGITUDE Degrees -97	Minutes 40	Seconds 40.85	

***** PRIOR TO RETAIL SALE OF FUEL TO THE PUBLIC USING MEASURED DISPENSING DEVICES, ANY METER MUST BE REGISTERED WITH THE TEXAS DEPARTMENT OF AGRICULTURE 1-800-TELL-TDA (1-800-835-5832).**

3. TANK OPERATOR*INFORMATION (mark here if same as owner)

* "Operator" means any person in day-to-day control of, and having responsibility for, the daily operation of the UST system.

TCEQ Operator ID No.: CN (Assigned by TCEQ)	
TANK OPERATOR NAME: <u>(Do NOT LIST EMPLOYEES OF OPERATOR)</u>	TYPE OF TANK OPERATOR:
MAILING ADDRESS:	<input type="checkbox"/> Individual <input type="checkbox"/> Corporation <input type="checkbox"/> Sole Proprietorship <input type="checkbox"/> Federal Gov't <input type="checkbox"/> State Gov't <input type="checkbox"/> County Gov't <input type="checkbox"/> Local Gov't <input type="checkbox"/> City Gov't
CITY: STATE: ZIP CODE:	Date listed person became operator: <input type="text"/>
OPERATOR'S AUTHORIZED REPRESENTATIVE: TITLE: TELEPHONE NO.:	

TCEQ Facility ID No. 26064

TCEQ- UST REGISTRATION & SELF-CERTIFICATION FORM

7. SELF CERTIFICATION OF COMPLIANCE WITH UST REQUIREMENTS

Important: Completion of this section is required before TCEQ issues a UST Delivery Certificate. Delivery of regulated substances into regulated USTs is prohibited by state law unless a valid, current Delivery Certificate is available and/or displayed at the UST facility. Any responses marked ANO, or any incomplete submittal, will result in non-issuance of a Delivery Certificate for this facility.

● INDICATE RESPONSES TO EACH QUESTION BY MARKING X IN THE APPROPRIATE SPACE AT THE RIGHT.		YES	NO
REGISTRATION	● For regulated UST systems at the facility indicated below is the registration information filed with the TCEQ pursuant to §334.7 of TCEQ rules (including information in this filing) complete, accurate, & up-to-date?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
FACILITY FEES	● For regulated UST systems at the facility indicated below, have all facility fees billed to date to the current owner been paid in full (i.e., annual fees plus all late fees, penalties, & interest)? (Does not apply to common carrier railroads)	<input type="checkbox"/>	<input type="checkbox"/>
FINANCIAL ASSURANCE	● For regulated UST systems at the facility indicated below, does financial assurance coverage meet TCEQ requirements, as described in Chapter 37 Subchapter I of TCEQ rules for first-party corrective action, third-party bodily-injury, and third-party property damage in the event of a petroleum release from these UST systems?	<input type="checkbox"/>	<input type="checkbox"/>
TECHNICAL STANDARDS	● For regulated UST systems at the facility indicated below, are all in compliance with technical standards, as described in TCEQ rules in §334.49 (relating to Corrosion Protection), §334.50 (relating to Release Detection), §334.51 (relating to Spill and Overfill Prevention and Control) and §334.43 (relating to Variances and Alternative Procedures) if a written variance to all or part of the requirements of the previous three sections has been granted by the TCEQ? (A Yes response indicates that recordkeeping requirements and reporting duties have been met for 60 days prior to and including the date of certification.)	<input type="checkbox"/>	<input type="checkbox"/>

I am certifying that the following UST systems at this facility are in compliance:
 Tank ID #(s) 1 2 3 4 as numbered on Pages 4 and 5 of this form.
If certifying more UST systems, please list additional ID #s on another form.

This Self-Certification will not be processed or Delivery Certificate created unless Proof of Financial Assurance has been provided with this form. (State & Federal Entities Exempt)

8. FINANCIAL ASSURANCE INFORMATION

Financial Assurance (Petroleum USTs only)
 Does this facility meet Financial Assurance (FA) requirements for both 1st party corrective action and 3rd party bodily injury/property damage liability? Yes No Exempt (state and federal entities only)

If YES, identify FA mechanism(s): Insurance (or risk retention group) Financial test Guarantee* Letter of credit*
 Surety bond* Local Gov. financial test** Local Gov. guarantee** Trust fund
 *Also requires stand-by trust fund. ** Only available to local governments (counties, municipalities, and special districts).

Information pertaining to the financial assurance mechanism(s) used to demonstrate financial assurance under Chapter 37, Subchapter I of Title 30, Texas Administrative Code is as follows:

Name of Issuer:	Phone # of Issuer:	Policy or mechanism #:
Coverage period Beginning: Ending:	Coverage Amounts: Occurrence \$ Annual Aggregate \$	Insurance Premium pre-paid for entire year?*** <input type="checkbox"/> Yes <input type="checkbox"/> No***For information purposes only

For questions regarding Financial Assurance, call the Financial Assurance Section at (512) 239-0300

9. TANK OWNER/OPERATOR SELF-CERTIFICATION (for Delivery Certificate)

I hereby certify under penalty of law to the following:
 ● I am the (mark one): owner ... legally-authorized representative of the owner ...
 operator ... legally-authorized representative of the operator ...
 ... of the regulated underground storage tank (UST) systems at this facility; AND
 ● I have personally examined and am familiar with the information included in Sections 1 through 4 AND 7; AND 8
 ● Based on my current knowledge and understanding, the submitted information is true, accurate, and complete; AND
 ● I understand that any person who intentionally or knowingly submits false information on this form is subject to criminal prosecution.

PRINTED NAME OF OWNER/OPERATOR (OR AUTHORIZED REPRESENTATIVE) _____ TITLE _____
 SIGNATURE OF OWNER/OPERATOR (OR AUTHORIZED REPRESENTATIVE) _____ DATE OF SIGNATURE (PLEASE PRINT) _____

10. TANK OWNER/OPERATOR REGISTRATION (for Initial Registration or Changes)

I hereby represent the following:
 ● I am the (mark one): owner ... legally-authorized representative of the owner ...
 operator ... legally-authorized representative of the operator ...
 ... of the regulated underground storage tank (UST) systems at this facility; AND
 ● I have personally examined and am familiar with the information included in Sections 1 through 4, and Sections 8, 11 - 12; AND
 ● Based on my current knowledge and understanding, the submitted information is true, accurate, and complete and that I have signature authority to submit this form on behalf of the entity in Section 1 and/or as required for the updates to the ID numbers identified in Section 5; AND
 ● I understand that any person who intentionally or knowingly submits false information on this form is subject to criminal prosecution.

PRINTED NAME OF OWNER/OPERATOR (OR AUTHORIZED REPRESENTATIVE) Mr. Irvin Hamilton TITLE OWNER REPRESENTATIVE
 SIGNATURE OF OWNER/OPERATOR (OR AUTHORIZED REPRESENTATIVE) [Signature] DATE OF SIGNATURE (PLEASE PRINT) 11/15/16

TCEQ- UST REGISTRATION & SELF-CERTIFICATION FORM

11. INSTALLER/ON-SITE SUPERVISOR CERTIFICATION

NOTE: This section must be completed and signed by the Installer or On-Site Supervisor.
 Leave blank if no tank or underground line installation activity is involved.

Was tank and/or line testing completed during and after installation? Yes No

DATE(S) INSTALLATION ACTIVITIES PERFORMED: CONTRACTOR (COMPANY OR FIRM): TCEQ CRP No.:
 CRP

INDIVIDUAL INSTALLER/ ON-SITE SUPERVISOR: TCEQ ILP No.:
 ILP

I hereby certify that the information provided concerning recent installations were conducted by me or under my direct supervision, that I am familiar with the TCEQ requirements applicable to such activities and that to the best of my knowledge and belief such activities were performed in conformance with applicable TCEQ UST regulations.

SIGNATURE OF INSTALLER/SUPERVISOR: DATE OF SIGNATURE

Important: The information in the following sections regarding the UST system(s) at this facility must be properly completed in sufficient detail to support registration. UST owners & operators are encouraged to examine their UST records and/or consult with their UST equipment installers, service technicians, and/or insurance providers to ensure that this information is accurate and complete.

12. TANK IDENTIFICATION/DESCRIPTION

Tank Identification <i>Number each tank compartment at your site consistent with Rule 334.8(c)(5)(C).</i>	1	2		
Tank Installation Date (Month/day/year)				
Tank Capacity (in U.S. gallons)	8,000	8,000		
Tank Status (Mark One Status & Indicate Date, if Applicable)				
1-Currently in Use	1- <input type="checkbox"/>	1- <input type="checkbox"/>	1- <input type="checkbox"/>	1- <input type="checkbox"/>
2-Temporarily out of service (date)	2- <input type="text"/>	2- <input type="text"/>	2- <input type="text"/>	2- <input type="text"/>
- Meets TCEQ Definition of Empty?-Yes or No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No
3-Perm. filled in place w/ sand, concrete, etc.(date)	3- <input type="text"/>	3- <input type="text"/>	3- <input type="text"/>	3- <input type="text"/>
4-Permanently removed from the ground (date)	4- 12/3/2015	4- 12/3/2015	4- <input type="text"/>	4- <input type="text"/>
Current/Last Substance Stored (Mark All that Apply)				
1-Gasoline	1- <input type="checkbox"/>	1- <input type="checkbox"/>	1- <input type="checkbox"/>	1- <input type="checkbox"/>
2-Diesel	2- <input type="checkbox"/>	2- <input type="checkbox"/>	2- <input type="checkbox"/>	2- <input type="checkbox"/>
3-Kerosene	3- <input type="checkbox"/>	3- <input type="checkbox"/>	3- <input type="checkbox"/>	3- <input type="checkbox"/>
4-Used Oil	4- <input type="checkbox"/>	4- <input type="checkbox"/>	4- <input type="checkbox"/>	4- <input type="checkbox"/>
5-New Oil	5- <input type="checkbox"/>	5- <input type="checkbox"/>	5- <input type="checkbox"/>	5- <input type="checkbox"/>
6-Other Petroleum Substance (specify)	6- <input type="text"/>	6- <input type="text"/>	6- <input type="text"/>	6- <input type="text"/>
7a-CERCLA Hazardous Substance (specify)	7a- <input type="text"/>	7a- <input type="text"/>	7a- <input type="text"/>	7a- <input type="text"/>
7b-Chemical Abstract Service (CAS) No.	7b-# <input type="text"/>	7b-# <input type="text"/>	7b-# <input type="text"/>	7b-# <input type="text"/>
7c-Hazardous Substances Mixture (specify)	7c- <input type="text"/>	7c- <input type="text"/>	7c- <input type="text"/>	7c- <input type="text"/>
8-Petroleum/Hazardous Substances Mixture (specify)	8- <input type="text"/>	8- <input type="text"/>	8- <input type="text"/>	8- <input type="text"/>

13. UST SYSTEM TECHNICAL INFORMATION

Tank & Piping Design (Mark One for Tank & Piping)	Tank	Piping	Tank	Piping	Tank	Piping	Tank	Piping
1-Single-Wall	1- <input type="checkbox"/>	<input type="checkbox"/>						
2-Double-Wall	2- <input type="checkbox"/>	<input type="checkbox"/>						
External Containment (Mark all that apply)								
3-Factory-Built Nonmetallic Jacket	3- <input type="checkbox"/>	<input type="checkbox"/>						
4a-Synthetic Tank-Pit/Piping-Trench Liner	4a- <input type="checkbox"/>	<input type="checkbox"/>						
4b-Tank Vault/Rigid Trench Liner	4b- <input type="checkbox"/>	<input type="checkbox"/>						
Type of Piping (Mark One)								
5a-Pressurized		5a- <input type="checkbox"/>						
5b-Suction		5b- <input type="checkbox"/>						
5c-Gravity		5c- <input type="checkbox"/>						
Tank Internal Protection								
6-Internal Tank Lining (Indicate date)	6- <input type="text"/>							

TCEQ- UST REGISTRATION & SELF-CERTIFICATION FORM

13. UST SYSTEM TECHNICAL INFORMATION CONTINUED FROM PAGE 4

Tank Identification (e.g. 1, 2, 3, 4, etc.)	2		2					
Tank & Piping Materials (Mark all that apply)	Tank	Piping	Tank	Piping	Tank	Piping	Tank	Piping
1-Steel	1 - <input type="checkbox"/>	<input type="checkbox"/>						
2-FRP (fiberglass-reinforced plastic)	2 - <input type="checkbox"/>	<input type="checkbox"/>						
3-Composite tank (steel w/external FRP cladding)	3 - <input type="checkbox"/>	N/A						
4-Concrete	4 - <input type="checkbox"/>	<input type="checkbox"/>						
5a-Jacketed (steel w/external nonmetallic jacket)	5a- <input type="checkbox"/>	<input type="checkbox"/>						
5b-Coated (steel w/external polyurethane cladding)	5b- <input type="checkbox"/>	N/A						
5c-Nonmetallic flexible piping	5c-N/A	<input type="checkbox"/>						
Piping Connectors & Valves (Mark all that apply)								
6-Shear/Impact Valves (under dispenser)	6-N/A	<input type="checkbox"/>						
7-Steel swing-joints (at ends of piping)	7-N/A	<input type="checkbox"/>						
8-Flexible connectors (at ends of piping)	8-N/A	<input type="checkbox"/>						
Tank/Piping Corrosion Protection (Mark all that apply)	Tank	Piping	Tank	Piping	Tank	Piping	Tank	Piping
1-External dielectric coating/laminate/tape/wrap	1- <input type="checkbox"/>	<input type="checkbox"/>						
2a-Listed/certified factory-installed cathodic protection	2a- <input type="checkbox"/>	<input type="checkbox"/>						
2b-Certified field-installed cathodic protection	2b- <input type="checkbox"/>	<input type="checkbox"/>						
3a-Listed composite tank (steel w/FRP external laminate)	3a- <input type="checkbox"/>	N/A						
3b-Listed coated tank (steel w/external polyurethane laminate)	3b- <input type="checkbox"/>	N/A						
4a-Listed FRP tank or piping (non-corrodible)	4a- <input type="checkbox"/>	<input type="checkbox"/>						
4b-Listed nonmetallic flexible piping (non-corrodible)	4b-N/A	<input type="checkbox"/>						
5a-Listed/certified external nonmetallic jacket	5a- <input type="checkbox"/>	N/A						
5b-Isolated in open-area (e.g., sump, boot, etc.) or secondary containment device (e.g., wall, jacketed or liner)	5b-N/A	<input type="checkbox"/>						
6-Dual protected	6- <input type="checkbox"/>	N/A						
7-Unnecessary per corrosion protection specialist	7- <input type="checkbox"/>	<input type="checkbox"/>						
Tank & Piping Release Detection (Mark all that apply)	Tank	Piping	Tank	Piping	Tank	Piping	Tank	Piping
1-External vapor/tracer monitoring	1- <input type="checkbox"/>	<input type="checkbox"/>						
2-External groundwater monitoring	2- <input type="checkbox"/>	<input type="checkbox"/>						
3-Monitoring of secondary containment barrier	3- <input type="checkbox"/>	<input type="checkbox"/>						
4-Automatic tank gauge test & inventory control	4- <input type="checkbox"/>	N/A						
5-Interstitial monitoring within secondary wall/jacket	5- <input type="checkbox"/>	<input type="checkbox"/>						
6a-Monthly piping tightness test (@ 0.2 gph)	6a-N/A	<input type="checkbox"/>						
6b- Annual piping tightness test / Annual electronic monitoring (@ 0.1gph)	6b-N/A	<input type="checkbox"/>						
6c-Triennial tightness test (for suction/gravity piping)	6c-N/A	<input type="checkbox"/>						
6d-Auto. line leak detector (3.0gph for pressure piping)	6d-N/A	<input type="checkbox"/>						
7a-Weekly manual tank gauging (tanks ≤ 1,000 gal)	7a- <input type="checkbox"/>	N/A						
7b-Monthly tank gauging (for emer. generator tanks)	7b- <input type="checkbox"/>	N/A						
8-SIR-Statistical Inventory Reconciliation & inv. Control	8- <input type="checkbox"/>	<input type="checkbox"/>						
9-Exempt system suction	9- N/A	<input type="checkbox"/>						
Spill Containment & Overfill Prevention Equipment								
1- Tight-fill fitting	1 - <input type="checkbox"/>							
2- Factory-built spill container/bucket/sump	2 - <input type="checkbox"/>							
3a-Delivery shut-off valve (set@ ≤95%capacity)	3a- <input type="checkbox"/>							
3b-Flow restrictor valve, e.g., vent ball-float (set@ ≤90% cap.)	3b- <input type="checkbox"/>							
3c-Alarm (set@ ≤90%), w/3a or 3b (set@ ≤98% cap.)	3c- <input type="checkbox"/>							
4 - N/A - All deliveries to tank are ≤ 25 gal. each	4 - <input type="checkbox"/>							
Stage I Vapor Recovery								
* See 30 TAC 115 for rule & location exemption information.								
1-Stage I (UST to tanker truck): Installation date:	1- <input type="text"/>							
• Type: 1a-Stage I two-point system	1a- <input type="checkbox"/>							
1b-Stage I coaxial system	1b- <input type="checkbox"/>							
• Exempt by: 1c-TCEQ Rule*	1c- <input type="checkbox"/>							

PHOTOGRAPHIC DOCUMENTATION



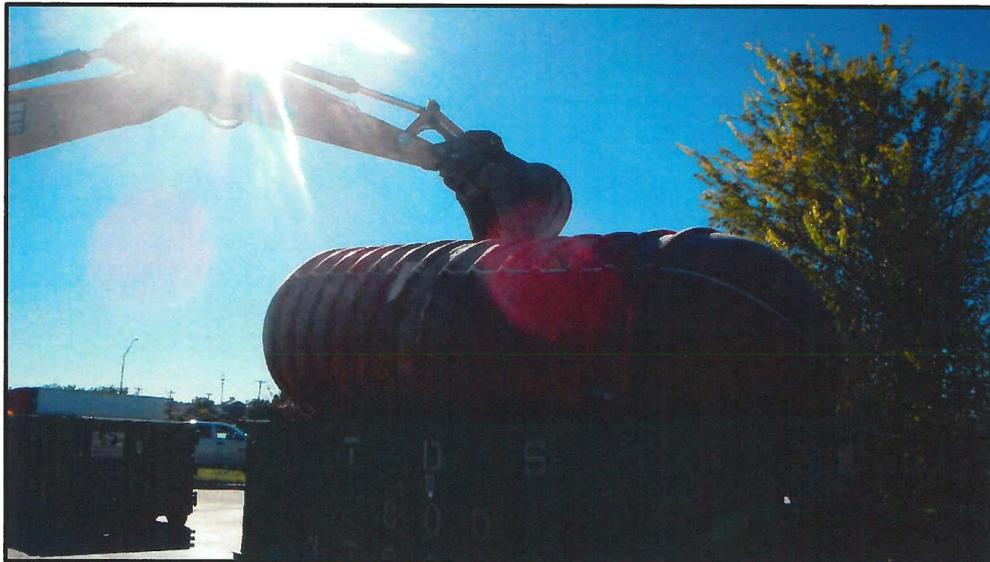
PHOTOGRAPH 1: A view of the tank excavation prior to removal.



PHOTOGRAPH 2: Photograph showing the excavated pipe chase leading to the removed dispensers.



PHOTOGRAPH 3: Photograph documenting the tank removal process.



PHOTOGRAPH 4: Photograph documenting a tank crushing process.

ANALYTICAL REPORTS



8127 Mesa Dr. #C-305 * Austin, TX. 78759
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Dan Airey
Ranger Environmental Services, Inc.
P.O. Box 201179
Austin, Texas 78720

Report Date: 12/21/2015
Report #: I150907
Project ID: 321 N. IH-35 UST Removal

Dear Dan Airey,

Integrity Testing received samples from the above referenced project on 12/03/2015 for the analyses presented in the following report.

The analytical data relates directly to the samples received by Integrity Testing and for only the analytes requested. Samples were intact and properly preserved unless otherwise noted in the Case Narrative. Results are reported as received unless otherwise noted.

QC sample results for this data met EPA or laboratory specifications except as noted in the Case Narrative or as noted with qualifiers in the QC batch information. This laboratory report may only be reproduced in full.

If you need any assistance with this report, please let me know.

Sincerely,

A handwritten signature in black ink, appearing to read "C. Ewert", is written over a light blue circular stamp.

Chris Ewert
Laboratory Manager



Certificate #: TX:T104704525-15-3



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Dan Airey
Ranger Environmental Services, Inc.
P.O. Box 201179
Austin, Texas 78720

Report Date: 12/21/2015
Report #: I150907
Project ID: 321 N. IH-35 UST Removal

CASE NARRATIVE



8127 Mesa Dr. #C-305 * Austin, TX. 78759
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Dan Airey
Ranger Environmental Services, Inc.
P.O. Box 201179
Austin, Texas 78720

Report Date: 12/21/2015
Report #: I150907
Project ID: 321 N. IH-35 UST Removal

SAMPLE SUMMARY

<u>Lab Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
I150907-1	E Tank - N	Soil	12/03/2015	12/03/2015
I150907-2	E Tank - Fill	Soil	12/03/2015	12/03/2015
I150907-3	E Tank - S	Soil	12/03/2015	12/03/2015
I150907-4	W Tank - N	Soil	12/03/2015	12/03/2015
I150907-5	W Tank - Fill	Soil	12/03/2015	12/03/2015
I150907-6	W Tank - S	Soil	12/03/2015	12/03/2015
I150907-7	PC-1	Soil	12/03/2015	12/03/2015
I150907-8	PC-2	Soil	12/03/2015	12/03/2015
I150907-9	PC-3	Soil	12/03/2015	12/03/2015
I150907-10	PC-4	Soil	12/03/2015	12/03/2015
I150907-11	PC-5	Soil	12/03/2015	12/03/2015
I150907-12	SP-1	Soil	12/03/2015	12/03/2015
I150907-13	SP-2	Soil	12/03/2015	12/03/2015
I150907-14	SP-3	Soil	12/03/2015	12/03/2015
I150907-15	SP-4	Soil	12/03/2015	12/03/2015
I150907-16	D-1	Soil	12/03/2015	12/03/2015
I150907-17	D-2	Soil	12/03/2015	12/03/2015
I150907-18	D-3	Soil	12/03/2015	12/03/2015



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Report Date: 12/21/2015
Report #: I150907
Project ID: 321 N. IH-35 UST Removal

ANALYTICAL DATA REPORT

Client Sample ID: E Tank - N
Date Collected: 12/03/2015
Date Received: 12/03/2015

Lab Sample ID: I150907-1
Matrix: Soil
% Moisture: 6.3

Volatile Organics

Method: SW846-8260

QC Batch ID: QC652

<u>CAS#</u>	<u>Analyte</u>	<u>Result</u>	<u>SDL</u>	<u>MQL</u>	<u>Units</u>	<u>Qualifiers</u>	<u>Prep Date</u>	<u>Date Analyzed</u>	<u>Analyst</u>
1634-04-4	MTBE	<0.0027	0.0027	0.0053	mg/Kg-dry			12/07/2015	PC
71-43-2	Benzene	<0.0027	0.0027	0.0053	mg/Kg-dry			12/07/2015	PC
108-88-3	Toluene	0.0057	0.0027	0.0053	mg/Kg-dry			12/07/2015	PC
100-41-4	Ethylbenzene	<0.0027	0.0027	0.0053	mg/Kg-dry			12/07/2015	PC
1330-20-7	Xylene (total)	0.0045	0.0027	0.0053	mg/Kg-dry	J		12/07/2015	PC

Total Petroleum Hydrocarbons

Method: Tx1005

QC Batch ID: QC632

<u>CAS#</u>	<u>Analyte</u>	<u>Result</u>	<u>SDL</u>	<u>MQL</u>	<u>Units</u>	<u>Qualifiers</u>	<u>Prep Date</u>	<u>Date Analyzed</u>	<u>Analyst</u>
	TPH, Total	<9	9	21	mg/Kg-dry		12/04/2015	12/09/2015	PC
	nC6 to nC12	<5.8	5.8	21	mg/Kg-dry		12/04/2015	12/09/2015	PC
	nC12 to nC28	<9	9	21	mg/Kg-dry		12/04/2015	12/09/2015	PC
	nC28 to nC35	<9	9	21	mg/Kg-dry		12/04/2015	12/09/2015	PC



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Dan Airey
 Ranger Environmental Services, Inc.
 P.O. Box 201179
 Austin, Texas 78720

Report Date: 12/21/2015
Report #: I150907
Project ID: 321 N. IH-35 UST Removal

ANALYTICAL DATA REPORT

Client Sample ID: E Tank - Fill
Date Collected: 12/03/2015
Date Received: 12/03/2015

Lab Sample ID: I150907-2
Matrix: Soil
% Moisture: 3.8

Volatile Organics

Method: SW846-8260

QC Batch ID: QC652

<u>CAS#</u>	<u>Analyte</u>	<u>Result</u>	<u>SDL</u>	<u>MQL</u>	<u>Units</u>	<u>Qualifiers</u>	<u>Prep Date</u>	<u>Date Analyzed</u>	<u>Analyst</u>
1634-04-4	MTBE	<0.0026	0.0026	0.0052	mg/Kg-dry			12/07/2015	PC
71-43-2	Benzene	<0.0026	0.0026	0.0052	mg/Kg-dry			12/07/2015	PC
108-88-3	Toluene	0.0068	0.0026	0.0052	mg/Kg-dry			12/07/2015	PC
100-41-4	Ethylbenzene	<0.0026	0.0026	0.0052	mg/Kg-dry			12/07/2015	PC
1330-20-7	Xylene (total)	0.0051	0.0026	0.0052	mg/Kg-dry			12/07/2015	PC

Total Petroleum Hydrocarbons

Method: Tx1005

QC Batch ID: QC632

<u>CAS#</u>	<u>Analyte</u>	<u>Result</u>	<u>SDL</u>	<u>MQL</u>	<u>Units</u>	<u>Qualifiers</u>	<u>Prep Date</u>	<u>Date Analyzed</u>	<u>Analyst</u>
	TPH, Total	<9.1	9.1	21	mg/Kg-dry		12/04/2015	12/09/2015	PC
	nC6 to nC12	<5.9	5.9	21	mg/Kg-dry		12/04/2015	12/09/2015	PC
	nC12 to nC28	<9.1	9.1	21	mg/Kg-dry		12/04/2015	12/09/2015	PC
	nC28 to nC35	<9.1	9.1	21	mg/Kg-dry		12/04/2015	12/09/2015	PC



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Project ID: 321 N. IH-35 UST Removal

ANALYTICAL DATA REPORT

Client Sample ID: E Tank - S
Date Collected: 12/03/2015
Date Received: 12/03/2015

Lab Sample ID: I150907-3
Matrix: Soil
% Moisture: 5.8

Volatile Organics

Method: SW846-8260

QC Batch ID: QC652

<u>CAS#</u>	<u>Analyte</u>	<u>Result</u>	<u>SDL</u>	<u>MQL</u>	<u>Units</u>	<u>Qualifiers</u>	<u>Prep Date</u>	<u>Date Analyzed</u>	<u>Analyst</u>
1634-04-4	MTBE	<0.0027	0.0027	0.0053	mg/Kg-dry			12/07/2015	PC
71-43-2	Benzene	<0.0027	0.0027	0.0053	mg/Kg-dry			12/07/2015	PC
108-88-3	Toluene	0.0029	0.0027	0.0053	mg/Kg-dry	J		12/07/2015	PC
100-41-4	Ethylbenzene	<0.0027	0.0027	0.0053	mg/Kg-dry			12/07/2015	PC
1330-20-7	Xylene (total)	<0.0027	0.0027	0.0053	mg/Kg-dry			12/07/2015	PC

Total Petroleum Hydrocarbons

Method: Tx1005

QC Batch ID: QC632

<u>CAS#</u>	<u>Analyte</u>	<u>Result</u>	<u>SDL</u>	<u>MQL</u>	<u>Units</u>	<u>Qualifiers</u>	<u>Prep Date</u>	<u>Date Analyzed</u>	<u>Analyst</u>
	TPH, Total	<8.7	8.7	20	mg/Kg-dry		12/04/2015	12/09/2015	PC
	nC6 to nC12	<5.6	5.6	20	mg/Kg-dry		12/04/2015	12/09/2015	PC
	nC12 to nC28	<8.7	8.7	20	mg/Kg-dry		12/04/2015	12/09/2015	PC
	nC28 to nC35	<8.7	8.7	20	mg/Kg-dry		12/04/2015	12/09/2015	PC



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ANALYTICAL DATA REPORT

Client Sample ID: W Tank - N
Date Collected: 12/03/2015
Date Received: 12/03/2015

Lab Sample ID: I150907-4
Matrix: Soil
% Moisture: 17.1

Volatile Organics

Method: SW846-8260

QC Batch ID: QC651

<u>CAS#</u>	<u>Analyte</u>	<u>Result</u>	<u>SDL</u>	<u>MQL</u>	<u>Units</u>	<u>Qualifiers</u>	<u>Prep Date</u>	<u>Date Analyzed</u>	<u>Analyst</u>
1634-04-4	MTBE	<0.0029	0.0029	0.0058	mg/Kg-dry			12/09/2015	PC
71-43-2	Benzene	<0.0029	0.0029	0.0058	mg/Kg-dry			12/09/2015	PC
108-88-3	Toluene	0.0033	0.0029	0.0058	mg/Kg-dry	J		12/09/2015	PC
100-41-4	Ethylbenzene	<0.0029	0.0029	0.0058	mg/Kg-dry			12/09/2015	PC
1330-20-7	Xylene (total)	<0.0029	0.0029	0.0058	mg/Kg-dry			12/09/2015	PC

Total Petroleum Hydrocarbons

Method: Tx1005

QC Batch ID: QC632

<u>CAS#</u>	<u>Analyte</u>	<u>Result</u>	<u>SDL</u>	<u>MQL</u>	<u>Units</u>	<u>Qualifiers</u>	<u>Prep Date</u>	<u>Date Analyzed</u>	<u>Analyst</u>
	TPH, Total	<10	10	24	mg/Kg-dry		12/04/2015	12/09/2015	PC
	nC6 to nC12	<6.7	6.7	24	mg/Kg-dry		12/04/2015	12/09/2015	PC
	nC12 to nC28	<10	10	24	mg/Kg-dry		12/04/2015	12/09/2015	PC
	nC28 to nC35	<10	10	24	mg/Kg-dry		12/04/2015	12/09/2015	PC



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Report Date: 12/21/2015
Report #: I150907
Project ID: 321 N. IH-35 UST Removal

ANALYTICAL DATA REPORT

Client Sample ID: W Tank - Fill
Date Collected: 12/03/2015
Date Received: 12/03/2015

Lab Sample ID: I150907-5
Matrix: Soil
% Moisture: 12.9

Volatile Organics

Method: SW846-8260

QC Batch ID: QC651

<u>CAS#</u>	<u>Analyte</u>	<u>Result</u>	<u>SDL</u>	<u>MQL</u>	<u>Units</u>	<u>Qualifiers</u>	<u>Prep Date</u>	<u>Date Analyzed</u>	<u>Analyst</u>
1634-04-4	MTBE	<0.0028	0.0028	0.0055	mg/Kg-dry			12/09/2015	PC
71-43-2	Benzene	<0.0028	0.0028	0.0055	mg/Kg-dry			12/09/2015	PC
108-88-3	Toluene	<0.0028	0.0028	0.0055	mg/Kg-dry			12/09/2015	PC
100-41-4	Ethylbenzene	<0.0028	0.0028	0.0055	mg/Kg-dry			12/09/2015	PC
1330-20-7	Xylene (total)	<0.0028	0.0028	0.0055	mg/Kg-dry			12/09/2015	PC

Total Petroleum Hydrocarbons

Method: Tx1005

QC Batch ID: QC632

<u>CAS#</u>	<u>Analyte</u>	<u>Result</u>	<u>SDL</u>	<u>MQL</u>	<u>Units</u>	<u>Qualifiers</u>	<u>Prep Date</u>	<u>Date Analyzed</u>	<u>Analyst</u>
	TPH, Total	<8.5	8.5	19	mg/Kg-dry		12/04/2015	12/09/2015	PC
	nC6 to nC12	<5.5	5.5	19	mg/Kg-dry		12/04/2015	12/09/2015	PC
	nC12 to nC28	<8.5	8.5	19	mg/Kg-dry		12/04/2015	12/09/2015	PC
	nC28 to nC35	<8.5	8.5	19	mg/Kg-dry		12/04/2015	12/09/2015	PC



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Report #: I150907
Project ID: 321 N. IH-35 UST Removal

ANALYTICAL DATA REPORT

Client Sample ID: W Tank - S
Date Collected: 12/03/2015
Date Received: 12/03/2015

Lab Sample ID: I150907-6
Matrix: Soil
% Moisture: 15.5

Volatile Organics

Method: SW846-8260

QC Batch ID: QC651

<u>CAS#</u>	<u>Analyte</u>	<u>Result</u>	<u>SDL</u>	<u>MQL</u>	<u>Units</u>	<u>Qualifiers</u>	<u>Prep Date</u>	<u>Date Analyzed</u>	<u>Analyst</u>
1634-04-4	MTBE	<0.0039	0.0039	0.0079	mg/Kg-dry		12/09/2015	12/09/2015	PC
71-43-2	Benzene	<0.0039	0.0039	0.0079	mg/Kg-dry		12/09/2015	12/09/2015	PC
108-88-3	Toluene	<0.0039	0.0039	0.0079	mg/Kg-dry		12/09/2015	12/09/2015	PC
100-41-4	Ethylbenzene	<0.0039	0.0039	0.0079	mg/Kg-dry		12/09/2015	12/09/2015	PC
1330-20-7	Xylene (total)	<0.0039	0.0039	0.0079	mg/Kg-dry		12/09/2015	12/09/2015	PC

Total Petroleum Hydrocarbons

Method: Tx1005

QC Batch ID: QC632

<u>CAS#</u>	<u>Analyte</u>	<u>Result</u>	<u>SDL</u>	<u>MQL</u>	<u>Units</u>	<u>Qualifiers</u>	<u>Prep Date</u>	<u>Date Analyzed</u>	<u>Analyst</u>
	TPH, Total	<9.6	9.6	22	mg/Kg-dry		12/04/2015	12/09/2015	PC
	nC6 to nC12	<6.1	6.1	22	mg/Kg-dry		12/04/2015	12/09/2015	PC
	nC12 to nC28	<9.6	9.6	22	mg/Kg-dry		12/04/2015	12/09/2015	PC
	nC28 to nC35	<9.6	9.6	22	mg/Kg-dry		12/04/2015	12/09/2015	PC



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Report Date: 12/21/2015
Report #: I150907
Project ID: 321 N. IH-35 UST Removal

ANALYTICAL DATA REPORT

Client Sample ID: PC-1
Date Collected: 12/03/2015
Date Received: 12/03/2015

Lab Sample ID: I150907-7
Matrix: Soil
% Moisture: 9.2

Volatile Organics

Method: SW846-8260

QC Batch ID: QC651

<u>CAS#</u>	<u>Analyte</u>	<u>Result</u>	<u>SDL</u>	<u>MQL</u>	<u>Units</u>	<u>Qualifiers</u>	<u>Prep Date</u>	<u>Date Analyzed</u>	<u>Analyst</u>
1634-04-4	MTBE	<0.0028	0.0028	0.0055	mg/Kg-dry			12/09/2015	PC
71-43-2	Benzene	0.0086	0.0028	0.0055	mg/Kg-dry			12/09/2015	PC
108-88-3	Toluene	0.025	0.0028	0.0055	mg/Kg-dry			12/09/2015	PC
100-41-4	Ethylbenzene	<0.0028	0.0028	0.0055	mg/Kg-dry			12/09/2015	PC
1330-20-7	Xylene (total)	0.013	0.0028	0.0055	mg/Kg-dry			12/09/2015	PC

Total Petroleum Hydrocarbons

Method: Tx1005

QC Batch ID: QC632

<u>CAS#</u>	<u>Analyte</u>	<u>Result</u>	<u>SDL</u>	<u>MQL</u>	<u>Units</u>	<u>Qualifiers</u>	<u>Prep Date</u>	<u>Date Analyzed</u>	<u>Analyst</u>
	TPH, Total	<8.7	8.7	20	mg/Kg-dry		12/04/2015	12/09/2015	PC
	nC6 to nC12	<5.6	5.6	20	mg/Kg-dry		12/04/2015	12/09/2015	PC
	nC12 to nC28	<8.7	8.7	20	mg/Kg-dry		12/04/2015	12/09/2015	PC
	nC28 to nC35	<8.7	8.7	20	mg/Kg-dry		12/04/2015	12/09/2015	PC



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Report Date: 12/21/2015
Report #: I150907
Project ID: 321 N. IH-35 UST Removal

ANALYTICAL DATA REPORT

Client Sample ID: PC-2
Date Collected: 12/03/2015
Date Received: 12/03/2015

Lab Sample ID: I150907-8
Matrix: Soil
% Moisture: 9.6

Volatile Organics

Method: SW846-8260

QC Batch ID: QC654

<u>CAS#</u>	<u>Analyte</u>	<u>Result</u>	<u>SDL</u>	<u>MQL</u>	<u>Units</u>	<u>Qualifiers</u>	<u>Prep Date</u>	<u>Date Analyzed</u>	<u>Analyst</u>
1634-04-4	MTBE	<0.0027	0.0027	0.0053	mg/Kg-dry			12/08/2015	PC
71-43-2	Benzene	<0.0027	0.0027	0.0053	mg/Kg-dry			12/08/2015	PC
108-88-3	Toluene	0.0049	0.0027	0.0053	mg/Kg-dry	J		12/08/2015	PC
100-41-4	Ethylbenzene	<0.0027	0.0027	0.0053	mg/Kg-dry			12/08/2015	PC
1330-20-7	Xylene (total)	<0.0027	0.0027	0.0053	mg/Kg-dry			12/08/2015	PC

Total Petroleum Hydrocarbons

Method: Tx1005

QC Batch ID: QC632

<u>CAS#</u>	<u>Analyte</u>	<u>Result</u>	<u>SDL</u>	<u>MQL</u>	<u>Units</u>	<u>Qualifiers</u>	<u>Prep Date</u>	<u>Date Analyzed</u>	<u>Analyst</u>
	TPH, Total	<9.5	9.5	21	mg/Kg-dry		12/04/2015	12/09/2015	PC
	nC6 to nC12	<6.1	6.1	21	mg/Kg-dry		12/04/2015	12/09/2015	PC
	nC12 to nC28	<9.5	9.5	21	mg/Kg-dry		12/04/2015	12/09/2015	PC
	nC28 to nC35	<9.5	9.5	21	mg/Kg-dry		12/04/2015	12/09/2015	PC



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Report Date: 12/21/2015
Report #: I150907
Project ID: 321 N. IH-35 UST Removal

ANALYTICAL DATA REPORT

Client Sample ID: PC-3
Date Collected: 12/03/2015
Date Received: 12/03/2015

Lab Sample ID: I150907-9
Matrix: Soil
% Moisture: 8.6

Volatile Organics

Method: SW846-8260

QC Batch ID: QC654

<u>CAS#</u>	<u>Analyte</u>	<u>Result</u>	<u>SDL</u>	<u>MQL</u>	<u>Units</u>	<u>Qualifiers</u>	<u>Prep Date</u>	<u>Date Analyzed</u>	<u>Analyst</u>
1634-04-4	MTBE	<0.0027	0.0027	0.0055	mg/Kg-dry		12/08/2015	12/08/2015	PC
71-43-2	Benzene	<0.0027	0.0027	0.0055	mg/Kg-dry		12/08/2015	12/08/2015	PC
108-88-3	Toluene	0.019	0.0027	0.0055	mg/Kg-dry		12/08/2015	12/08/2015	PC
100-41-4	Ethylbenzene	<0.0027	0.0027	0.0055	mg/Kg-dry		12/08/2015	12/08/2015	PC
1330-20-7	Xylene (total)	0.012	0.0027	0.0055	mg/Kg-dry		12/08/2015	12/08/2015	PC

Total Petroleum Hydrocarbons

Method: Tx1005

QC Batch ID: QC632

<u>CAS#</u>	<u>Analyte</u>	<u>Result</u>	<u>SDL</u>	<u>MQL</u>	<u>Units</u>	<u>Qualifiers</u>	<u>Prep Date</u>	<u>Date Analyzed</u>	<u>Analyst</u>
	TPH, Total	<9.5	9.5	22	mg/Kg-dry		12/04/2015	12/09/2015	PC
	nC6 to nC12	<6.1	6.1	22	mg/Kg-dry		12/04/2015	12/09/2015	PC
	nC12 to nC28	<9.5	9.5	22	mg/Kg-dry		12/04/2015	12/09/2015	PC
	nC28 to nC35	<9.5	9.5	22	mg/Kg-dry		12/04/2015	12/09/2015	PC



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ANALYTICAL DATA REPORT

Client Sample ID: PC-4
Date Collected: 12/03/2015
Date Received: 12/03/2015

Lab Sample ID: 1150907-10
Matrix: Soil
% Moisture: 10.7

Volatile Organics

Method: SW846-8260

QC Batch ID: QC654

<u>CAS#</u>	<u>Analyte</u>	<u>Result</u>	<u>SDL</u>	<u>MQL</u>	<u>Units</u>	<u>Qualifiers</u>	<u>Prep Date</u>	<u>Date Analyzed</u>	<u>Analyst</u>
1634-04-4	MTBE	<0.0028	0.0028	0.0056	mg/Kg-dry		12/08/2015	12/08/2015	PC
71-43-2	Benzene	<0.0028	0.0028	0.0056	mg/Kg-dry		12/08/2015	12/08/2015	PC
108-88-3	Toluene	0.0056	0.0028	0.0056	mg/Kg-dry	J	12/08/2015	12/08/2015	PC
100-41-4	Ethylbenzene	<0.0028	0.0028	0.0056	mg/Kg-dry		12/08/2015	12/08/2015	PC
1330-20-7	Xylene (total)	<0.0028	0.0028	0.0056	mg/Kg-dry		12/08/2015	12/08/2015	PC

Total Petroleum Hydrocarbons

Method: Tx1005

QC Batch ID: QC632

<u>CAS#</u>	<u>Analyte</u>	<u>Result</u>	<u>SDL</u>	<u>MQL</u>	<u>Units</u>	<u>Qualifiers</u>	<u>Prep Date</u>	<u>Date Analyzed</u>	<u>Analyst</u>
	TPH, Total	<9.4	9.4	21	mg/Kg-dry		12/04/2015	12/09/2015	PC
	nC6 to nC12	<6	6	21	mg/Kg-dry		12/04/2015	12/09/2015	PC
	nC12 to nC28	<9.4	9.4	21	mg/Kg-dry		12/04/2015	12/09/2015	PC
	nC28 to nC35	<9.4	9.4	21	mg/Kg-dry		12/04/2015	12/09/2015	PC



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Report Date: 12/21/2015
Report #: I150907
Project ID: 321 N. IH-35 UST Removal

ANALYTICAL DATA REPORT

Client Sample ID: PC-5
Date Collected: 12/03/2015
Date Received: 12/03/2015

Lab Sample ID: I150907-11
Matrix: Soil
% Moisture: 10.2

Volatile Organics

Method: SW846-8260

QC Batch ID: QC651

<u>CAS#</u>	<u>Analyte</u>	<u>Result</u>	<u>SDL</u>	<u>MQL</u>	<u>Units</u>	<u>Qualifiers</u>	<u>Prep Date</u>	<u>Date Analyzed</u>	<u>Analyst</u>
1634-04-4	MTBE	<0.0028	0.0028	0.0056	mg/Kg-dry			12/09/2015	PC
71-43-2	Benzene	<0.0028	0.0028	0.0056	mg/Kg-dry			12/09/2015	PC
108-88-3	Toluene	0.0048	0.0028	0.0056	mg/Kg-dry	J		12/09/2015	PC
100-41-4	Ethylbenzene	<0.0028	0.0028	0.0056	mg/Kg-dry			12/09/2015	PC
1330-20-7	Xylene (total)	<0.0028	0.0028	0.0056	mg/Kg-dry			12/09/2015	PC

Total Petroleum Hydrocarbons

Method: Tx1005

QC Batch ID: QC631

<u>CAS#</u>	<u>Analyte</u>	<u>Result</u>	<u>SDL</u>	<u>MQL</u>	<u>Units</u>	<u>Qualifiers</u>	<u>Prep Date</u>	<u>Date Analyzed</u>	<u>Analyst</u>
	TPH, Total	<9.6	9.6	22	mg/Kg-dry		12/04/2015	12/05/2015	PC
	nC6 to nC12	<6.2	6.2	22	mg/Kg-dry		12/04/2015	12/05/2015	PC
	nC12 to nC28	<9.6	9.6	22	mg/Kg-dry		12/04/2015	12/05/2015	PC
	nC28 to nC35	<9.6	9.6	22	mg/Kg-dry		12/04/2015	12/05/2015	PC



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Report Date: 12/21/2015
Report #: I150907
Project ID: 321 N. IH-35 UST Removal

ANALYTICAL DATA REPORT

Client Sample ID: SP-1
Date Collected: 12/03/2015
Date Received: 12/03/2015

Lab Sample ID: I150907-12
Matrix: Soil
% Moisture: 7.5

Volatile Organics

Method: SW846-8260

QC Batch ID: QC649

<u>CAS#</u>	<u>Analyte</u>	<u>Result</u>	<u>SDL</u>	<u>MQL</u>	<u>Units</u>	<u>Qualifiers</u>	<u>Prep Date</u>	<u>Date Analyzed</u>	<u>Analyst</u>
1634-04-4	MTBE	<0.0068	0.0068	0.014	mg/Kg-dry		12/10/2015	12/10/2015	PC
71-43-2	Benzene	<0.0068	0.0068	0.014	mg/Kg-dry		12/10/2015	12/10/2015	PC
108-88-3	Toluene	<0.0068	0.0068	0.014	mg/Kg-dry		12/10/2015	12/10/2015	PC
100-41-4	Ethylbenzene	<0.0068	0.0068	0.014	mg/Kg-dry		12/10/2015	12/10/2015	PC
1330-20-7	Xylene (total)	0.0082	0.0068	0.014	mg/Kg-dry	J	12/10/2015	12/10/2015	PC

Total Petroleum Hydrocarbons

Method: Tx1005

QC Batch ID: QC631

<u>CAS#</u>	<u>Analyte</u>	<u>Result</u>	<u>SDL</u>	<u>MQL</u>	<u>Units</u>	<u>Qualifiers</u>	<u>Prep Date</u>	<u>Date Analyzed</u>	<u>Analyst</u>
	TPH, Total	<9.5	9.5	22	mg/Kg-dry		12/04/2015	12/05/2015	PC
	nC6 to nC12	<6.1	6.1	22	mg/Kg-dry		12/04/2015	12/05/2015	PC
	nC12 to nC28	<9.5	9.5	22	mg/Kg-dry		12/04/2015	12/05/2015	PC
	nC28 to nC35	<9.5	9.5	22	mg/Kg-dry		12/04/2015	12/05/2015	PC



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Report Date: 12/21/2015
Report #: I150907
Project ID: 321 N. IH-35 UST Removal

ANALYTICAL DATA REPORT

Client Sample ID: SP-2
Date Collected: 12/03/2015
Date Received: 12/03/2015

Lab Sample ID: I150907-13
Matrix: Soil
% Moisture: 9.8

Volatile Organics

Method: SW846-8260

QC Batch ID: QC651

<u>CAS#</u>	<u>Analyte</u>	<u>Result</u>	<u>SDL</u>	<u>MQL</u>	<u>Units</u>	<u>Qualifiers</u>	<u>Prep Date</u>	<u>Date Analyzed</u>	<u>Analyst</u>
1634-04-4	MTBE	<0.0028	0.0028	0.0055	mg/Kg-dry		12/09/2015	12/09/2015	PC
71-43-2	Benzene	<0.0028	0.0028	0.0055	mg/Kg-dry		12/09/2015	12/09/2015	PC
108-88-3	Toluene	0.0088	0.0028	0.0055	mg/Kg-dry		12/09/2015	12/09/2015	PC
100-41-4	Ethylbenzene	<0.0028	0.0028	0.0055	mg/Kg-dry		12/09/2015	12/09/2015	PC
1330-20-7	Xylene (total)	0.0057	0.0028	0.0055	mg/Kg-dry		12/09/2015	12/09/2015	PC

Total Petroleum Hydrocarbons

Method: Tx1005

QC Batch ID: QC631

<u>CAS#</u>	<u>Analyte</u>	<u>Result</u>	<u>SDL</u>	<u>MQL</u>	<u>Units</u>	<u>Qualifiers</u>	<u>Prep Date</u>	<u>Date Analyzed</u>	<u>Analyst</u>
	TPH, Total	<9.1	9.1	21	mg/Kg-dry		12/04/2015	12/05/2015	PC
	nC6 to nC12	<5.9	5.9	21	mg/Kg-dry		12/04/2015	12/05/2015	PC
	nC12 to nC28	<9.1	9.1	21	mg/Kg-dry		12/04/2015	12/05/2015	PC
	nC28 to nC35	<9.1	9.1	21	mg/Kg-dry		12/04/2015	12/05/2015	PC



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Report Date: 12/21/2015
Report #: 1150907
Project ID: 321 N. IH-35 UST Removal

ANALYTICAL DATA REPORT

Client Sample ID: SP-3
Date Collected: 12/03/2015
Date Received: 12/03/2015

Lab Sample ID: 1150907-14
Matrix: Soil
% Moisture: 9.1

Volatile Organics

Method: SW846-8260

QC Batch ID: QC654

<u>CAS#</u>	<u>Analyte</u>	<u>Result</u>	<u>SDL</u>	<u>MOL</u>	<u>Units</u>	<u>Qualifiers</u>	<u>Prep Date</u>	<u>Date Analyzed</u>	<u>Analyst</u>
1634-04-4	MTBE	<0.0028	0.0028	0.0055	mg/Kg-dry			12/08/2015	PC
71-43-2	Benzene	<0.0028	0.0028	0.0055	mg/Kg-dry			12/08/2015	PC
108-88-3	Toluene	0.0038	0.0028	0.0055	mg/Kg-dry	J		12/08/2015	PC
100-41-4	Ethylbenzene	<0.0028	0.0028	0.0055	mg/Kg-dry			12/08/2015	PC
1330-20-7	Xylene (total)	<0.0028	0.0028	0.0055	mg/Kg-dry			12/08/2015	PC

Total Petroleum Hydrocarbons

Method: Tx1005

QC Batch ID: QC631

<u>CAS#</u>	<u>Analyte</u>	<u>Result</u>	<u>SDL</u>	<u>MQL</u>	<u>Units</u>	<u>Qualifiers</u>	<u>Prep Date</u>	<u>Date Analyzed</u>	<u>Analyst</u>
	TPH, Total	<9.6	9.6	22	mg/Kg-dry		12/04/2015	12/05/2015	PC
	nC6 to nC12	<6.2	6.2	22	mg/Kg-dry		12/04/2015	12/05/2015	PC
	nC12 to nC28	<9.6	9.6	22	mg/Kg-dry		12/04/2015	12/05/2015	PC
	nC28 to nC35	<9.6	9.6	22	mg/Kg-dry		12/04/2015	12/05/2015	PC



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Report Date: 12/21/2015
Report #: I150907
Project ID: 321 N. IH-35 UST Removal

ANALYTICAL DATA REPORT

Client Sample ID: SP-4
Date Collected: 12/03/2015
Date Received: 12/03/2015

Lab Sample ID: I150907-15
Matrix: Soil
% Moisture: 8.4

Volatile Organics

Method: SW846-8260

QC Batch ID: QC649

<u>CAS#</u>	<u>Analyte</u>	<u>Result</u>	<u>SDL</u>	<u>MQL</u>	<u>Units</u>	<u>Qualifiers</u>	<u>Prep Date</u>	<u>Date Analyzed</u>	<u>Analyst</u>
1634-04-4	MTBE	<0.0068	0.0068	0.014	mg/Kg-dry			12/10/2015	PC
71-43-2	Benzene	<0.0068	0.0068	0.014	mg/Kg-dry			12/10/2015	PC
108-88-3	Toluene	0.0097	0.0068	0.014	mg/Kg-dry	J		12/10/2015	PC
100-41-4	Ethylbenzene	<0.0068	0.0068	0.014	mg/Kg-dry			12/10/2015	PC
1330-20-7	Xylene (total)	0.0099	0.0068	0.014	mg/Kg-dry	J		12/10/2015	PC

Total Petroleum Hydrocarbons

Method: Tx1005

QC Batch ID: QC631

<u>CAS#</u>	<u>Analyte</u>	<u>Result</u>	<u>SDL</u>	<u>MQL</u>	<u>Units</u>	<u>Qualifiers</u>	<u>Prep Date</u>	<u>Date Analyzed</u>	<u>Analyst</u>
	TPH, Total	<8.7	8.7	20	mg/Kg-dry		12/04/2015	12/05/2015	PC
	nC6 to nC12	<5.6	5.6	20	mg/Kg-dry		12/04/2015	12/05/2015	PC
	nC12 to nC28	<8.7	8.7	20	mg/Kg-dry		12/04/2015	12/05/2015	PC
	nC28 to nC35	<8.7	8.7	20	mg/Kg-dry		12/04/2015	12/05/2015	PC



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Report Date: 12/21/2015
Report #: I150907
Project ID: 321 N. IH-35 UST Removal

ANALYTICAL DATA REPORT

Client Sample ID: D-1
Date Collected: 12/03/2015
Date Received: 12/03/2015

Lab Sample ID: I150907-16
Matrix: Soil
% Moisture: 11.1

Volatile Organics

Method: SW846-8260

QC Batch ID: QC654

<u>CAS#</u>	<u>Analyte</u>	<u>Result</u>	<u>SDL</u>	<u>MQL</u>	<u>Units</u>	<u>Qualifiers</u>	<u>Prep Date</u>	<u>Date Analyzed</u>	<u>Analyst</u>
1634-04-4	MTBE	<0.0028	0.0028	0.0056	mg/Kg-dry			12/08/2015	PC
71-43-2	Benzene	<0.0028	0.0028	0.0056	mg/Kg-dry			12/08/2015	PC
108-88-3	Toluene	0.0062	0.0028	0.0056	mg/Kg-dry			12/08/2015	PC
100-41-4	Ethylbenzene	<0.0028	0.0028	0.0056	mg/Kg-dry			12/08/2015	PC
1330-20-7	Xylene (total)	0.0031	0.0028	0.0056	mg/Kg-dry	J		12/08/2015	PC

Total Petroleum Hydrocarbons

Method: Tx1005

QC Batch ID: QC631

<u>CAS#</u>	<u>Analyte</u>	<u>Result</u>	<u>SDL</u>	<u>MQL</u>	<u>Units</u>	<u>Qualifiers</u>	<u>Prep Date</u>	<u>Date Analyzed</u>	<u>Analyst</u>
	TPH, Total	<8.4	8.4	19	mg/Kg-dry		12/04/2015	12/05/2015	PC
	nC6 to nC12	<5.4	5.4	19	mg/Kg-dry		12/04/2015	12/05/2015	PC
	nC12 to nC28	<8.4	8.4	19	mg/Kg-dry		12/04/2015	12/05/2015	PC
	nC28 to nC35	<8.4	8.4	19	mg/Kg-dry		12/04/2015	12/05/2015	PC



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Dan Airey
 Ranger Environmental Services, Inc.
 P.O. Box 201179
 Austin, Texas 78720

Report Date: 12/21/2015
Report #: 1150907
Project ID: 321 N. IH-35 UST Removal

ANALYTICAL DATA REPORT

Client Sample ID: D-2
Date Collected: 12/03/2015
Date Received: 12/03/2015

Lab Sample ID: 1150907-17
Matrix: Soil
% Moisture: 8.6

Volatile Organics

Method: SW846-8260

QC Batch ID: QC649

<u>CAS#</u>	<u>Analyte</u>	<u>Result</u>	<u>SDL</u>	<u>MQL</u>	<u>Units</u>	<u>Qualifiers</u>	<u>Prep Date</u>	<u>Date Analyzed</u>	<u>Analyst</u>
1634-04-4	MTBE	<0.0027	0.0027	0.0055	mg/Kg-dry			12/10/2015	PC
71-43-2	Benzene	<0.0027	0.0027	0.0055	mg/Kg-dry			12/10/2015	PC
108-88-3	Toluene	<0.0027	0.0027	0.0055	mg/Kg-dry			12/10/2015	PC
100-41-4	Ethylbenzene	<0.0027	0.0027	0.0055	mg/Kg-dry			12/10/2015	PC
1330-20-7	Xylene (total)	0.0045	0.0027	0.0055	mg/Kg-dry	J		12/10/2015	PC

Total Petroleum Hydrocarbons

Method: Tx1005

QC Batch ID: QC631

<u>CAS#</u>	<u>Analyte</u>	<u>Result</u>	<u>SDL</u>	<u>MQL</u>	<u>Units</u>	<u>Qualifiers</u>	<u>Prep Date</u>	<u>Date Analyzed</u>	<u>Analyst</u>
	TPH, Total	<9.6	9.6	22	mg/Kg-dry		12/04/2015	12/05/2015	PC
	nC6 to nC12	<6.2	6.2	22	mg/Kg-dry		12/04/2015	12/05/2015	PC
	nC12 to nC28	<9.6	9.6	22	mg/Kg-dry		12/04/2015	12/05/2015	PC
	nC28 to nC35	<9.6	9.6	22	mg/Kg-dry		12/04/2015	12/05/2015	PC



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Report Date: 12/21/2015
Report #: I150907
Project ID: 321 N. IH-35 UST Removal

ANALYTICAL DATA REPORT

Client Sample ID: D-3
Date Collected: 12/03/2015
Date Received: 12/03/2015

Lab Sample ID: I150907-18
Matrix: Soil
% Moisture: 7.9

Volatile Organics

Method: SW846-8260

QC Batch ID: QC654

<u>CAS#</u>	<u>Analyte</u>	<u>Result</u>	<u>SDL</u>	<u>MQL</u>	<u>Units</u>	<u>Qualifiers</u>	<u>Prep Date</u>	<u>Date Analyzed</u>	<u>Analyst</u>
1634-04-4	MTBE	<0.0027	0.0027	0.0054	mg/Kg-dry			12/07/2015	PC
71-43-2	Benzene	<0.0027	0.0027	0.0054	mg/Kg-dry			12/07/2015	PC
108-88-3	Toluene	<0.0027	0.0027	0.0054	mg/Kg-dry			12/07/2015	PC
100-41-4	Ethylbenzene	<0.0027	0.0027	0.0054	mg/Kg-dry			12/07/2015	PC
1330-20-7	Xylene (total)	<0.0027	0.0027	0.0054	mg/Kg-dry			12/07/2015	PC

Total Petroleum Hydrocarbons

Method: Tx1005

QC Batch ID: QC631

<u>CAS#</u>	<u>Analyte</u>	<u>Result</u>	<u>SDL</u>	<u>MQL</u>	<u>Units</u>	<u>Qualifiers</u>	<u>Prep Date</u>	<u>Date Analyzed</u>	<u>Analyst</u>
	TPH, Total	<8.2	8.2	19	mg/Kg-dry		12/04/2015	12/05/2015	PC
	nC6 to nC12	<5.3	5.3	19	mg/Kg-dry		12/04/2015	12/05/2015	PC
	nC12 to nC28	<8.2	8.2	19	mg/Kg-dry		12/04/2015	12/05/2015	PC
	nC28 to nC35	<8.2	8.2	19	mg/Kg-dry		12/04/2015	12/05/2015	PC



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Report Date: 12/21/2015
Report #: I150907
Project ID: 321 N. IH-35 UST Removal

QC REPORT

QC Batch ID: QC652 **Matrix:** Soil

QC Surrogate Summary

S1 = Dibromofluoromethane (66-153%) S2 = Bromofluorobenzene (61-153%) S3 = Toluene-d8 (74-122%)

<u>Lab Sample ID</u>	<u>Client Sample ID</u>	<u>S1</u>	<u>S2</u>	<u>S3</u>
LCS 12-7-15	LCS 12-7-15	92	95	99
SBLK01	SBLK01	93	96	97
LCSD 12-7-15	LCSD 12-7-15	92	96	99
I150903-IMS	S-1MS	96	100	99
I150903-1MSD	S-1MSD	97	99	99
I150907-1	E Tank - N	100	100	99
I150907-2	E Tank - Fill	101	98	98
I150907-3	E Tank - S	102	99	99

QC Results

<u>Analyte</u>	<u>Blank</u>	<u>MS%</u>	<u>MSD%</u>	<u>Limits</u>	<u>RPD</u>	<u>Limit</u>	<u>LCS%</u>	<u>LCSD%</u>	<u>Limits</u>	<u>RPD</u>	<u>Limit</u>
MTBE	<0.0025	78	86	66-143	9.8	20	101	94	58-142	7.2	20
Benzene	<0.0025	69	77	66-121	11	20	96	91	56-134	5.3	20
Toluene	<0.0025	68	76	61-124	11	20	108	104	55-134	3.8	20
Ethylbenzene	<0.0025	59	64	51-128	8.1	20	92	84	55-145	9.1	20
Xylene (total)	<0.0025	60	64	48-140	6.5	20	95	86	59-125	9.9	20



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Report Date: 12/21/2015
Report #: 1150907
Project ID: 321 N. IH-35 UST Removal

QC REPORT

QC Batch ID: QC632 **Matrix:** Soil

QC Surrogate Summary

S1 = o-terphenyl (70-130%) S2 = 1-Chlorooctane (70-130%)

<u>Lab Sample ID</u>	<u>Client Sample ID</u>	<u>S1</u>	<u>S2</u>
BLANK 12/4/15 A	BLANK 12/4/15 A	110	111
LCS 12/4/15 A	LCS 12/4/15 A	92	94
LCSD 12/4/15 A	LCSD 12/4/15 A	121	127
I150903-1 MS	S-1 MS	98	110
I150903-1 MSD	S-1 MSD	75	95
I150907-1	E Tank - N	94	90
I150907-2	E Tank - Fill	98	89
I150907-3	E Tank - S	93	89
I150907-4	W Tank - N	137*	135*
I150907-5	W Tank - Fill	150*	145*
I150907-6	W Tank - S	108	103
I150907-7	PC-1	152*	148*
I150907-8	PC-2	95	92
I150907-9	PC-3	91	85
I150907-10	PC-4	109	107

QC Results

<u>Analyte</u>	<u>Blank</u>	<u>MS%</u>	<u>MSD%</u>	<u>Limits</u>	<u>RPD</u>	<u>Limit</u>	<u>LCS%</u>	<u>LCSD%</u>	<u>Limits</u>	<u>RPD</u>	<u>Limit</u>
TPH, Total	<8.8										
nC6 to nC12	<5.7	108	93	75-125	15	20	86	121	75-125	34*	20
nC12 to nC28	<8.8	98	75	75-125	27*	20	79	100	75-125	23*	20
nC28 to nC35	<8.8										



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Report Date: 12/21/2015
Report #: I150907
Project ID: 321 N. IH-35 UST Removal

QC REPORT

QC Batch ID: QC651 **Matrix:** Soil

QC Surrogate Summary

S1 = Dibromofluoromethane (66-153%) S2 = Bromofluorobenzene (61-153%) S3 = Toluene-d8 (74-122%)

Lab Sample ID	Client Sample ID	S1	S2	S3
LCS 12-8-15	LCS 12-8-15	108	98	96
LCSD 12-8-15	LCSD 12-8-15	109	96	95
SBLK01	SBLK01	113	111	94
I150869-3MS	MW-1,28'MS	116	97	98
I150869-3MSD	MW-1,28'MSD	113	99	98
I150907-4	W Tank - N	111	111	95
I150907-5	W Tank - Fill	117	111	96
I150907-6	W Tank - S	113	111	95
I150907-7	PC-1	114	108	96
I150907-11	PC-5	113	113	96
I150907-13	SP-2	113	110	95

QC Results

Analyte	Blank	MS%	MSD%	Limits	RPD	Limit	LCS%	LCSD%	Limits	RPD	Limit
MTBE	<0.0025	88	89	66-143	1.1	20	92	91	58-142	1.1	20
Benzene	<0.0025	78	76	66-121	2.6	20	90	86	56-134	4.5	20
Toluene	<0.0025	80	75	61-124	6.5	20	87	83	55-134	4.7	20
Ethylbenzene	<0.0025	67	81	51-128	19	20	91	87	55-145	4.5	20
Xylene (total)	<0.0025	76	80	48-140	5.1	20	102	97	59-125	5	20



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Report Date: 12/21/2015
Report #: I150907
Project ID: 321 N. IH-35 UST Removal

QC REPORT

QC Batch ID: QC654 **Matrix:** Soil

QC Surrogate Summary

S1 = Dibromofluoromethane (66-153%) S2 = Bromofluorobenzene (61-153%) S3 = Toluene-d8 (74-122%)

<u>Lab Sample ID</u>	<u>Client Sample ID</u>	<u>S1</u>	<u>S2</u>	<u>S3</u>
LCS 12-7-15	LCS 12-7-15	112	99	102
SBLK01 12-7-15	SBLK01 12-7-15	122	106	100
LCSD 12-7-15	LCSD 12-7-15	112	99	101
I150907-18MS	D-3MS	117	96	103
I150907-18MSD	D-3MSD	116	97	103
I150907-8	PC-2	118	105	101
I150907-9	PC-3	120	105	101
I150907-10	PC-4	116	105	101
I150907-14	SP-3	117	106	101
I150907-16	D-1	116	106	101
I150907-18	D-3	117	103	101

QC Results

<u>Analyte</u>	<u>Blank</u>	<u>MS%</u>	<u>MSD%</u>	<u>Limits</u>	<u>RPD</u>	<u>Limit</u>	<u>LCS%</u>	<u>LCSD%</u>	<u>Limits</u>	<u>RPD</u>	<u>Limit</u>
MTBE	<0.0025	122	123	66-143	0.82	20	120	126	58-142	4.9	20
Benzene	<0.0025	93	95	66-121	2.1	20	96	101	56-134	5.1	20
Toluene	<0.0025	99	96	61-124	3.1	20	93	97	55-134	4.2	20
Ethylbenzene	<0.0025	68	71	51-128	4.3	20	75	78	55-145	3.9	20
Xylene (total)	<0.0025	77	79	48-140	2.6	20	82	86	59-125	4.8	20



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Report Date: 12/21/2015
Report #: I150907
Project ID: 321 N. IH-35 UST Removal

QC REPORT

QC Batch ID: QC631 **Matrix:** Soil

QC Surrogate Summary

S1 = o-terphenyl (70-130%) S2 = 1-Chlorooctane (70-130%)

Lab Sample ID	Client Sample ID	S1	S2
BLANK 12/4/15	BLANK 12/4/15	108	106
LCS 12/4/15	LCS 12/4/15	107	105
LCSD 12/4/15	LCSD 12/4/15	110	111
I150907-11 MS	PC-5 MS	100	99
I150907-11 MSD	PC-5 MSD	103	101
I150907-11	PC-5	101	101
I150907-12	SP-1	101	94
I150907-13	SP-2	105	99
I150907-14	SP-3	101	94
I150907-15	SP-4	106	99
I150907-16	D-1	99	93
I150907-17	D-2	112	106
I150907-18	D-3	97	87

QC Results

Analyte	Blank	MS%	MSD%	Limits	RPD	Limit	LCS%	LCSD%	Limits	RPD	Limit
TPH, Total	<8.8										
nC6 to nC12	<5.7	99	94	75-125	5.2	20	103	106	75-125	2.9	20
nC12 to nC28	<8.8	70*	79	75-125	12	20	87	84	75-125	3.5	20
nC28 to nC35	<8.8										



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Report Date: 12/21/2015
Report #: I150907
Project ID: 321 N. IH-35 UST Removal

QC REPORT

QC Batch ID: QC649 **Matrix:** Soil

QC Surrogate Summary

S1 = Bromofluorobenzene (61-153%) S2 = Toluene-d8 (74-122%) S3 = Dibromofluoromethane (66-153%)

Lab Sample ID	Client Sample ID	S1	S2	S3
LCS 12-10-15	LCS 12-10-15	96	93	90
SBI.K01	SBI.K01	100	90	94
LCSD 12-10-15	LCSD 12-10-15	96	92	90
I150902-1MS	BelowLeak/7MS	96	93	95
I150902-1MSD	BelowLeak/7MSD	96	93	97
I150907-12	SP-1	100	91	87
I150907-15	SP-4	98	91	88
I150907-17	D-2	103	91	97

QC Results

Analyte	Blank	MS%	MSD%	Limits	RPD	Limit	LCS%	LCSD%	Limits	RPD	Limit
MTBE	<0.0025	70	69	66-143	1.4	20	85	84	58-142	1.2	20
Benzene	<0.0025	75	74	66-121	1.3	20	88	88	56-134	0	20
Toluene	<0.0025	91	83	61-124	9.2	20	85	84	55-134	1.2	20
Ethylbenzene	<0.0025	90	82	52-128	9.3	20	102	99	55-145	3	20
Xylene (total)	<0.0025	97	88	48-140	9.7	20	107	103	59-125	3.8	20

RANGER ENVIRONMENTAL SERVICES, INC.

P.O. BOX 201179 AUSTIN, TX 78720 (512) 335-1785

Chain of Custody

COC Number 150907

Name	Dan Airey
Company	Ranger Environmental Services, Inc.
Address	P.O. Box 201179
City/State/Zip	Austin, TX 78720
Phone	(512) 335-1785
FAX	(512) 335-0527
e-mail	Dan@rangerenv.com
Project	321 N. IH-35 UST Removal
Reference	4801
Collected By	C.M. Capeland / W. Kierdorf

TCEQ LPST QAPP compliant reporting? Y / N
 TRRP-compliant reporting? Y / N
 Custody Seals? / N

Sample Description	# of Sample Containers					Tests Assigned										Lab #				
	VOA - HCl	4 oz glass	1 liter amber	Plastic - HNO3	IL Tedlar Bag	Other-see notes	BTEX-MTBE 8260	TPH TX 1005	PAH 8270	TPH TX 1006	Volatiles 8260	Semivolatiles 8270	RCA 8 Metals	Total Lead	TPDES Suite 1		TPDES Suite 2	Priority Pollutant Metals EPA 2007	PCBs EPA 8082	Storm Water Haz Metals
E Tank - N							X													1
E Tank - Fill							X													2
E Tank - S							X													3
W Tank - N							X													4
W Tank - Fill							X													5
W Tank - S							X													6
PC-1							X													7
PC-2							X													8
PC-3							X													9
PC-4							X													10
PC-5							X													11
SP-1							X													12

Relinquished By	Date	Time	Received By	Date	Time
<i>[Signature]</i>	12/3/15	1447			
Relinquished By	Date	Time	Received By	Date	Time
			<i>[Signature]</i>	12/3/15	1447
Relinquished By	Date	Time	Received By	Date	Time
			<i>[Signature]</i>	12/3/15	1447

Notes: * Please call for PAH instructions

Note: Temperature Blank in cooler
 Ice present Y / N Intact Y / N
 Temperature 1.85C Headspace Y / N

Phone 130612970

TPDES Suite 1 Lab Methods BTEX/MTBE 624, TPH 1005, Lead 2007
 TPDES Suite 2 Lab Methods BTEX/MTBE 624, TPH 1005, Lead 2007, PAH 625



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Dan Airey
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Austin, Texas 78720

Report Date: 12/21/2015
Report #: I150907
Project ID: 321 N. IH-35 UST Removal

SAMPLE RECEIPT CHECKLIST

Items to be checked upon receipt:

Chain of Custody

- 1. Is COC included with samples? Yes
- 2. Is COC signed and dated by client? Yes
- 3. Is the COC filled out correctly and completely? Yes
- 4. Information on the COC matches the sample? Yes

Samples

- 5. Custody Seals present? Yes
- 6. Custody Seals Intact? Yes
- 7. Sample containers intact? Yes
- 8. Sample volume sufficient for requested analysis? Yes
- 9. Samples received within holding time? Yes
- 10. Samples received in hermetically sealed containers? No
- 11. Sample temperature: Thermal preservation between >0°-6°C Yes Temp: 1.85°C
- 12. VOA vials (requesting BTEX/VOC analysis) received with no air bubbles? No VOA Vials
Bubbles acceptable on VOA vials for TPH.
- 13. pH acceptable upon receipt? N/A
pH paper lot#:

Subcontracted Samples

Analyses subcontracted out:	Number of samples:
Samples sent to:	Sent by:
Date samples sent:	Samples shipped via:
Turn around time requested:	
Tracking number (if any):	

Comments

Shipped via: Hand Delivered

Received by: CE

Date Received: 12/03/2015



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Report Date: 12/21/2015
Report #: I150907
Project ID: 321 N. IH-35 UST Removal

QUALIFIERS AND ACRONYMS

<u>Qualifier</u>	<u>Description</u>
B	Analyte detected in the associated method blank above the detection limit
E	Concentration exceeds the calibration range of the instrument
H	Analyzed outside holding time
J	Indicates an estimated value
*	Value outside QC limits
D	Diluted analyte
N	This identification is based on a mass spectral library search, indicates presumptive evidence of a compound

<u>Acronym</u>	<u>Description</u>
DCS	Detection Check Study
DUP	Duplicate
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
Blank	Method Blank
MDL	Method Detection Limit
MQL	Method Quantitation Limit
MS	Matrix Spike
MSD	Matrix Spike Duplicate
PQL	Practical Quantitation Limit
SDL	Sample Detection Limit
SUB	Subcontracted Parameter
TRRP	Texas Risk Reduction Program

END OF REPORT

Texas Commission on Environmental Quality - Remediation Division

CONTRACTOR LABORATORY ANALYTICAL DATA CERTIFICATION

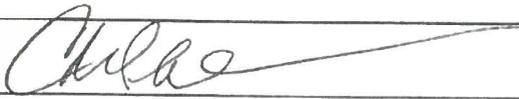
Contractor Laboratory Analytical Data Certification is a requirement of the Petroleum Storage Tank Programs (PST) Quality Assurance Project Plan (QAPP). This form must be completed by the contractor performing work for the PST Program and included in all reports that contain laboratory analytical data. Form should be filed as the first page of the laboratory analysis results, followed immediately with the laboratory NELAP accreditation certificate.

Contractor performing work for the PST Program certifies that analytical data has been reviewed and evaluated for technical acceptability, including problems and anomalies associated with the data.

Contractor performing work for the PST Program certifies that a determination has been made of usability of analytical data, with regard to project objectives.

Contractor performing work for the PST Program certifies the laboratory was NELAP accredited under the Texas Laboratory Accreditation Program at the time of data generation for the matrices, methods, and parameters of analysis or a regulatory exception under 30 TAC 25.6 has been approved by the PST Program.

Contractor confirms the report includes documentation of laboratory accreditation or the regulatory exception the PST Program approved for matrices, methods, and parameters of analysis.



Contractor Certifier Signature

Chad Copeland

Contractor Certifier Printed Name

Ranger Environmental Svcs., Inc.

Contractor Name

26064

Site ID Number

1/12/2016

Date

INVOICE

HAMILTON PROPERTIES, INC

P O Box 163191
Austin, TX 78716
512-970-3586; 512-857-0231
irvin@austin.rr.com

DATE January 23, 2016

TO Mary K. Cloud
S. P. Holmes, Inc.
8850 Business Park Drive, #300
Austin, Texas 78750

SUBJECT: PSI Tank Removal Start-up;
Execution State Docs- Ranger
Excavation Communication; 12 site
visits for observation and
compliance verification; Final
document execution- report
assembly

ITEM	DESCRIPTION	TIME (HRS)	TOTAL
1	PSI Initial coordination of start-up on tank removal. Larry Holoby contact. Contract execution- Initial Payment	6.50	
2	PSI- Execution of State required docs.- Engaged Ranger Excavation- Ongoing Communication with Ranger	9.25	
3	Site visits (12)- Observation of progress - Verification of compliance	21.50	
5	Final compliance documents, exection, coordination with PSI on report assembly	19.75	
TOTAL HOURS			57.00
Expense at \$75/hr agreed reduced bill rate:			\$4,275.00
SUBTOTAL			\$4,275.00
SALES TAX			
TOTAL			\$ 4,275.00

Make all checks payable to: HAMILTON PROPERTIES, INC.

