Texas Department of Housing and Community Affairs,  
221 East 11th Street  
Austin, Texas 78701

Re: Phase Engineering, Inc. Phase I Environmental Site Assessment (ESA) Report No. 201712040  
The Property Located at the Southwest Corner of East Sunset Boulevard and FM 89 Road, Celina, Collin County, Texas 75009

To Whom It May Concern,

This letter is to certify that the Phase I Environmental Site Assessment (the "Report") relating to the above referenced property completed by Phase Engineering, Inc. (the "Consultant") may be conveyed to and relied upon by Texas Department of Housing and Community Affairs as if the Report had originally been prepared for them.

The report fee is Phase Engineering, Inc.’s sole benefit and findings are not contingent on compensation from the client or its affiliates. Phase Engineering has read and understands the department rules regarding this report as found in 2018 Real Estate Analysis rules as codified in Chapter 10, Subchapter D, §§10.301 - 10.307 Underwriting and Loan Policy of the Uniform Multifamily Rules, "Section 10.305: Environmental Site Assessment Rules and Guidelines."

In addition to the conclusions and findings reported in the document, the report indicates any of the below undesirable neighborhood characteristics are within the ASTM search radius from the subject property, in accordance with the Site and Development Requirements and Restrictions listed in Subchapter B, §10.101 (a)(4)(B)(v) of the Uniform Multifamily Rules.

<table>
<thead>
<tr>
<th>Database</th>
<th>ASTM Search Radius</th>
<th>Sites Found</th>
</tr>
</thead>
<tbody>
<tr>
<td>Federal National Priorities List (NPL)</td>
<td>1 mile</td>
<td>None</td>
</tr>
<tr>
<td>Federal CERCLA</td>
<td>0.50 mile</td>
<td>None</td>
</tr>
<tr>
<td>Federal Institutional Control / Engineering Control Registries</td>
<td>Subject Property</td>
<td>None</td>
</tr>
<tr>
<td>RCRA CORRACTS Facilities</td>
<td>1 mile</td>
<td>None</td>
</tr>
<tr>
<td>RCRA Generators of Hazardous Wastes</td>
<td>0.125 mile</td>
<td>None</td>
</tr>
<tr>
<td>State Voluntary Cleanup Program (VCP)</td>
<td>0.50 mile</td>
<td>None</td>
</tr>
</tbody>
</table>

Thank you for using the professional environmental services of Phase Engineering, Inc. If you should have any questions, please contact me at 713-476-9844.

Sincerely,

James C. Dismukes, P.E.
President
Phase Engineering, Inc.
Phase I Environmental Site Assessment

The Property Located at the Southwest Corner of East Sunset Boulevard and FM 89 Road, Celina, Collin County, Texas 75009

January 2, 2018

PEI Project No.: 201712040

Prepared for:

Palladium USA International, Inc.
and

Texas Department of Housing and Community Affairs (TDHCA)

Prepared by:

Phase Engineering, Inc.
5524 Cornish Street
Houston, Texas 77007
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<td>12.2</td>
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<td>35</td>
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<td>40</td>
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<td>15.6</td>
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</table>
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1.0 Executive Summary

1.1 Site Summary

### SITE SUMMARY

<table>
<thead>
<tr>
<th>Site Element</th>
<th>Comments</th>
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<tbody>
<tr>
<td>Subject Property Address</td>
<td>The Property Located at the Southwest Corner of East Sunset Boulevard and FM 89 Road, Celina, Collin County, Texas 75009</td>
</tr>
<tr>
<td>Current Use of Subject Property</td>
<td>Single-family residence and undeveloped land</td>
</tr>
<tr>
<td>Legal Description</td>
<td>Abstract A0167, Collin County School Land #14 Survey, Sheet 1, Tracts 84 and 96, Collin County, TX (as per tax records)</td>
</tr>
<tr>
<td>Current Owner</td>
<td>Neu Irrevocable 2006 Trust</td>
</tr>
<tr>
<td>Current Uses of Adjoining Properties:</td>
<td>North: East Sunset Boulevard and undeveloped land</td>
</tr>
<tr>
<td></td>
<td>East: County Road 89, undeveloped land with fill dirt piles and single-family residential property</td>
</tr>
<tr>
<td></td>
<td>South: Undeveloped land</td>
</tr>
<tr>
<td></td>
<td>West: Brookshire's grocery store and convenience store/gasoline station and two retail centers (no environmentally sensitive businesses)</td>
</tr>
<tr>
<td>Site Reconnaissance Date</td>
<td>December 20, 2017</td>
</tr>
</tbody>
</table>

#### Buildings / Structures

Summary of Structures: A single-story residential building is currently located at the subject property.

#### Physical Setting

- **Topography**: Elevation: Approximately 710 - 755 feet above mean sea level (msl)
- **General Area Topographic Downgradient**: To the northwest
- **Groundwater Flow Direction**: Assumed to be consistent with topographic gradient (See Section 5.3 for more information)
- **Depth to Groundwater**: Approximately 10 to 20 feet below ground surface (bgs)
- **Sub-Surface Geology**: Austin Chalk (Kau) and Eagle Ford Formation (Kef)
- **Underlying Aquifer(s)**: Trinity Aquifer (subcrop) and Woodbine Aquifer (subcrop)
- **Near Surface Soils**: Stephen-Eddy complex, 3 to 5 percent slopes, eroded (SeC2) and Heiden clay, 3 to 5 percent slopes, eroded (HcC2)

#### Historical Use Subject Property

<table>
<thead>
<tr>
<th>YEAR</th>
<th>PROPERTY USE</th>
<th>RESOURCE(S)</th>
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<tbody>
<tr>
<td>1940s - 1952</td>
<td>Assumed to be undeveloped and agricultural land</td>
<td>1952 aerial photograph</td>
</tr>
<tr>
<td>Direction</td>
<td>Historical Use Description</td>
<td></td>
</tr>
<tr>
<td>----------------------------</td>
<td>-------------------------------------------------------------------------------------------</td>
<td></td>
</tr>
<tr>
<td>North Adjoining Property</td>
<td>East Sunset Boulevard, single family residential property and undeveloped land</td>
<td></td>
</tr>
<tr>
<td>East Adjoining Property</td>
<td>County Road 89, single family residential property, a quarry and undeveloped land</td>
<td></td>
</tr>
<tr>
<td>South Adjoining Property</td>
<td>Undeveloped and agricultural land</td>
<td></td>
</tr>
<tr>
<td>West Adjoining Property</td>
<td>Brookshire’s grocery store/convenience store/gasoline station, two retail centers (no environmentally sensitive businesses), State Farm Insurance and undeveloped and agricultural land</td>
<td></td>
</tr>
</tbody>
</table>

### 1.2 Project Summaries

#### ASTM Standard Considerations

<table>
<thead>
<tr>
<th>Report Section</th>
<th>No Further Action</th>
<th>REC</th>
<th>CREC</th>
<th>HREC</th>
<th>Other Environmental Considerations</th>
<th>Suggested Action</th>
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<tr>
<td>1.0 Current Use of Subject Property</td>
<td>☑</td>
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<td></td>
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<td></td>
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<tr>
<td>1.0 Current Use of Adjoining Properties</td>
<td>☑</td>
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<td></td>
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<td></td>
</tr>
<tr>
<td>4.0 User Provided Information</td>
<td>☑</td>
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</tr>
<tr>
<td>5.1 Standard Environmental Record Sources</td>
<td>☑</td>
<td></td>
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<td></td>
</tr>
<tr>
<td>5.4.1 Historical Information on Subject Property</td>
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<td></td>
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</tr>
<tr>
<td>5.4.3 Historical Information on Adjoining Properties</td>
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<td></td>
<td></td>
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<tr>
<td>6.0 Site Reconnaissance</td>
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<td>7.0 Interviews</td>
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</table>

#### Non-ASTM Scope Considerations

<table>
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<th>Report Section</th>
<th>No Further Action Necessary</th>
<th>Further Action Necessary</th>
<th>Suggested Action</th>
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<tr>
<td>15.1 Asbestos-Containing Building Materials</td>
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</tr>
<tr>
<td>15.2 Cultural and Historical Resources</td>
<td>☑</td>
<td></td>
<td></td>
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<tr>
<td>15.3 Endangered Species</td>
<td>☑</td>
<td></td>
<td></td>
</tr>
<tr>
<td>15.4 Lead-Based Paint</td>
<td>☑</td>
<td></td>
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</tr>
<tr>
<td>15.5 Lead in Drinking Water</td>
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</table>
### Non-ASTM Scope Considerations

<table>
<thead>
<tr>
<th>Report Section</th>
<th>No Further Action Necessary</th>
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<th>Suggested Action</th>
</tr>
</thead>
<tbody>
<tr>
<td>15.6 Radon</td>
<td>![Checkmark]</td>
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<tr>
<td>15.7 Wetlands</td>
<td>![Checkmark]</td>
<td></td>
<td></td>
</tr>
<tr>
<td>15.8 Vapor Encroachment Screening</td>
<td>![Checkmark]</td>
<td></td>
<td></td>
</tr>
<tr>
<td>15.9 Noise Study</td>
<td>![Checkmark]</td>
<td></td>
<td></td>
</tr>
<tr>
<td>15.10 Explosive and Flammable Hazards</td>
<td>![Checkmark]</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
2.0 Introduction

2.1 Purpose of Assignment

The purpose of this assignment is to prepare a Phase I Environmental Site Assessment Report of The Property Located at the Southwest Corner of East Sunset Boulevard and FM 89 Road, Celina, Collin County, Texas 75009 and more fully described in this report; to conduct All Appropriate Inquiry as defined in EPA 40 CFR Part 312, to permit the user to satisfy one of the requirements to qualify for the innocent landowner, contiguous property owner, or bona fide prospective purchaser limitations on liability under the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA) as amended in 2002; and to identify, to the extent feasible pursuant to the processes prescribed in ASTM Standard E 1527-13 recognized environmental conditions in connection with the subject property. All migration pathways and environmental media (i.e. soil, groundwater, vapor) are considered in the determination of recognized environmental conditions.

2.2 Scope of Work

The Phase I Environmental Site Assessment was prepared in accordance with the ASTM Standard Practice E 1527-13 for Environmental Site Assessments and the EPA Rule on All Appropriate Inquiries and within any additional limitations and deviations noted in the report. The general scope of work includes:

- Interviews with past and present owners, operators and occupants;
- Interviews with local government officials;
- Review of historical sources of information;
- Review of federal, state, tribal and local government records;
- Visual inspections of the property and adjoining properties;
- Preparation of report.

The Phase I Environmental Site Assessment does not include:

- Soil, groundwater, or building material sampling;
- Chain of title or environmental lien search;
- Any non-scope considerations, unless specifically contracted for, as listed in the ASTM Standard E 1527-13 Sections 13.1.5.1 through 13.1.5.14 (see Section 15 of this report).

2.3 Significant Assumptions

Phase Engineering, Inc. assumes there are no hidden or unapparent environmental conditions of the property, subsoil, groundwater, structures or surroundings which would have an adverse effect on the property. Phase Engineering, Inc. assumes no responsibility for such conditions or for engineering or inspections which might be required to discover such conditions.

Record and interview information furnished to Phase Engineering, Inc., and contained in the report, were obtained from sources assumed to be reliable and believed to be true and correct. However, Phase Engineering, Inc. assumes no responsibility for any inaccuracies in such items which may be revealed as a result of subsequent action, either by Phase Engineering, Inc. or others. Accuracy or completeness of record information varies among information sources, including governmental sources. Record information is often inaccurate or incomplete. Numerous sites are considered unmapped because the federal or state databases do not adequately define the address and/or location to properly plot the site using standard geo-coding processes. Unmapped sites are generally reviewed using a zip code and street name search.
Phase Engineering, Inc. is not obligated to identify mistakes or insufficiencies in information provided. Phase Engineering, Inc. will make a reasonable effort to compensate for mistakes or insufficiencies in the information reviewed that are obvious in light of other information of which Phase Engineering, Inc. has actual knowledge at the time of preparation of the report.

Groundwater flow is assumed to be in the direction of surface topography unless otherwise noted in the report.

2.4 Limitations and Exceptions of Assessment

This report is prepared in general accordance to the ASTM Standard Practice for Environmental Site Assessments in accordance with Standard E 1527-13. No non-scope items as noted in the ASTM Standards of Practice taken into consideration, except as noted.

The findings and conclusions of this report are based on Phase Engineering, Inc. professional opinions of the environmental conditions identified using the methodology described in ASTM Standard E 1527-13. If greater certainty is desired by the user of the report, further investigation beyond the scope of the ASTM Standard E 1527-13 may be necessary.

Phase Engineering, Inc. has estimated neither the cost of the impact on the property nor the costs necessary to eliminate the recognized environmental conditions.

The report was limited to information concerning the observed physical characteristics of the site and adjoining properties, interviews, and standard environmental record sources.

No environmental site assessment can wholly eliminate uncertainty regarding the potential for recognized environmental conditions in connection with a property. Performance of the ASTM Standard is intended to reduce, but not eliminate, uncertainty regarding the potential for recognized environmental conditions in connection with a property, and the practice recognizes reasonable limits of time and cost. The time and cost constraints as agreed to by the user or his representative may deem certain information common to the Phase I Site Assessment process to not be reasonably ascertainable or practically reviewable.

Appropriate inquiry does not mean an exhaustive assessment of a property. There is a point at which the cost of information obtained or the time required to gather it outweighs the usefulness of the information and, in fact, may be a material detriment to the orderly completion of the transaction.

Any sketches, maps, aerial photographs, or similar documents in the report may show approximate locations, property boundaries, or similar information and are included to assist the reader in visualizing the property. Phase Engineering, Inc. has made no survey of the site.

Phase Engineering, Inc. is not required to give testimony or appear in court or in other hearings or formal discussions regarding the subject property or this assessment unless prior arrangements are made.

Phase Engineering, Inc. assumes there are no hidden or unapparent environmental conditions of the site, subsoil, structures or surroundings which would represent a recognized environmental condition. Phase Engineering, Inc. assumes no responsibility for such conditions or for actions which might be required to discover such conditions.

Information obtained from various sources is considered reliable and believed to be true and correct. Phase Engineering, Inc. will make a reasonable effort to compensate for mistakes or insufficiencies in the information reviewed that are obvious in light of other information of which Phase Engineering, Inc. has
actual knowledge. Phase Engineering, Inc. assumes no responsibility for any inaccuracies in such items which may be revealed as a result of subsequent action, either by Phase Engineering, Inc. or others.

This report is prepared for the sole benefit of the user of the report and may not be relied upon by any other person or entity without the written authorization of and payment of a fee to Phase Engineering, Inc.

The report is valid for a period of 180 days from the date issued. Validity for AAI liability protections may be less. The report may not be used or updated by a third party without written authorization of and payment of a fee to Phase Engineering, Inc.

Phase Engineering, Inc. provides no legal opinion or advice. Consult a qualified attorney for any items of a legal nature.

2.5 Special Terms and Conditions

No special terms or conditions were applicable to this report.

2.6 User Reliance

This report is prepared for the sole benefit of the user of the report as identified in Section 4.0 of this report and may not be relied upon by any other person or entity without the written authorization of Phase Engineering, Inc. Each subsequent user must satisfy the User’s Responsibilities set forth in Section 6 of the ASTM Standard E 1527-13 to qualify for the landowner liability protections under CERCLA.
### 3.0 Site Description

<table>
<thead>
<tr>
<th>Detail</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Subject Property Address</td>
<td>The Property Located at the Southwest Corner of East Sunset Boulevard and FM 89 Road, Celina, Collin County, Texas 75009</td>
</tr>
<tr>
<td>General Location</td>
<td>An area location map and a site sketch are located in Appendix I of this report.</td>
</tr>
<tr>
<td>Legal Description</td>
<td>Abstract A0167, Collin County School Land #14 Survey, Sheet 1, Tracts 84 and 96, Collin County, TX (as per tax records)</td>
</tr>
<tr>
<td>Current Use of the Property</td>
<td>Single-family residence and undeveloped land</td>
</tr>
<tr>
<td>Current Owner(s)</td>
<td>Neu Irrevocable 2006 Trust</td>
</tr>
</tbody>
</table>

### 3.1 Current Uses of Adjoining Properties

<table>
<thead>
<tr>
<th>To the North</th>
<th>Undeveloped land</th>
</tr>
</thead>
<tbody>
<tr>
<td>To the East</td>
<td>Undeveloped land with fill dirt piles and single-family residential property</td>
</tr>
<tr>
<td>To the South</td>
<td>Undeveloped land</td>
</tr>
<tr>
<td>To the West</td>
<td>Brookshire’s grocery store and convenience store/gasoline station and two retail centers</td>
</tr>
</tbody>
</table>

### 3.2 General Description of Onsite Buildings, Improvements and Roadways

#### Summary of Onsite Buildings / Structures

<table>
<thead>
<tr>
<th>Feature</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Structure Name / Identification</td>
<td>Single-family residence</td>
</tr>
<tr>
<td>Number of Floors</td>
<td>1</td>
</tr>
<tr>
<td>Exterior Finish Type(s)</td>
<td>Masonry</td>
</tr>
<tr>
<td>Foundation Type(s)</td>
<td>Concrete-on-slab</td>
</tr>
<tr>
<td>Roof Pitch</td>
<td>Pitched</td>
</tr>
<tr>
<td>Approximate Age of Building</td>
<td>26</td>
</tr>
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</table>

#### Other Improvement and Roadway Details

<table>
<thead>
<tr>
<th>Feature</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Access / Egress Description</td>
<td>Driveway(s) off of the boundary street(s)</td>
</tr>
<tr>
<td>Onsite Improved Roadways</td>
<td>N/A</td>
</tr>
<tr>
<td>Improved Surface Cover</td>
<td>No improved surface cover</td>
</tr>
<tr>
<td>Other Improvements</td>
<td>No other improvements observed</td>
</tr>
</tbody>
</table>

#### Utilities and Other Details

<table>
<thead>
<tr>
<th>Feature</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Source of Potable Water</td>
<td>Municipal water system</td>
</tr>
<tr>
<td>Source of Sanitary Sewer</td>
<td>Municipal sanitary sewer</td>
</tr>
<tr>
<td>Heating / Cooling Fuel Source</td>
<td>Gas fired</td>
</tr>
<tr>
<td>Other Utilities</td>
<td>Electric</td>
</tr>
</tbody>
</table>
4.0 User Provided Information

4.1 User Responsibilities Information

User(s) of this report: Palladium USA International, Inc.; Texas Department of Housing and Community Affairs (TDHCA)

In order to qualify for one of the Landowner Liability Protections (LLPs) offered by the Small Business Liability Relief and Brownfields Revitalization Act of 2001 (the “Brownfields Amendments”) the user must conduct the following inquiries required by 40 CFR 312.25, 312.28, 312.29, 312.30 and 312.31. These inquiries must also be conducted by EPA Brownfield Assessment and Characterization grantees. The user should provide the following information (if available) to the environmental professional. Failure to conduct these inquiries (or where the user has not provided conclusive answers) could result in a determination that “all appropriate inquiries” is not complete.

If any user of this report desires Landowner Liability Protections (LLPs) offered by the Small Business Liability Relief and Brownfields Revitalization Act of 2001, the user should complete the “user responsibilities” included in Appendix IV.

<table>
<thead>
<tr>
<th>User Responsibilities Questionnaire</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Question</strong></td>
</tr>
<tr>
<td>1. Environmental cleanup liens that are filed or recorded against the property (40 CFR 312.25).</td>
</tr>
<tr>
<td>Did a search of recorded land title records (or judicial records where appropriate) identify any environmental liens filed or recorded against the property under federal, tribal, state or local law?</td>
</tr>
<tr>
<td>2. Activity and land use (AUL’s) limitations that are in place on the site or that have been filed or recorded in a registry (40 CFR 312.26(a)(1)(v) and vi)).</td>
</tr>
<tr>
<td>Did a search of recorded land title records (or judicial records where appropriate) identify any AULs, such as engineering controls, land use restrictions or institutional controls that are in place of the property and/or have been filed or recorded against the property under federal, tribal, state or local law?</td>
</tr>
<tr>
<td>3. Specialized knowledge or experience of the person seeking to qualify for the LLP (40 CFR 312.28).</td>
</tr>
<tr>
<td>Do you have any specialized knowledge or experience related to the property or nearby properties? For example, are you involved in the same line of business as the current or former occupants of the property or an adjoining property so that you would have specialized knowledge of the chemicals and processes used by this type of business?</td>
</tr>
<tr>
<td>4. Relationship to the purchase price to the fair market value of the property if it were not contaminated (40 CFR 312.29).</td>
</tr>
<tr>
<td>Question</td>
</tr>
<tr>
<td>-------------------------------------------------------------------------</td>
</tr>
<tr>
<td>Does the purchase price being paid for this property reasonably reflect the fair market value of the property?</td>
</tr>
<tr>
<td>If you conclude that there is a difference, have you considered whether the lower purchase price is because contamination is known or believed to be present at the property?</td>
</tr>
<tr>
<td>5. Commonly known or reasonably ascertainable information about the property (40 CFR 312.30).</td>
</tr>
<tr>
<td>Are you aware of commonly known or reasonably ascertainable information about the property that would help Phase Engineering, Inc. to identify conditions indicative of releases or threatened releases? For example, as user,</td>
</tr>
<tr>
<td>(a.) Do you know the past uses of the property?</td>
</tr>
<tr>
<td>(b.) Do you know of specific chemicals that are present or once were present at the property?</td>
</tr>
<tr>
<td>(c.) Do you know of spills or other chemical releases that have taken place at the property?</td>
</tr>
<tr>
<td>(d.) Do you know of any environmental cleanups that have taken place at the property?</td>
</tr>
<tr>
<td>6. The degree of obviousness of the presence or likely presence of contamination at the property, and the ability to detect the contamination by appropriate investigation (40 CFR 312.31).</td>
</tr>
<tr>
<td>As the user of this ESA, based on your knowledge and experience related to the property are there any obvious indicators that point to the presence or likely presence of contamination at the property?</td>
</tr>
</tbody>
</table>

The user has provided the following information concerning the owner, property manager and occupant information:

- Courtney Underwood, property owner; 214-536-3781.

4.2 **Reason for Performing Phase I**

As per ASTM Standard E 1527-13, it is the user’s responsibility to identify the reason for performing the Environmental Site Assessment, which may include, among other reasons, the intention to satisfy one of the requirements to qualify for one of the landowner liability protections under CERCLA. If no reason for performing the Environmental Site Assessment is provided by the user, it is assumed the report is to conduct all appropriate inquiry to satisfy one of the landowner liability protections under CERCLA.
## 5.0 Records Review
### 5.1 Standard Environmental Record Sources, Federal, State & Tribal

The following federal, state and tribal environmental records were searched. This information was provided by AAI Environmental Data and is subject to the AAI Data Disclaimer. Full descriptions on the search and facilities located are included in the Appendix. The AAI Data summary is as follows:

<table>
<thead>
<tr>
<th>Source</th>
<th>Environmental Record</th>
<th>Updated</th>
<th>ASTM Search Distance (miles)</th>
<th>Subject Property</th>
<th>Adjoining Property</th>
<th>1/2 Mile</th>
<th>1 Mile</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Federal Sites</td>
<td></td>
<td></td>
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<tr>
<td>EPA</td>
<td>NPL</td>
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<tr>
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<td>-</td>
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<td>EPA</td>
<td>IC/EC</td>
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<tr>
<td>State and Tribal Sites</td>
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<tr>
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</tr>
<tr>
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<tr>
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</tr>
<tr>
<td>TCEQ</td>
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<tr>
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<td>0</td>
<td>0</td>
<td>0</td>
</tr>
</tbody>
</table>

*Adjoining properties are defined as being within a search radius of 0.25 mi. from the subject property boundaries.

### UNMAPPED / UNGEOCODED SITES

<table>
<thead>
<tr>
<th>Environmental Records</th>
<th>ASTM Search Distance (miles)</th>
<th>Total Identified</th>
</tr>
</thead>
<tbody>
<tr>
<td>Federal / State/ Tribal</td>
<td>Subject Property - 1.0 mile</td>
<td>Three (3)</td>
</tr>
</tbody>
</table>

---

Phase Engineering, Inc. 201712040
Unmapped Sites

Numerous sites are considered unmapped because the federal or state databases do not adequately define the address and/or location to properly plot the site using standard geo-coding processes. Unmapped sites are generally reviewed using a zip code and street name search.

Based on additional research conducted the unmapped sites do not appear to have environmentally impacted the subject property. No recognized environmental conditions appear to exist.

National Priority List (NPL)

List compiled by EPA pursuant to CERCLA 42 U.S.C. § 9605(a)(8)(B) of properties with the highest priority for cleanup pursuant to EPA’s Hazard Ranking System. See 40 C.F.R. Part 300.

Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS)

The CERCLIS List contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL. The information on each site includes a history of all pre-remedial, remedial, removal and community relations activities or events at the site, financial funding information for the events, and unrestricted enforcement activities.

Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS) / No Further Remedial Action Planned (NFRAP)

NFRAP sites may be sites where, following an initial investigation, no contamination was found, contamination was removed quickly, or the contamination was not serious enough to require Federal Superfund action, CERCLA or NPL consideration.

Resource Conservation and Recovery Act (RCRA) Corrective Action Facilities (CORRACTS)

Hazardous waste treatment, storage, or disposal facilities and other RCRA-regulated facilities (due to past interim status or storage of hazardous wastes beyond 90 days) that have been notified by the U.S. Environmental Protection Agency to undertake corrective action under RCRA. The CORRACTS list is a subset of the EPA database that manages RCRA data.

Resource Conservation and Recovery Act (RCRA) Non-CORRACTS Hazardous Waste Treatment, Storage, and Disposal Facilities (TSD)

Those facilities on which treatment, storage and/or disposal of hazardous wastes takes place, as defined and regulated by RCRA.

Resource Conservation and Recovery Act (RCRA) Generators of Hazardous Wastes

Those persons or entities that generate hazardous wastes, as defined by RCRA.

Emergency Response Notification System (ERNS)

EPA’s emergency response notification system list of reported CERCLA hazardous substance releases or spills in quantities greater than the reportable quantity, as maintained at the National Response Center. Notification requirements for such releases or spills are codified in 40 CFR Parts 302 and 355.
Federal Institutional Control / Engineering Control Registries

Engineering Controls (EC) – Physical modifications to a site or facility (for example, capping, slurry walls, or point of use water treatment) to reduce or eliminate the potential for exposure to hazardous substances or petroleum products in the soil or groundwater on the property. Engineering controls are a type of activity and use limitation (AUL).

Institutional Controls (IC) – A legal or administrative restriction (for example, “deed restrictions,” restrictive covenants, easements, or zoning) on the use of, or access to, a site or facility to (1) reduce or eliminate potential exposure to hazardous substances or petroleum products in the soil or ground water on the property, or (2) prevent activities that could interfere with the effectiveness of a response action, in order to ensure maintenance of a condition of no significant risk to public health or the environment. An institutional control is a type of Activity and Use Limitation (AUL).

IC / EC Registries – Databases of institutional controls or engineering controls that may be maintained by a federal, state or local environmental agency for purposes of tracking sites that may contain residual contamination and AULs. The names for these may vary from program to program and state to state.

State / Tribal Equivalent - National Priority List (NPL)
This list is the state / tribal equivalent to the EPA NPL list.

State / Tribal Equivalent Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS) (SCL)
This list is the state / tribal equivalent to the EPA CERCLIS list.

State / Tribal Voluntary Cleanup Program Sites
List of state / tribal sites undergoing investigation, remediation and / or response action under the applicable state / tribal environmental regulatory agency.

Solid Waste Landfills (SWLF)
List of landfills, transfer stations, sludge application sites, illegal dump sites, recycling facilities, and medical waste generators and transporters.

Leaking Petroleum Storage Tank Sites (LPST)
State lists of leaking underground storage tank sites. RCRA gives EPA and states, under cooperative agreements with the EPA, authority to cleanup releases from UST systems or require owners and operators to do so. (42 U.S.C. § 6991b).

Registered Storage Tanks
Underground storage tanks (USTs) - Any tank, including underground piping connected to the tank, that is or has been used to contain hazardous substances or petroleum products and the volume of which is 10% or more beneath the surface of the ground.

Aboveground storage tanks (ASTs) - Any tank, including aboveground piping connected to the tank, that is or has been used to contain hazardous substances or petroleum products and the volume of which is 90% or more above the surface of the ground.
State / Tribal Institutional Control / Engineering Control Registries

Engineering Controls (EC) – Physical modifications to a site or facility (for example, capping, slurry walls, or point of use water treatment) to reduce or eliminate the potential for exposure to hazardous substances or petroleum products in the soil or groundwater on the property. Engineering controls are a type of activity and use limitation (AUL).

Institutional Controls (IC) – A legal or administrative restriction (for example, “deed restrictions,” restrictive covenants, easements, or zoning) on the use of, or access to, a site or facility to (1) reduce or eliminate potential exposure to hazardous substances or petroleum products in the soil or ground water on the property, or (2) to prevent activities that could interfere with the effectiveness of a response action, in order to ensure maintenance of a condition of no significant risk to public health or the environment. An institutional control is a type of Activity and Use Limitation (AUL).

IC / EC Registries – Databases of institutional controls or engineering controls that may be maintained by a federal, state or local environmental agency for purposes of tracking sites that may contain residual contamination and AULs. The names for these may vary from program to program and state to state.

State / Tribal Brownfields

Brownfields are former industrial and commercial sites where redevelopment is complicated by real or perceived contamination.

Sites Found:

<table>
<thead>
<tr>
<th>Map ID#</th>
<th>Type</th>
<th>Facility ID#</th>
<th>Facility Name</th>
<th>Address</th>
<th>Distance / Direction</th>
<th>Apparent Impact to Subject Property</th>
<th>Justification</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>UST</td>
<td>78262</td>
<td>BROOKSHIRE</td>
<td>990 S PRESTON RD CELINA,TX 75009</td>
<td>0.15 W</td>
<td>No</td>
<td>Direction and Status</td>
</tr>
</tbody>
</table>

Summary of Critical Identified Sites

The west adjoining property, addressed as 990 South Preston Road under the name Brookshire Grocery 73, is a registered UST facility. A 30,000 gallon three-compartment gasoline and diesel UST was installed at this facility in 2006 and is currently in use. This facility is not listed as leaking with the TCEQ. Phase Engineering, Inc. has the opinion that, based on direction and non-leak status, this facility does not appear to have impacted the subject property.

None of the remaining sites listed on the database are the subject property or an adjoining property. There is no indication that the sites identified in the ASTM Standard Environmental Record Sources search have had or will have an environmental impact to the subject property. Phase Engineering, Inc. has the opinion that based on distance, direction, status or other justifications; it does not appear the subject property has been impacted from these remaining facilities. No recognized environmental conditions appear to exist to the subject property.

Phase Engineering, Inc. has made an attempt to review regulatory agency files to determine if the subject property or any of the adjoining properties have been identified on one or more of the standard
environmental record sources per ASTM Standard Practice E 1527-13 Section 8.2.1. The purpose of the regulatory file review is to obtain sufficient information to assist the environmental professional in determining if a recognized environmental condition, historical recognized environmental condition, controlled recognized environmental condition or a de minimis condition exists at the subject property in connection with the listing. Phase Engineering, Inc. has provided copies of the relevant reviewed regulatory agency file information in Appendix III of this report. If this information has been determined to be of a file size that is impractical to provide in Appendix III, then this information will be provided at the request of the user of this report under separate cover. Some of the regulatory documentation has been deemed not to be reasonably ascertainable due to (1) information that is not publically available, (2) information that is not obtainable from its source within reasonable time and cost constraints, and (3) information that is not practically reviewable (ASTM Standard Practice E 1527-13 Section 8.1.4). If a regulatory agency file review is not warranted or is not reasonably ascertainable, then Phase Engineering, Inc. has provided an explanation within this report for not conducting the applicable regulatory agency file review.

5.2 Additional Environmental Record Sources

To enhance and supplement the ASTM E1527-13 standard environmental record sources specified in 8.2.1, local records and/or additional state or tribal records shall be checked when, in the judgment of the environmental professional, such additional records (1) are reasonably ascertainable, (2) are sufficiently useful, accurate and complete in light of the objective of the records review (see 8.1.1), and (3) are generally obtained, pursuant to local good commercial or customary practice, in initial environmental site assessments in the type of commercial real estate transaction involved. To the extent additional sources are used to supplement the same record types listed specified in 8.2.1, approximate minimum search distances should not be less than those specified above (adjusted as provided in 8.2.1 and 8.1.2.1). Phase Engineering has reviewed additional environmental record sources and has included these sources in this report when the record sources were reasonably ascertainable, sufficiently useful and generally obtained, pursuant to local good commercial or customary practice.

5.3 Physical Setting Sources

The following physical setting sources were searched and no environmental problems due to geologic, hydrogeologic, hydrologic, or topographic characteristics of the subject property were noted nor were conditions identified in which hazardous substances or petroleum products were likely to migrate to the property or from or within the property into the ground water or soil except as noted. A copy of each source is included in Appendix I of this report.

<table>
<thead>
<tr>
<th>Topographic and Hydrogeologic Settings</th>
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</thead>
<tbody>
<tr>
<td><strong>Source Name</strong></td>
</tr>
<tr>
<td>USGS 7.5 Minute Topographic Map</td>
</tr>
<tr>
<td>Current USGS Topographic Map</td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td><strong>Groundwater Information</strong></td>
</tr>
<tr>
<td>Texas Water Development Board (TWDB)</td>
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<tr>
<td>Submitted Driller's Database</td>
</tr>
<tr>
<td>Geologic Formation</td>
</tr>
<tr>
<td>------------------------------------</td>
</tr>
<tr>
<td>Austin Chalk (Kau)</td>
</tr>
<tr>
<td>Eagle Ford Formation (Kef)</td>
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</table>

Source: Geologic Database of Texas compiled by the USGS, TWDB, BEG (2007)  
**Underlying Aquifer(s)**

<table>
<thead>
<tr>
<th>Aquifer Name</th>
<th>Aquifer Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Trinity Aquifer (subcrop)</td>
<td>&quot;The Trinity Aquifer, a major aquifer, extends across much of the central and northeastern part of the state. It is composed of several individual aquifers contained within the Trinity Group. Although referred to differently in different parts of the state, they include the Antlers, Glen Rose, Paluxy, Twin Mountains, Travis Peak, Hensell, and Hosston aquifers. These aquifers consist of limestones, sands, clays, gravels, and conglomerates, and their combined freshwater saturated thickness averages about 600 feet in North Texas and about 1,900 feet in Central Texas. In general, groundwater is fresh but very hard in the outcrop of the aquifer. Total dissolved solids increase from below 1,000 milligrams per liter of total dissolved solids in the east and southeast to between 1,000 and 5,000 milligrams per liter of total dissolved solids, or slightly to moderately saline, as the depth to the aquifer increases. Sulfate and chloride concentrations also tend to increase with depth. The Trinity Aquifer discharges to a large number of springs, with most discharging less than 10 cubic feet per second. The aquifer is one of the most extensive and highly used groundwater resources in Texas. Although its primary use is for municipalities, it is also used for irrigation, livestock, and other domestic purposes. Some of the state’s largest water level declines, ranging from 350 to more than 1,000 feet, have occurred in counties along the Interstate 35 corridor from McLennan County to Grayson County. These declines are primarily attributed to municipal pumping and have lessened in the past decade as a result of increasing reliance on surface water. The planning groups recommended numerous water management strategies for the Trinity Aquifer, including developing new wells and well fields, pumping more water from existing wells, overdrafting, reallocating supplies, developing aquifer storage and recovery, and using surface water and groundwater conjunctively.&quot;</td>
</tr>
</tbody>
</table>
**Underlying Aquifer(s)**

<table>
<thead>
<tr>
<th>Aquifer Name</th>
<th>Aquifer Description</th>
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<tbody>
<tr>
<td>Woodbine Aquifer (subcrop)</td>
<td>&quot;The Woodbine Aquifer is a minor aquifer located in northeast Texas. The aquifer overlies the Trinity Aquifer and consists of sandstone interbedded with shale and clay that form three distinct water-bearing zones. The Woodbine Aquifer reaches 600 feet in thickness in subsurface areas, and freshwater saturated thickness averages about 160 feet. Water quality and yield varies with the depth of the aquifer. The lower zones of the aquifer typically yield the most water, while the upper zone yields limited water that tends to be very high in iron. In general, water to a depth of 1,500 feet is fresh, containing less than 1,000 milligrams per liter of total dissolved solids. Water at depths below 1,500 feet contains slightly to moderately saline water, ranging from 1,000 to 4,000 milligrams per liter of total dissolved solids. The aquifer provides water for municipal, industrial, domestic, livestock, and small irrigation supplies. Large water level declines, due to heavy municipal and industrial pumping in the Sherman-Denison area of Grayson County, have moderated in the past decade as suppliers have switched to surface water. The planning groups recommended several water management strategies that use the Woodbine Aquifer, including constructing new wells, pumping more water from existing wells, developing supplemental wells to maintain current supplies, overdrafting, and reallocating supplies.&quot;</td>
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**Flood Zone(s)**

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<th>Zone Description</th>
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<td>Zone C (X-Unshaded)</td>
<td>Minimal risk areas outside the 1-percent and .2-percent-annual-chance floodplains. No BFEs or base flood depths are shown within these zones. (Zone X (unshaded) is used on new and revised maps in place of Zone C.)</td>
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</tbody>
</table>

This data was obtained from the most current FEMA information available on line. Actual flood elevation should be obtained by a qualified survey or other professional. During a flood event, the potential exists for the migration of hazardous substances and / or petroleum products to and / or from the subject property. Source: Flood Emergency Management Agency (FEMA) Collin County, Texas Flood Insurance Rate Map (FIRM).
### Near Surface Soils

<table>
<thead>
<tr>
<th>Soil Name(s)</th>
<th>Soil Description</th>
</tr>
</thead>
</table>
| Stephen-Eddy complex, 3 to 5 percent slopes, eroded (SeC2) | Component: Stephen (70%) "The Stephen component makes up 70 percent of the map unit. Slopes are 3 to 5 percent. This component is on ridges on dissected plains. The parent material consists of residuum weathered from Austin chalk formation. Depth to a root restrictive layer, bedrock, paralithic, is 7 to 20 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is moderately low. Available water to a depth of 60 inches (or restricted depth) is very low. Shrink-swell potential is moderate. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 3 percent. This component is in the R086AY554TX Chalky Ridge 40+" Pz ecological site. Nonirrigated land capability classification is 4e. This soil does not meet hydric criteria. The calcium carbonate equivalent within 40 inches, typically, does not exceed 23 percent."
Component: Eddy (25%) "The Eddy component makes up 25 percent of the map unit. Slopes are 3 to 5 percent. This component is on ridges on dissected plains. The parent material consists of residuum weathered from Austin chalk. Depth to a root restrictive layer, bedrock, paralithic, is 3 to 15 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is moderately low. Available water to a depth of 60 inches (or restricted depth) is very low. Shrink-swell potential is low. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 1 percent. This component is in the R086AY554TX Chalky Ridge 40+" Pz ecological site. Nonirrigated land capability classification is 6e. This soil does not meet hydric criteria. The calcium carbonate equivalent within 40 inches, typically, does not exceed 60 percent." |
| Heiden clay, 3 to 5 percent slopes, eroded (HcC2) | "The Heiden, moderately eroded component makes up 85 percent of the map unit. Slopes are 3 to 5 percent. This component is on ridges on dissected plains. The parent material consists of clayey residuum weathered from mudstone. Depth to a root restrictive layer, densic material, is 40 to 65 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is low. Available water to a depth of 60 inches (or restricted depth) is high. Shrink-swell potential is very high. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 3 percent. This component is in the R086AY196TX Blackland 28-40" Pz ecological site. Nonirrigated land capability classification is 3e. This soil does not meet hydric criteria. The calcium carbonate equivalent within 40 inches, typically, does not exceed 14 percent. There are no saline horizons within 30 inches of the soil surface. The soil has a maximum sodium adsorption ratio of 7 within 30 inches of the soil surface." |

5.4 Historical Use Information

Historical sources were consulted to develop a history of the previous uses of the property and the surrounding area, in order to help identify the likelihood of past uses having led to recognized environmental conditions in connection with the property. All obvious uses of the property were identified from the present, back to the property’s obvious first developed use, or back to 1940, whichever is earlier as per ASTM E 1527-13, Section 8.1.4, Reasonably Ascertainable / Standard Sources.

5.4.1 Summary of Historical Information on Subject Property

<table>
<thead>
<tr>
<th>YEAR</th>
<th>PROPERTY USE</th>
<th>RESOURCE(S)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1940s - 1952</td>
<td>Assumed to be undeveloped and agricultural land</td>
<td>1952 aerial photograph</td>
</tr>
</tbody>
</table>

5.4.2 Summary of Historical Use Information on Adjoining Properties

Phase Engineering, Inc. has conducted thorough research including site observations, regulatory records review and review of reasonably ascertainable standard and other historical sources to determine current and past uses of adjoining properties. Standard and historical sources used to make these determinations include aerial photographs; topographic maps, city directories (if coverage is available); and / or, fire insurance rate maps (if coverage is available). The following are summaries of each adjoining property use and identification of any potential environmental concerns or recognized environmental conditions associated with the property usage:

<table>
<thead>
<tr>
<th>Direction</th>
<th>Historical Use Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>North Adjoining Property</td>
<td>East Sunset Boulevard, single family residential property and undeveloped land</td>
</tr>
<tr>
<td>East Adjoining Property</td>
<td>County Road 89, single family residential property, a quarry and undeveloped land</td>
</tr>
<tr>
<td>South Adjoining Property</td>
<td>Undeveloped and agricultural land</td>
</tr>
<tr>
<td>West Adjoining Property</td>
<td>Brookshire’s grocery store/convenience store/gasoline station, two retail centers (no environmentally sensitive businesses), State Farm Insurance and undeveloped and agricultural land</td>
</tr>
</tbody>
</table>

5.4.3 Standard Historical Sources

The following historical sources were consulted to determine prior usage and potential areas of environmental problem areas:
5.4.3.1 Aerial Photographs

Aerial photographs were reviewed for use which would indicate areas of environmental concern. The aerial photographs did not indicate any usage except as noted in this report and are included in Appendix I. The following aerial photographs were reviewed as part of this assessment:

<table>
<thead>
<tr>
<th>Property Identification</th>
<th>Improvement Description</th>
<th>Identified Areas of Environmental Concern</th>
</tr>
</thead>
<tbody>
<tr>
<td>Subject Property</td>
<td>These photographs show residential improvements at this property.</td>
<td>No areas of environmental concern are shown at this property on these photographs.</td>
</tr>
<tr>
<td>North</td>
<td>These photographs show no improvements at this property.</td>
<td>No areas of environmental concern are shown at this property on these photographs.</td>
</tr>
<tr>
<td>East</td>
<td>These photographs show residential improvements at this property.</td>
<td>These photographs show indications of a pit or landfill related activity at this property.</td>
</tr>
<tr>
<td>South</td>
<td>These photographs show no improvements at this property.</td>
<td>No areas of environmental concern are shown at this property on these photographs.</td>
</tr>
<tr>
<td>West</td>
<td>These photographs show commercial improvements at this property.</td>
<td>No areas of environmental concern are shown at this property on these photographs.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Property Identification</th>
<th>Improvement Description</th>
<th>Identified Areas of Environmental Concern</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>1995 and 2004 Aerial Photographs</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Subject Property</td>
<td>These photographs show residential improvements at this property.</td>
<td>No areas of environmental concern are shown at this property on these photographs.</td>
</tr>
<tr>
<td>North</td>
<td>These photographs show residential improvements at this property.</td>
<td>No areas of environmental concern are shown at this property on these photographs.</td>
</tr>
<tr>
<td>East</td>
<td>These photographs show residential improvements at this property.</td>
<td>These photographs show indications of a pit or landfill related activity at this property.</td>
</tr>
<tr>
<td>South</td>
<td>These photographs show no improvements at this property.</td>
<td>No areas of environmental concern are shown at this property on these photographs.</td>
</tr>
<tr>
<td>West</td>
<td>These photographs show no improvements at this property.</td>
<td>No areas of environmental concern are shown at this property on these photographs.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Property Identification</th>
<th>Improvement Description</th>
<th>Identified Areas of Environmental Concern</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>1969 and 1982 Aerial Photographs</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Property Identification</td>
<td>Improvement Description</td>
<td>Identified Areas of Environmental Concern</td>
</tr>
<tr>
<td>-------------------------</td>
<td>-------------------------</td>
<td>------------------------------------------</td>
</tr>
<tr>
<td>Subject Property</td>
<td>These photographs show no improvements at this property.</td>
<td>No areas of environmental concern are shown at this property on these photographs.</td>
</tr>
<tr>
<td>North</td>
<td>These photographs show residential improvements at this property.</td>
<td>No areas of environmental concern are shown at this property on these photographs.</td>
</tr>
<tr>
<td>East</td>
<td>These photographs show residential improvements at this property.</td>
<td>These photographs show indications of a pit or landfill related activity at this property.</td>
</tr>
<tr>
<td>South</td>
<td>These photographs show no improvements at this property.</td>
<td>No areas of environmental concern are shown at this property on these photographs.</td>
</tr>
<tr>
<td>West</td>
<td>These photographs show no improvements at this property.</td>
<td>No areas of environmental concern are shown at this property on these photographs.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Property Identification</th>
<th>Improvement Description</th>
<th>Identified Areas of Environmental Concern</th>
</tr>
</thead>
<tbody>
<tr>
<td>1952 Aerial Photograph</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Subject Property</td>
<td>This photograph shows no improvements at this property.</td>
<td>This photograph shows indications of agricultural related activity at this property.</td>
</tr>
<tr>
<td>North</td>
<td>This photograph shows residential improvements at this property.</td>
<td>No areas of environmental concern are shown at this property on this photograph.</td>
</tr>
<tr>
<td>East</td>
<td>This photograph shows residential improvements at this property.</td>
<td>This photograph shows indications of a pit or landfill related activity at this property.</td>
</tr>
<tr>
<td>South</td>
<td>This photograph shows no improvements at this property.</td>
<td>This photograph shows indications of agricultural related activity at this property.</td>
</tr>
<tr>
<td>West</td>
<td>This photograph shows no improvements at this property.</td>
<td>No areas of environmental concern are shown at this property on this photograph.</td>
</tr>
</tbody>
</table>

5.4.3.2 Fire Insurance Maps

In the late nineteenth century, private companies began preparing maps of central business districts for use by fire insurance companies. These maps were updated and expanded geographically periodically throughout the twentieth century. The maps often indicate construction materials of specific building structures and the location of gasoline storage tanks.

Fire insurance rate map coverage was not available for the subject property area.
5.4.3.3 Property Tax Files

Collin County Appraisal District tax records show that the subject property is owned by Neu Irrevocable 2006 Trust. The property tax records are located in the Appendix.

5.4.3.4 Land Title Records & Environmental Lien Searches

A title search was not conducted for this assessment and was not provided by the user for review.

No recorded Institutional Controls or Engineering Controls (IC / EC) or Activity Use Limitations (AULs) were found as part of research of federal and state agencies.

5.4.3.5 USGS 7.5 Minute Topographic Map

Topographic maps were reviewed for use which would indicate areas of environmental concern. The topographic maps did not indicate any usage except as noted in this report and are included in Appendix I. The following topographic maps were reviewed for this assessment:

<table>
<thead>
<tr>
<th>TOPOGRAPHIC MAPS</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Year</strong></td>
</tr>
<tr>
<td>2016</td>
</tr>
<tr>
<td>2013</td>
</tr>
<tr>
<td>1973</td>
</tr>
<tr>
<td>1960</td>
</tr>
</tbody>
</table>

5.4.3.6 Local Street Directories

Street directories were reviewed at a minimum of five year intervals and / or property use changes via Phone Disc, Cole, Kriss Kross, and Polk City Directories.

See Street directory summary table on the following page(s).
<table>
<thead>
<tr>
<th>Year</th>
<th>Subject Property</th>
<th>North Adjoining Property</th>
<th>East Adjoining Property</th>
<th>South Adjoining Property</th>
<th>West Adjoining Property</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Undeveloped Land</td>
<td>Undeveloped Land</td>
<td>6444 FM 89</td>
<td>6435 FM 89</td>
<td>675 Sunset Blvd</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>6384 FM89</td>
<td>Undeveloped Land</td>
<td>1050 S Preston Rd</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>1060 S Preston Rd</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>990 S Preston</td>
</tr>
<tr>
<td>2017</td>
<td>NL</td>
<td>NL</td>
<td>Residential</td>
<td>Residential</td>
<td>Brookshire's/Pharmacy/</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>NL</td>
<td>NL</td>
<td>Deli/</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Retail Center/ No env</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>concerns</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Cardtronics ATM</td>
</tr>
<tr>
<td>2015</td>
<td>NL</td>
<td>NL</td>
<td>Residential</td>
<td></td>
<td>Brookshire's/Pharmacy/</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>NL</td>
<td></td>
<td>Deli/</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Retail Center/ No env</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>concerns</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Cardtronics ATM</td>
</tr>
<tr>
<td>2010</td>
<td>NL</td>
<td>NL</td>
<td>Residential</td>
<td></td>
<td>NL</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>NL</td>
<td></td>
<td>State Farm Ins</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>NL</td>
</tr>
<tr>
<td>2004</td>
<td>NL</td>
<td>NL</td>
<td>Residential</td>
<td></td>
<td>NL</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>NL</td>
<td></td>
<td>NL</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>NL</td>
</tr>
<tr>
<td>1992</td>
<td>NL</td>
<td>NL</td>
<td>NL</td>
<td></td>
<td>NL</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>NL</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>NL</td>
</tr>
<tr>
<td>1988</td>
<td>NL</td>
<td>NL</td>
<td>NL</td>
<td></td>
<td>NL</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>NL</td>
</tr>
</tbody>
</table>
5.4.3.7 Other Historical Records

According to ASTM E 1527-13, other historical sources not already addressed in the standard include but are not limited to: Miscellaneous maps, newspaper archives, internet sites, community organizations, local libraries, historical societies and current owners or occupants of neighboring properties. No other historical records were reviewed for subject property, except for the following:

- The Texas Railroad Commission Oil / Gas Well map reviewed for this assessment shows no oil / gas wells or pipelines located at the subject property. See map in Appendix I.
- The Texas Water Development Board (TWDB) map was reviewed for this assessment. The map shows that no water wells are located on the subject property. Other water well map sources may be available for review, however, Phase Engineering, Inc. deems the Texas Water Development Board map the only reasonably ascertainable source available. See map in Appendix I.

### Summary of Environmental Concerns Identified During Historical and Other Records Review

<table>
<thead>
<tr>
<th>Historically, the subject property was agricultural land. Past use as agricultural land may have involved the storage and usage of pesticides, insecticides, herbicides, fungicides, fertilizers and / or other agricultural chemicals. No structures or areas that may have been utilized for storage or loading of these products were noted on historical information reviewed, interviews or during the site visit. These products are not considered a recognized environmental condition per Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) provided they were legally stored, processed and / or applied. Agricultural chemicals that may have been previously stored and / or applied at the subject property would likely have degraded due to surface runoff or atmospheric exposure since the subject property was last utilized for agricultural purposes. Additionally, contact to potentially remaining agricultural residual products would likely be limited during future anticipated development activities including import of engineered fill material and construction of onsite structures. Phase Engineering, Inc. has the opinion that based on lack of former onsite structures that may have potentially been utilized for storage or loading of agricultural chemicals and length of time since the subject property was utilized for agricultural purposes, it does not appear past use as agricultural land has impacted the subject property. No recognized environmental conditions appear to exist.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aerial photographs indicate the west adjoining property was occupied by a convenience store / gasoline station back to the late 2000s. See Section 8.1 for further information.</td>
</tr>
<tr>
<td>Aerial photographs and topographic maps indicate the east adjoining property across County Road 89 has been occupied by a quarry back to at least the early 1950s. No records of environmental violations or cleanups associated with this facility were found. No historical records researched indicated any record of contamination from historical use of this facility. This facility is not listed as an unpermitted landfill with the TCEQ. Phase Engineering has the opinion that, based on lack of violations, enforcement actions or records of contamination and non-permitted landfill status, the east adjoining quarry does not appear to have impacted the subject property.</td>
</tr>
</tbody>
</table>
6.0 Site Reconnaissance

6.1 Objective

The objective of the site reconnaissance is to obtain information indicating the likelihood of identifying recognized environmental conditions in connection with the subject property.

6.2 Observation

As per the ASTM Standard E1527-13 Section 9:

The property shall be visually and/or physically observed and any structure(s) located on the property to the extent not obstructed by bodies of water, adjacent buildings, or other obstacles shall be observed. The periphery of the property shall be visually and/or physically observed, as well as the periphery of all structures on the property, and the property shall be viewed from all adjacent public thoroughfares. If roads or paths with no apparent outlet are observed on the property, the use of the road or path shall be identified to determine whether it was likely to have been used as an avenue for disposal of hazardous substances or petroleum products.

On the interior of structures on the property, accessible common areas expected to be used by occupants or the public, maintenance and repair areas, including boiler rooms, and a representative sample of occupant spaces, shall be visually and/or physically observed. It is not necessary to look under floor, above ceilings, or behind walls.

On 12/20/2017, the subject property was visually and physically observed and walked by Matt Broadaway of Phase Engineering, Inc. The environmental professional(s) responsible for this report, or a trained and qualified individual under their responsible charge, visually and physically observed the property and any structure(s) located on the property to the extent not obstructed by dense vegetation, bodies of water, adjoining buildings, and other obstacles.

6.3 Methodology and Limiting Conditions

100% visual and physical observation to the extent required by the ASTM Standard E1527-13.

The following limiting conditions were identified during the site reconnaissance:

<table>
<thead>
<tr>
<th>Limiting Conditions</th>
<th>Type of Limiting Condition(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Buildings</td>
<td></td>
</tr>
<tr>
<td>Vegetation Cover</td>
<td></td>
</tr>
</tbody>
</table>

6.4 Frequency

A single site visit was performed in connection with the Phase I Environmental Site Assessment on 12/20/2017.

6.5 Uses and Conditions

The uses and conditions should be noted to the extent visually and/or physically observed during the site visit. The uses and conditions should also be the subject of questions asked as part of interviews of owners, operator, and occupants. Uses and condition shall be described in the report. The environmental professional(s) performing the Phase I Environmental Site Assessment are obligated to identify uses and
conditions only to the extent that they may be visually and/or physically observed on a site visit or to the extent that they are identified by the interviews.

Photographs of the subject property, adjoining properties and other key observed features are located in the appendix of this report.

The subject property was observed to be addressed as The Property Located at the Southwest Corner of East Sunset Boulevard and FM 89 Road, Celina, Texas and the current use(s) was / were observed to be single-family residence and acreage.

The following table summarizes addresses and general uses observed for the adjoining properties.

<table>
<thead>
<tr>
<th>Adjoining Property Details</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Direction</strong></td>
</tr>
<tr>
<td>North</td>
</tr>
<tr>
<td>East</td>
</tr>
<tr>
<td>East</td>
</tr>
<tr>
<td>East</td>
</tr>
<tr>
<td>South</td>
</tr>
<tr>
<td>West</td>
</tr>
<tr>
<td>West</td>
</tr>
<tr>
<td>West</td>
</tr>
</tbody>
</table>

### 6.5.1 Surrounding Property Uses

The current uses of properties in the surrounding area were observed to have included the following general categories:

<table>
<thead>
<tr>
<th>Surrounding Area Property Types</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Type of Property</strong></td>
</tr>
<tr>
<td>Undeveloped land</td>
</tr>
<tr>
<td>Single family residential property</td>
</tr>
<tr>
<td>Retail property</td>
</tr>
</tbody>
</table>

### 6.6 Summary of Observations

The following is a summary of observations identified during the site reconnaissance:

<table>
<thead>
<tr>
<th>Observation Summary</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Item of Concern</strong></td>
</tr>
<tr>
<td>Hazardous Substances / Petroleum Products in Connection with Present Use(s)</td>
</tr>
<tr>
<td>Item of Concern</td>
</tr>
<tr>
<td>--------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>Hazardous Substances / Petroleum Products in Connection with Prior Use(s)</td>
</tr>
<tr>
<td>Geologic, Hydrogeologic and / or Topographic Conditions</td>
</tr>
<tr>
<td>Underground Storage Tanks (USTs)</td>
</tr>
<tr>
<td>Aboveground Storage Tanks (ASTs)</td>
</tr>
<tr>
<td>Indications of Underground Storage Tanks</td>
</tr>
<tr>
<td>Sumps, Floor Drains or Storm Water Drains</td>
</tr>
<tr>
<td>Odors</td>
</tr>
<tr>
<td>Pools of Liquid</td>
</tr>
<tr>
<td>Drums</td>
</tr>
<tr>
<td>Hazardous Substance and Petroleum Product Containers</td>
</tr>
<tr>
<td>Unidentified Substance Containers</td>
</tr>
<tr>
<td>Potential PCB Containing Equipment</td>
</tr>
<tr>
<td>Clarifiers</td>
</tr>
<tr>
<td>Pits, Ponds or Lagoons</td>
</tr>
<tr>
<td>Stained Soil or Pavement</td>
</tr>
<tr>
<td>Stressed Vegetation</td>
</tr>
<tr>
<td>Solid Waste</td>
</tr>
<tr>
<td>Mounds, Stockpiled Soils, Filled or Graded Areas and Depressions</td>
</tr>
<tr>
<td>Waste Water</td>
</tr>
<tr>
<td>Water Wells</td>
</tr>
<tr>
<td>Oil and Gas Wells</td>
</tr>
<tr>
<td>Monitoring Wells</td>
</tr>
<tr>
<td>Observation Wells</td>
</tr>
<tr>
<td>Injection Wells</td>
</tr>
<tr>
<td>Pipelines</td>
</tr>
<tr>
<td>Septic Systems</td>
</tr>
<tr>
<td>Other</td>
</tr>
</tbody>
</table>

**Summary of Critical Observed Areas of Environmental Concern**

Markers for a municipal natural gas pipeline were observed located on the southwest portion of the subject property. No indications of a release were identified in association with the pipeline. Phase Engineering, Inc. has the opinion that the subject property does not appear to have been impacted by the pipeline.

A former quarry was observed on the east adjoining property. See Section 8.2 for further information.
## Summary of Critical Observed Areas of Environmental Concern

| A convenience store / gasoline station was observed on the west adjoining property. See Section 8.1 for further information. |
### 7.0 Interviews

#### 7.1 Owner, Key Property Manager and / or Occupant Interviews

<table>
<thead>
<tr>
<th>Interview Summary</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Date</strong></td>
<td><strong>Name</strong></td>
</tr>
<tr>
<td>Current / Past Owner(s)</td>
<td></td>
</tr>
<tr>
<td>12/20/17</td>
<td>Courtney Underwood</td>
</tr>
</tbody>
</table>

Comments on interviews from items above:

Courtney Underwood, property owner, indicated the following:

- She stated the current use of the property is single family residence and acreage.
- She stated that the past use of the subject property was undeveloped land.
- She was not aware of any current or previous hazardous substance or petroleum product release(s) at the subject property or adjoining properties.
- She was not aware of any current or historical USTs or ASTs located at the subject property or adjoining properties.
- She stated that the current/historical water and sanitary service sources to the subject property are provided by the City of Celina.
- When asked if there are environmentally related documentation or reports known to exist in connection with the subject property, Ms. Underwood stated no.
- Courtney Underwood has been associated with the subject property for 12 years.

See interviews, questionnaires and / or records of communication in the Appendix of this report.

#### 7.2 State and / or Local Agency Official Interviews

<table>
<thead>
<tr>
<th>Interview Summary</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Date</strong></td>
<td><strong>Entity / Name</strong></td>
</tr>
<tr>
<td>12/27/17</td>
<td>Celina City Secretary</td>
</tr>
<tr>
<td>12/27/17</td>
<td>City of Celina Website</td>
</tr>
</tbody>
</table>

Comments on interviews from items above:

The subject property is zoned “C-2” (General Commercial District).

Building department, Fire department and Health / environmental department records have been requested from Celina City Secretary. No response has been received. This is considered a data gap. Any information received after the issuance of this report that would affect the Findings and Conclusions of this assessment will be forwarded to the user of this report.

See interviews, questionnaires, records of communication, inquiries and / or Freedom of Information Act (FOIA) requests in the Appendix of this report.

<table>
<thead>
<tr>
<th>Summary of Environmental Concerns Noted During Interviews / Inquiries</th>
</tr>
</thead>
<tbody>
<tr>
<td>No environmental concerns were identified in association with interviews and inquiries conducted for this assessment.</td>
</tr>
</tbody>
</table>
8.0 Findings with Opinions

Known or suspect environmental conditions associated with the subject property and the environmental professional’s opinion(s) of the impact on the property of known or suspect environmental conditions identified are as follows:

8.1 Regulatory Agency Findings / Opinions

The following is a summary of results associated with regulatory agency records review in accordance with ASTM E1527-13 Sections 8.2.1 through 8.2.3:

Summary of Critical Identified Sites

<table>
<thead>
<tr>
<th>Summary of Critical Identified Sites</th>
</tr>
</thead>
<tbody>
<tr>
<td>The west adjoining property, addressed as 990 South Preston Road under the name Brookshire Grocery 73, is a registered UST facility. A 30,000 gallon three-compartment gasoline and diesel UST was installed at this facility in 2006 and is currently in use. This facility is not listed as leaking with the TCEQ. Phase Engineering, Inc. has the opinion that, based on direction and non-leak status, this facility does not appear to have impacted the subject property.</td>
</tr>
<tr>
<td>None of the remaining sites listed on the database are the subject property or an adjoining property. There is no indication that the sites identified in the ASTM Standard Environmental Record Sources search have had or will have an environmental impact to the subject property. Phase Engineering, Inc. has the opinion that based on distance, direction, status or other justifications; it does not appear the subject property has been impacted from these remaining facilities. No recognized environmental conditions appear to exist to the subject property.</td>
</tr>
</tbody>
</table>

8.2 Other Records Review Findings / Opinions

The following is a summary of results associated with standard historical sources in accordance with ASTM E1527-13 Sections 8.3.4.1 through 8.3.4.6 and 8.3.4.9:

Summary of Environmental Concerns Identified During Historical and Other Records Review

<table>
<thead>
<tr>
<th>Summary of Environmental Concerns Identified During Historical and Other Records Review</th>
</tr>
</thead>
<tbody>
<tr>
<td>Historically, the subject property was agricultural land. Past use as agricultural land may have involved the storage and usage of pesticides, insecticides, herbicides, fungicides, fertilizers and / or other agricultural chemicals. No structures or areas that may have been utilized for storage or loading of these products were noted on historical information reviewed, interviews or during the site visit. These products are not considered a recognized environmental condition per Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) provided they were legally stored, processed and / or applied. Agricultural chemicals that may have been previously stored and / or applied at the subject property would likely have degraded due to surface runoff or atmospheric exposure since the subject property was last utilized for agricultural purposes. Additionally, contact to potentially remaining agricultural residual products would likely be limited during future anticipated development activities including import of engineered fill material and construction of onsite structures. Phase Engineering, Inc. has the opinion that based on lack of former onsite structures that may have potentially been utilized for storage or loading of agricultural chemicals and length of time since the subject property was utilized for agricultural purposes, it does not appear past use as agricultural land has impacted the subject property. No recognized environmental conditions appear to exist.</td>
</tr>
<tr>
<td>Aerial photographs indicate the west adjoining property was occupied by a convenience store / gasoline station back to the late 2000s. See Section 8.1 for further information.</td>
</tr>
</tbody>
</table>
Summary of Environmental Concerns Identified During Historical and Other Records Review

Aerial photographs and topographic maps indicate the east adjoining property across County Road 89 has been occupied by a quarry back to at least the early 1950s. No records of environmental violations or cleanups associated with this facility were found. No historical records researched indicated any record of contamination from historical use of this facility. This facility is not listed as an unpermitted landfill with the TCEQ. Phase Engineering has the opinion that, based on lack of violations, enforcement actions or records of contamination and non-permitted landfill status, the east adjoining quarry does not appear to have impacted the subject property.

8.3 Site Reconnaissance Findings / Opinions

The following is a summary of results associated with observations noted during the site reconnaissance in accordance with ASTM E1527-13 Sections 9.4.1 through 9.4.4.7:

<table>
<thead>
<tr>
<th>Summary of Critical Observed Areas of Environmental Concern</th>
</tr>
</thead>
<tbody>
<tr>
<td>Markers for a municipal natural gas pipeline were observed located on the southwest portion of the subject property. No indications of a release were identified in association with the pipeline. Phase Engineering, Inc. has the opinion that the subject property does not appear to have been impacted by the pipeline.</td>
</tr>
<tr>
<td>A former quarry was observed on the east adjoining property. See Section 8.2 for further information.</td>
</tr>
<tr>
<td>A convenience store / gasoline station was observed on the west adjoining property. See Section 8.1 for further information.</td>
</tr>
</tbody>
</table>

8.4 Interview Findings / Opinions

The following is a summary of results associated with interviews and other inquiries in accordance with ASTM E1527-13 Sections 8.3.4.7, 8.3.4.8 and 10.5:

<table>
<thead>
<tr>
<th>Summary of Environmental Concerns Noted During Interviews / Inquiries</th>
</tr>
</thead>
<tbody>
<tr>
<td>No environmental concerns were identified in association with interviews and inquiries conducted for this assessment.</td>
</tr>
</tbody>
</table>

Phase Engineering, Inc. 201712040
9.0 Recommendations

The following recommendation is made with respect to the environmental aspects of the subject property:

No further investigation is required to identify a recognized environmental condition.
10.0 Data Gaps

There were no significant data gaps that affected the ability of the Environmental Professional to identify recognized environmental conditions. A data gap is only significant if other information and/or professional experience raises reasonable concerns involving the data gap.

Certain information, such as interview responses, regulatory and historical information, present and past owners names and/or contact information, title and lien searches, and other information, may not have been available to Phase Engineering, Inc. at the time of the report. Each of these, as addressed in the appropriate report section, represents data failure and, in the opinion of Phase Engineering, Inc., does not represent a significant data gap unless otherwise noted.
11.0 Conclusions

Phase Engineering, Inc. has performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E 1527-13 of The Property Located at the Southwest Corner of East Sunset Boulevard and FM 89 Road, Celina, Collin County, Texas 75009 and more fully described within the report. Any exception to, or deletions from, this practice are described in Section 2.0 of the report.

**Recognized Environmental Conditions**

Recognized environmental condition is defined in ASTM Standard E 1527-13 as “the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: (1) due to any release to the environment; (2) under conditions indicative of a release to the environment; or (3) under conditions that pose a material threat of a future release to the environment.” Phase Engineering, Inc. has considered all migration pathways including soil, groundwater and vapor during evaluation of all identified environmental conditions. This assessment has revealed no evidence of recognized environmental conditions in connection with the property.

**Controlled Recognized Environmental Conditions**

A controlled recognized environmental condition (CREC) is defined in ASTM Standard E 1527-13 as “a recognized environmental condition resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls.” Controlled recognized environmental conditions are recognized environmental conditions. This assessment has revealed no evidence of controlled recognized environmental conditions in connection with the property.

**Historical Recognized Environmental Conditions**

A historical recognized environmental condition (HREC) is defined in ASTM Standard E 1527-13 as “a past release of any hazardous substances or petroleum products that has occurred in connection with the property and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted use criteria established by a regulatory authority, without subjecting the property to any required controls.” A historical recognized environmental condition is not a recognized environmental condition. This assessment has revealed no evidence of historical recognized environmental conditions in connection with the property.

**De minimis Conditions**

*De minimis* conditions are defined in ASTM Standard E 1527-13 as conditions “that generally do not present a material risk of harm to public health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies.” *De minimis* conditions are not recognized environmental conditions. This assessment has revealed no evidence of *de minimis* conditions in connection with the property.
12.0 Deviations

12.1 Scope of Services

There were no significant deletions or deviations from the ASTM Standard E 1527-13 scope of services.

12.2 Client Constraints

Client and/or user imposed constraints consisted of the following:

- There were no user constraints.
13.0 Qualifications

The statement of qualifications of the environmental professionals responsible for the Environmental Site Assessment is included in the Appendix of this report.
14.0 Environmental Professional Statement

We declare that, to the best of our professional knowledge and belief, we meet the definition of Environmental Professionals as defined in §312.10 of 40 CFR 312.

We have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. We have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

Janis Franklin, P.G.

Environmental Professional
15.0 Non-Scope Considerations

The ASTM Standard E 1527-13 Section 13.1.5 has identified several non-scope considerations that persons may want to assess in connection with commercial real estate. No implication is intended as to the relative importance or inquiry into such non-scope considerations, and this list of non-scope considerations is not intended to be all inclusive:

- Asbestos-containing building materials
- Biological agents
- Cultural and historic resources
- Ecological resources
- Endangered species
- Health and safety
- Indoor air quality unrelated to release of hazardous substances or petroleum products into the environment
- Industrial hygiene
- Lead-based paint
- Lead in drinking water
- Mold
- Radon
- Regulatory compliance
- Wetlands

Additional non-scope issues that are not addressed in this report are:

- Activity and use limitations compliance
- Controlled substances unless this report was prepared as part of an EPA Brownfields Assessment and Characterization Grant awarded under CERCLA 42 U.S.C. §9604(k)(2)(B) and contracted for as such in the letter of engagement
- Earthquake and Fault Zones
- Vapor intrusion/encroachment screening as provided for in ASTM Standard E 2600

A discussion of certain non-scope items are included below for guidance for a user of this report to determine is additional inquiry may be appropriate. There may be standards or protocols for assessment of potential hazards and conditions associated with non-scope conditions developed by governmental entities, professional organizations, or other private entities. No implication is intended as to the relative importance of inquiry into such non-scope considerations.

15.1 Asbestos-Containing Building Materials

Asbestos is a commercial term for a group of silicate minerals that readily separate into thin, strong fibers that are flexible, heat resistant, and chemically inert, and are used in a wide variety of industrial products. Of the six asbestos minerals, chrysotile, amosite, and crocidolite have been most commonly used in building products. When inhaled or ingested, it has been determined that asbestos fibers can cause serious health problems. A building owner and/or manager is required to follow all federal, state, and local rules and regulations pertaining to asbestos containing building materials.

For all structures built prior to 1978, the HUD Multifamily Accelerated Processing (MAP) Guide requires a comprehensive building asbestos survey to be completed pursuant to the requirements of ASTM E 2356-10, "Standard Practice for Comprehensive Building Asbestos Surveys". Since the on-site building...
was constructed in the early 1990s, an asbestos inspection is not recommended nor conducted as part of this assessment.

### 15.2 Cultural and Historical Resources

When projects are funded in whole or in part through federal programs, such as HUD or USDA, a Section 106 consultation process in compliance with the National Historic Preservation Act must be completed. In July 2014, a memorandum between the Texas State Historic Preservation Officer (SHPO) and HUD was released providing guidelines for consulting with the SHPO to meet Section 106 requirements.

For the purposes of this review the Area of Potential Effects (APE) has been defined as the boundaries of the subject property and adjacent properties. Phase Engineering, Inc. reviewed the Texas Historic Sites Atlas on the Texas Historical Commission (THC) website for potential historic properties or districts located within the project’s APE. In addition, any properties identified as older than 45-years or local historic districts within the APE were noted during the site reconnaissance. No historic properties or districts appear to be located within the project’s APE. See Historical and Archaeological Sites Map in the Appendix.

If funding or permitting through a federal agency is anticipated, a Section 106 Consultation form with supporting documentation can be submitted to the SHPO in addition to this review. The Section 106 consultation will also include an invitation to comment submitted to a local historic preservation office and Native American Tribes. A Section 106 Consultation was not conducted as part of this assessment.

### 15.3 Endangered Species

The Endangered Species Act of 1973 was established to provide protection and recovery for a list of specific species and their ecosystems. An endangered species is defined as an animal or plant species which are in danger of extinction throughout all or a significant portion of its range. A threatened species is one which is likely to become endangered in the foreseeable future. A review of the listed species for the project area and assessment of the potential impacts of the proposed project to these species was not completed as part of this review.

Critical Habitat is a specific geographic area(s) that has been designated by the United States Fish and Wildlife Service (USFW) which is essential for the conservation of a listed threatened or endangered species and may require special management and protection. The subject property does not contain an area determined to be critical habitat according to our review of the USFW Critical Habitat Portal.

See Critical Habitat Map in the Appendix.

### 15.4 Lead-Based Paint

Lead is a metal that is highly toxic to humans, particularly children. Human contamination usually occurs by oral ingestion or respiratory inhalation of dust or chips of paint made with lead pigment in both interior and exterior paints. Lead-containing paint was outlawed in 1978.

A visual lead based paint inspection was conducted as part of this assessment. No paint chips were noted on the ground during the site inspection. No lead based paint sampling was performed as part of this ESA and no previous lead based paint inspection reports or abatement reports were provided to Phase Engineering, Inc.

The onsite building was constructed in the early 1990s. Phase Engineering, Inc. has the opinion that based on age of the onsite building, an inspection for lead based paint at the subject property would not be necessary.
15.5 Lead in Drinking Water

Lead is a toxic metal found in natural deposits and is commonly used in plumbing materials and water service lines. Construction built before 1986 is more likely to have lead pipes, fixtures and solder. Lead is rarely found in source water, but enters tap water through corrosion of plumbing materials. All public water systems must test for lead within their distribution system in compliance with the EPA’s Lead and Copper Rule. Phase Engineering, Inc. reviewed the 2015 Annual Drinking Water Quality Report for the City of Celina. According to the report, lead is not reported above the maximum contamination level (MCL) in the samples tested.

The onsite building was constructed in the early 1990s. Phase Engineering, Inc. has the opinion that based on age of the onsite building, tests to determine lead in the drinking water at the subject property would not be necessary. See Drinking Water Quality Report in the appendix.

15.6 Radon

The U.S. EPA and the U.S. Geological Survey evaluated the radon potential in the U.S. and developed a map to assist National, State and local organizations to target their resources and to assist building code officials in deciding whether radon-resistant features are applicable in new construction. The map assigns each of the 3,141 counties in the U.S. to one of three zones based on radon potential. Each zone designation reflects the average short-term radon measurement that can be expected to be measured in a building without the implementation of radon control methods. See the Texas Radon Map located in the Appendix.

In 1994, a statewide survey of indoor residential radon was conducted by the Texas Department of Health and Southwest Texas State University. The report identified several areas of Texas where the local geology is suspected to contribute to elevated levels of indoor radon. See Texas Indoor Radon Survey in the Appendix.

Projects funded by FHA Multifamily Insured mortgage applications must comply with the HUD Mortgagee Letter 2013-07, which requires a radon assessment as a supplement to the Environmental review requirements of Chapter 9 of the Multifamily Accelerated Processing (MAP) Guide. In accordance with Section III.IV.D of the HUD letter, post-construction radon testing is required for all new construction projects located within Radon Zone 3. The radon testing must be performed in accordance to the ANSI/AARST protocol for conducting radon and radon decay product measurements in multi-family buildings.

See preliminary findings and requirement for radon testing from the EPA Radon Map and Texas Statewide Survey in the table below:

<table>
<thead>
<tr>
<th>Preliminary Radon Results Summary</th>
</tr>
</thead>
<tbody>
<tr>
<td>EPA Radon Zone Designation</td>
</tr>
<tr>
<td>Collin County</td>
</tr>
<tr>
<td>Zone 3 - Low Potential (&lt;2 pCi/L)</td>
</tr>
</tbody>
</table>
15.7 Wetlands

The U.S. Army Corps of Engineers (USCOE) requires permitting prior to the filling of certain jurisdictional wetland areas and other waters of the U.S. Geospatial wetland data is managed by the U.S. Fish and Wildlife Service and presented in maps known as the National Wetland Inventory (NWI). A review of the NWI map for the subject property indicates there are no mapped wetlands at the subject property. An on-site wetlands determination assessment is not recommended to determine if all characteristics for a wetland are present at the subject property.

The USCOE and the U.S. Environmental Protection Agency use three characteristics as indicators of wetlands. These characteristics are: Vegetation, Soil, and Hydrology. The final determination of whether an area is a wetland and whether the activity requires a permit must be made by the appropriate Corps District Office (source: Corps of Engineers Wetlands Delineation Manual). A wetlands determination was not conducted as part of this assessment.

See NWI Map in the Appendix.

15.8 Vapor Encroachment Screening

A vapor encroachment condition (VEC) is the presence or likely presence of hazardous substances or petroleum products vapors in the sub-surface of a property caused by the release of vapors from contaminated soil or groundwater either on or near the property. Vapor intrusion is the presence of such vapors in a building or structure located on a property. Although the vapor migration pathway is considered in the identification of recognized environmental conditions under ASTM Standard E 1527-13 and in this report, a Tier 1 Vapor Encroachment Screening (VES) assessment was conducted as part of this report. The VES was conducted in accordance with ASTM E2600-10, Standard Guide for Vapor Encroachment Screening on Property Involved in Real Estate Transactions.

The following table includes an evaluation of Standard Environmental Record Sources and the approximate minimum search distances as listed in subsection 8.3.2, of ASTM E2600:

<table>
<thead>
<tr>
<th>Vapor Encroachment Regulatory Database Search Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>Databases</td>
</tr>
<tr>
<td>Petroleum Hydrocarbon Chemicals of Concern</td>
</tr>
<tr>
<td>ockets of Concern</td>
</tr>
<tr>
<td>Federal NPL (Superfund)</td>
</tr>
<tr>
<td>Federal CERCLA (Active)</td>
</tr>
<tr>
<td>Federal Resource Conservation and Recovery Act (RCRA) CORRACTS facilities</td>
</tr>
<tr>
<td>Federal RCRA Non-CORRACTS Treatment, Storage and Disposal facilities (TSD)</td>
</tr>
<tr>
<td>Federal RCRA Generators of Hazardous Wastes</td>
</tr>
<tr>
<td>Federal Institutional Control / Engineering Control Registries</td>
</tr>
<tr>
<td>Federal ERNS (Reported Spill Incidents)</td>
</tr>
</tbody>
</table>
No sites were identified during the regulatory database search that would pose a VEC to the subject property, based on the critical distance evaluation.

Based on resources reviewed, it is the opinion of Phase Engineering, Inc. there is no evidence of a VEC that included presence or likely presence of COC vapors in the subsurface of the target property caused by a release of vapors from contaminated soil or groundwater or both either on or near the target property (TP) as identified by the Tier 1 VES procedures. Additional Vapor Encroachment Screening procedures are not warranted at this time.

### 15.9 Noise Study

Phase Engineering, Inc. has conducted a noise survey for the subject property in accordance with the Noise Assessment Guidelines provided by the U.S. Department of Housing and Urban Development (HUD). Noise Assessment Locations (NALs) were selected on the property based on proximity to the noise sources and identified on the Noise Sources Map provided in the Appendix.

The noise sources within the prescribed distances include the following:

<table>
<thead>
<tr>
<th>Identified Noise Sources</th>
<th>Source Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>Major Road(s)</td>
<td>One major road was identified within 1,000 feet from the subject property: Preston Road/ TX-289.</td>
</tr>
<tr>
<td>Railroad(s)</td>
<td>One railroad was identified within 3,000 feet from the subject property: BNSF Railway railroad.</td>
</tr>
<tr>
<td>Airport(s)</td>
<td>One airport was identified within 15 miles from the subject property: Collin County Regional Airport. No other major civil or military airports were identified.</td>
</tr>
</tbody>
</table>

The combined projected Day/Night Noise Level (DNL) for each NAL was calculated based on the effective distance from each of the noise sources and provided in the below table. The 10-year projected DNL is provided based on a 4% annual growth in traffic counts. Although Collin County Regional Airport was
identified within 15 miles from the subject property, the airport's noise contours are beyond the subject property. Therefore, this airport was excluded from this assessment.

<table>
<thead>
<tr>
<th>Description of Noise Assessment Location (NAL)</th>
<th>Projected DNL (dB)</th>
</tr>
</thead>
<tbody>
<tr>
<td>NAL # 1 : 25 ft. inside of the west property boundary</td>
<td>Combined DNL = 57.3 dB</td>
</tr>
</tbody>
</table>

HUD allows for a 1-decibel grace in completing noise surveys due to inaccuracies of the calculations. All the calculated noise values fall below 65 dB, and are therefore considered “acceptable” based on the HUD guidelines. No additional action is recommended.

## 15.10 Explosive and Flammable Hazards

Under Section 2 of the Housing Act of 1949 (42 U.S.C. 1441) and the subsequent Housing and Community Development Acts of 1968, 1969, and 1974, the Department of Housing and Urban Development is mandated to assure the goal of a “decent home and a suitable (safe and healthy) living environment.” The Regulation, “Siting of HUD-Assisted Projects Near Hazardous Operations Handling Petroleum Products or Chemicals of an Explosive or Flammable Nature” (24 CFR Part 51 Subpart C) and the Guidebook represent another step by the Department toward the objective. Although the Regulation and Guidebook apply specifically to all HUD-assisted projects, the application of these standards can be used by anyone concerned with the safe siting of new residential development.

Per 24 CFR Part 51, a hazard is defined as any stationary container which stores, handles or processes hazardous substances of an explosive or fire prone nature. The term “hazard” does not include pipelines for the transmission of hazardous substances, if such pipelines are located underground or comply with applicable Federal, State and local safety standards. Also excepted are: (1) Containers with a capacity of 100 gallons or less when they contain common liquid industrial fuels, such as gasoline, fuel oil, kerosene and crude oil since they generally would pose no danger in terms of thermal radiation of blast overpressure to a project; and (2) facilities which are shielded from a proposed HUD-assisted project by the topography, because these topographic features effectively provide a mitigating measure already in place.

Based on the site visit observations, a natural gas transmission pipeline, operated by Atmos Energy, transverses the south west portion of the subject property. Natural gas is not a highly volatile liquid (HVL); therefore; the pipeline line does no represent a hazard to the subject property. See Site Sketch and Site Photos.

No other oil, gas or chemical pipelines, processing facilities, storage facilities or other potentially hazardous explosive activities on-site or in the general area of the site that could potentially adversely impact the subject property were noted on historical information reviewed, interviews or during the site visit. See Explosives and Flammables Maps.
16.0 Common Acronyms

AAI – All Appropriate Inquiry
ACBM – Asbestos Containing Building Material
AST – Aboveground Storage Tank
AUL – Activity and Usage Limitation
BF – Brownfield
BTEX – Benzene, Toluene, Ethyl benzene and Xylenes
CDC – Certified Development Corporation
CERCLA – Comprehensive Environmental Response, Compensation and Liability Act
CERCLIS – Comprehensive Environmental Response, Compensation and Liability Information System
CERCLIS NFRAP - Comprehensive Environmental Response, Compensation and Liability Information System with No Further Remedial Action Planned
CLI – Closed Landfill Inventory
CORRACTS – Corrective Action (RCRA)
CREC – Controlled recognized environmental condition
EC – Engineering Control
EPA – Environmental Protection Agency
ERNS – Emergency Response Notification System
FOIA – Freedom of Information Act
GWBZ – Groundwater Bearing Zone
HREC – Historical recognized environmental condition
IC – Institutional Control
IHW – Industrial Hazardous Waste
IOP – Innocent Owner / Operator Program
LPST – Leaking Petroleum Storage Tank
MUD – Municipal Utility District
MSD – Municipal Settings Designation
MSL – Mean Sea Level
MTBE – Methyl tert butyl ether
NAPL – Non-aqueous Phase Liquids
NPL – National Priority List
NRCS – Natural Resource Conservation Service
OSHA – Occupational Safety and Health Administration
PAH – Polycyclic Aromatic Hydrocarbons
PCB – Polychlorinated Biphenyls
PCE – Perchloroethene (Tetrachloroethene)
PPM – Parts Per Million
PSH – Phase Separated Hydrocarbons
PUD – Public Utility District
RCRA – Resource Conservation and Recovery Act
REC – Recognized environmental condition
SBA – Small Business Administration
SCL – State CERCLIS List
SPL – State Priority List
SVOC – Semi-Volatile Organic Compounds
SWLF – Solid Waste Landfill
TCEQ – Texas Commission on Environmental Quality
TDSHS – Texas Department of State Health Services
TNRCC – Texas Natural Resource Conservation Commission
TNRIS – Texas Natural Resource Information System
TPH – Total Petroleum Hydrocarbons
TSD – Treatment, Storage and Disposal (RCRA)
TWC - Texas Water Commission
TWDB - Texas Water Development Board
USACOE – United State Army Corps of Engineers
USDA – United States Department of Agriculture
UST – Underground Storage Tank
USGS – United States Geological Survey
VCP – Voluntary Cleanup Program
VEC – Vapor Encroachment Condition
VOC – Volatile Organic Compounds
WMU – Waste Management Unit
APPENDIX I

CURRENT & HISTORICAL DOCUMENTATION
SITE SKETCH

Location: Approximately 9.0 Acres SWC
East Sunset Boulevard and FM 89
Celina, TX 75009

Subject Property

Copyright ©2016 Phase Engineering, Inc.

PEI Project No: 201712040
2016 NAIP NC Imagery

Source: TNRIS

Copyright ©2016 Phase Engineering, Inc.

Property boundary and locations are representative only.
2015 TOP Orthoimagery
2012 NAIP NC Imagery
2004 NAIP Orthoimagery

Source: TNRIS

Copyright ©2016 Phase Engineering, Inc.
1995 Digital Orthophoto Mosaic

Source: USDA NRCS Geospatial Data Gateway

Copyright ©2016 Phase Engineering, Inc.

Property boundary and locations are representative only.
1969 Aerial Photograph
1952 Aerial Photograph
The Geologic Database of Texas was produced in cooperation with the US Geological Survey (USGS), and the Texas Water Development Board (TWDB) utilizing the 28 Geologic Atlas of Texas sheets (Texas Bureau of Economic Geology, Virgil Barnes, editor). These were compiled into separate geodatabases and then into a single Statewide Digital Geologic Atlas of Texas. This dataset is distributed through TNRIS.
Topographic Map

The U.S. Geological Survey (USGS) produced its first topographic map in 1879, the same year it was established. Today, more than 100 years and millions of map copies later, topographic mapping is still a central activity for the USGS. The topographic map remains an indispensable tool for government, science, industry, and leisure.

Topographic maps usually portray both natural and manmade features. They show and name works of nature including mountains, valleys, plains, lakes, rivers, and vegetation. They also identify the principal works of man, such as roads, boundaries, transmission lines, and major buildings. The colors represent the following: Contours - brown, Hydrography - blue, Public Land Survey System and other surveys - red, Updates - purple/magenta, Miscellaneous - black, and Vegetation - green.

USGS 7.5 Minute Topographic Series
Celina, 2016
Topographic Map

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USGS 1:24,000 Topographic Series
Celina, 2013
Topographic Map

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USGS 1:24,000 Topographic Series
Celina, 1973
Topographic Map

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USGS 1:24,000 Topographic Series
Celina, 1960
USDA NRCS Soil Survey Geographic (SSURGO) Database of Texas

The "Gridded Soil Survey Geographic (gSSURGO) Database State-tile Package" product is derived from the Soil Survey Geographic (2.2) Database dated November 16, 2015. The gSSURGO data were prepared by merging SSURGO digital vector map and tabular data into State-wide extents, and adding a State-wide gridded map layer derived from the vector, plus a new value added look up (valu) table that contains "ready to map attributes".

SSURGO is generally the most detailed level of soil geographic data developed by the National Cooperative Soil Survey (NCSS) in accordance with NCSS mapping standards. The SSURGO dataset was created for use in national, regional, and state-wide resource planning and analysis of soils data. The Soil Survey Geographic (SSURGO) Database epicts information about the kinds and distribution of soils on the landscape. The soil map and data used in the SSURGO product were prepared by soil scientists as part of the National Cooperative Soil Survey.
The Texas Water Development Board (TWDB) has identified and characterized 9 major and 21 minor aquifers in the state based on the quality of water supplied by each. A major aquifer is generally defined as supplying large quantities of water in small areas or relatively small quantities in large areas. The major and minor aquifers, as presently defined, underlie approximately 81 percent of the state. Lesser quantities of water may also be found in the remainder of the state.

**Texas Aquifer Zones - TWDB 2017 State Water Plan (adopted May 19, 2016)**
Texas Railroad Commission Digital Well Location and Pipeline Mapping

Oil and gas well data and pipeline datasets were generated by the Geographic Information System of the Railroad Commission of Texas from public records at the Railroad Commission of Texas (the Commission). The Commission makes no representation, guarantee or warranty as to the accuracy, completeness, currency, or suitability of these data sets, which are provided "AS IS."

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PEI Project No: 201712040
Texas Water Wells with MSD and Superfund Site Boundaries

- **TCEQ Public Water Supply Wells (PWS)**
The public water systems data was developed to support the TCEQ's Source Water Assessment and Protection Program (SWAP). The locations were obtained by the Water Supply Division as recorded from various sources. This layer was built using the best existing location data available but some errors still remain.

- **USGS National Water Inventory System (NWIS)**
The National Water Information System (NWIS) provides access to USGS water data at over 1.5 million sites. This extensive database for the nation includes the occurrence, quantity, quality, distribution, and movement of surface and underground waters.

- **TWDB Groundwater Database (GWDB)**
The Groundwater Database (GWDB) of the Texas Water Development Board (TWDB) contains information about more than 130,000 water well, spring, and oil/gas test sites in Texas including associated water level and water quality data. Because data collection methods and data maintenance have varied and evolved over the years, the information in the GWDB has a range of accuracy.

- **TWDB Brackish Groundwater (BRACS)**
The Brackish Resources Aquifer Characterization System (BRACS) Database was designed to store well and geology information in support of projects to characterize the brackish groundwater resources of Texas. Brackish groundwater contains dissolved minerals in the range of 1,000 to 9,999 milligrams per liter (mg/L).

- **TWDB Submitted Drillers Reports Database (SDRDB)**
The Submitted Driller's Report Database is populated from the online Texas Well Report Submission and Retrieval System which is a cooperative Texas Department of Licensing and Regulation (TDLR) and Texas Water Development Board (TWDB) application that registered water-well drillers use to submit their required reports. This system was started 2/5/2001 and began collecting all reports in 2003.

- **TCEQ MSD Boundary**
An MSD is an official state designation given to property within a municipality or its extraterritorial jurisdiction that certifies that designated groundwater at the property is not used as potable water, and is prohibited from future use as potable water because that groundwater is contaminated in excess of the applicable potable-water protective concentration level. The prohibition must be in the form of a city ordinance, or a restrictive covenant that is enforceable by the city and filed in the property records.

- **State and Federal Superfund Sites**
TCEQ Superfund Sites includes both State and Federal sites in the State of Texas that have been designated as Superfund cleanup sites. Federal Superfund sites have a Hazardous Ranking System score of 28.5 or above and are also on the NPL.
The purpose of this map is to assist National, State and local organizations to target their resources and to implement radon-resistant building codes. This map is not intended to determine if a home in a given zone should be tested for radon. Homes with elevated levels of radon have been found in all three zones.

Sections 307 and 309 of the Indoor Radon Abatement Act of 1988 (IRAA) directed the EPA to list and identify areas of the U.S. with the potential for elevated indoor radon levels. EPA’s Map of Radon Zones assigns each of the 3,141 counties in the U.S. to one of three zones based on radon potential using the five factors to determine radon potential: 1) indoor radon measurements; 2) geology; 3) aerial radioactivity; 4) soil permeability; and 5) foundation type. For more information, refer to Preliminary Geologic Radon Potential Assessment of Texas from USGS Geologic Radon Potential of EPA Region 6, Open-File Report 93-292-F.

**USEPA Map of Radon Zones in Texas**

- **High Potential**  
  Zones have a predicted average indoor radon screening level greater than 4 pCi/L (pico curies/liter).

- **Moderate Potential**  
  Zones have a predicted average indoor radon screening level between 2 and 4 pCi/L (pico curies/liter).

- **Low Potential**  
  Zones have a predicted average indoor radon screening level less than 2 pCi/L (pico curies/liter).
Noise Sources Map

Subject Property

1000 foot radius

3000 foot radius

Property location and boundary are representative only.
Noise Assessment Location (NAL) Map

Subject Property

NAL

Noise Source

Note: Property location and boundary are representative only.

Sources: ESRI

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PEI Project No: 201712040
### 201712040: Noise Calculation Data

####Projected 4% Annual Growth

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
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<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Preston Road/ TX-289</td>
<td>97%</td>
<td>12599</td>
<td>13103</td>
<td>13627</td>
<td>14172</td>
<td>14739</td>
<td>15329</td>
<td>15942</td>
<td>16579</td>
<td>17243</td>
<td>17932</td>
<td>18650</td>
</tr>
<tr>
<td>Total Cars</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>50 mph</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Truck Traffic¹ =</td>
<td>2%</td>
<td>302</td>
<td>314</td>
<td>327</td>
<td>340</td>
<td>354</td>
<td>368</td>
<td>383</td>
<td>398</td>
<td>414</td>
<td>430</td>
<td>447</td>
</tr>
<tr>
<td>Total Medium Trucks</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3% Total Heavy Trucks</td>
<td>1%</td>
<td>101</td>
<td>105</td>
<td>109</td>
<td>113</td>
<td>118</td>
<td>123</td>
<td>128</td>
<td>133</td>
<td>138</td>
<td>143</td>
<td>149</td>
</tr>
</tbody>
</table>

####Railroad

<table>
<thead>
<tr>
<th>Railroad</th>
<th>% Night Traffic</th>
<th>Typical Speed Over Crossing</th>
<th>Within 1/4 Mile of At-Grade Crossing?</th>
<th>Bolted Tracks?</th>
</tr>
</thead>
<tbody>
<tr>
<td>BNSF Railway</td>
<td>12</td>
<td>50%</td>
<td>40</td>
<td>No</td>
</tr>
</tbody>
</table>

####Airport

<table>
<thead>
<tr>
<th>Airport</th>
<th>Distance</th>
<th>Outside Noise Countours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Collin County Regional Airport</td>
<td>13.6 mi</td>
<td>Yes</td>
</tr>
</tbody>
</table>

### Noise Assessment Locations (NAL)

<table>
<thead>
<tr>
<th>Noise Sources</th>
<th>NAL #1 - 25' inside west property boundary</th>
<th>10-year DNL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Preston Road/ TX-289</td>
<td>Effective Distance (feet) 1040</td>
<td>52.6</td>
</tr>
<tr>
<td>BNSF Railway</td>
<td>3060</td>
<td>55.5</td>
</tr>
</tbody>
</table>

**NAL Combined DNL:** 57.3

---

**Criteria**

- **Acceptable:** 65 or less
- **Normally Not Acceptable:** 66-75
- **Not Acceptable:** 75 or greater

1. Percent of Truck Traffic is obtained from the TxDOT Statewide Planning Map
2. Breakdown of Truck Traffic is assumed, 75% Medium Trucks and 25% Heavy Trucks

*Note: When percentage of truck traffic is not available, the default is 15% Medium Trucks and 5% Heavy Trucks of the total ADT*
DNL Calculator

The Day/Night Noise Level Calculator is an electronic assessment tool that calculates the Day/Night Noise Level (DNL) from roadway and railway traffic. For more information on using the DNL calculator, view the Day/Night Noise Level Calculator Electronic Assessment Tool Overview (/programs/environmental-review/daynight-noise-level-electronic-assessment-tool/).

Note: HUD updated the Calculator December 12, 2017. If you used the Calculator prior to December 12, you may need to clear your cache to perform an accurate calculation. View instructions to clear your cache (https://support.google.com/accounts/answer/32050).

Guidelines

- To display the Road and/or Rail DNL calculator(s), click on the “Add Road Source” and/or “Add Rail Source” button(s) below.
- All Road and Rail input values must be positive non-decimal numbers.
- All Road and/or Rail DNL value(s) must be calculated separately before calculating the Site DNL.
- All checkboxes that apply must be checked for vehicles and trains in the tables’ headers.
- Note #1: Tooltips, containing field specific information, have been added in this tool and may be accessed by hovering over all the respective data fields (site identification, roadway and railway assessment, DNL calculation results, roadway and railway input variables) with the mouse.
- Note #2: DNL Calculator assumes roadway data is always entered.

### Road #1

<table>
<thead>
<tr>
<th>Site ID</th>
<th>201712040 - NAL # 1(25 ft. inside west boundary)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Record Date</td>
<td>12/22/2017</td>
</tr>
<tr>
<td>User's Name</td>
<td>Phase-JH</td>
</tr>
</tbody>
</table>

**Road # 1 Name:** Preston Road/ TX-289 (Middle of Road) - NAL # 1

<table>
<thead>
<tr>
<th>Vehicle Type</th>
<th>Cars</th>
<th>Medium Trucks</th>
<th>Heavy Trucks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Effective Distance</td>
<td>1040</td>
<td>1040</td>
<td>1040</td>
</tr>
<tr>
<td>Distance to Stop Sign</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Average Speed</td>
<td>50</td>
<td>50</td>
<td>50</td>
</tr>
<tr>
<td>Average Daily Trips (ADT)</td>
<td>18650</td>
<td>447</td>
<td>149</td>
</tr>
<tr>
<td>Night Fraction of ADT</td>
<td>15</td>
<td>15</td>
<td>15</td>
</tr>
<tr>
<td>Road Gradient (%)</td>
<td></td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>Vehicle DNL</td>
<td>50.3414</td>
<td>44.1377</td>
<td>46.7013</td>
</tr>
</tbody>
</table>

**Calculate Road #1 DNL** | 52.6209 | Reset |

**Railroad # 1 Track Identifier:** BNSF Railroad (Middle of Track Set) - NAL # 1

<table>
<thead>
<tr>
<th>Rail # 1</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Train Type</th>
<th>Electric</th>
<th>Diesel</th>
</tr>
</thead>
<tbody>
<tr>
<td>Effective Distance</td>
<td></td>
<td>3060</td>
</tr>
<tr>
<td>Average Train Speed</td>
<td></td>
<td>40</td>
</tr>
</tbody>
</table>
### Mitigation Options

If your site DNL is in Excess of 65 decibels, your options are:

- **No Action Alternative**: Cancel the project at this location
- **Other Reasonable Alternatives**: Choose an alternate site
- **Mitigation**
  - Contact your Field or Regional Environmental Officer ([/programs/environmental-review/hud-environmental-staff-contacts/](/programs/environmental-review/hud-environmental-staff-contacts/))
  - Increase mitigation in the building walls (only effective if no outdoor, noise sensitive areas)
  - Reconfigure the site plan to increase the distance between the noise source and noise-sensitive uses
  - Incorporate natural or man-made barriers. See *The Noise Guidebook* ([resource/313/hud-noise-guidebook/](resource/313/hud-noise-guidebook/))
  - Construct noise barrier. See the *Barrier Performance Module* ([/programs/environmental-review/bpm-calculator/](/programs/environmental-review/bpm-calculator/))

### Tools and Guidance


**Day/Night Noise Level Assessment Tool Flowcharts** ([resource/3823/day-night-noise-level-assessment-tool-flowcharts/](resource/3823/day-night-noise-level-assessment-tool-flowcharts/))
**U. S. DOT CROSSING INVENTORY FORM**

**DEPARTMENT OF TRANSPORTATION**

**FEDERAL RAILROAD ADMINISTRATION**  
OMB No. 2130-0017

Instructions for the initial reporting of the following types of new or previously unreported crossings: For public highway-rail grade crossings, complete the entire inventory Form. For private highway-rail grade crossings, complete the header, Parts I and II, and the Submission Information section. For public pathway grade crossings (including pedestrian station grade crossings), complete the header, Parts I and II, and the Submission Information section. For Private pathway grade crossings, complete the header, Parts I and II, and the Submission Information section. For grade-separated highway-rail or pathway crossings (including pedestrian station crossings), complete the header, Part I, and the Submission Information section. For changes to existing data, complete the header, Part I Items 1-3, and the Submission Information section, in addition to the updated data fields. Note: For private crossings only, Part I Item 20 and Part III Item 2.K. are required unless otherwise noted. An asterisk * denotes an optional field.

### Part I: Location and Classification Information

<table>
<thead>
<tr>
<th>A. Revision Date</th>
<th>B. Reporting Agency</th>
<th>C. Reason for Update</th>
<th>D. DOT Crossing Inventory Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>(MM/DD/YYYY)</td>
<td>☐ Railroad ☐ Transit</td>
<td>☐ Change in ☐ New ☐ Closed ☐ No Train ☐ Quiet Zone Update</td>
<td></td>
</tr>
<tr>
<td>03/04/2016</td>
<td>☐ State ☐ Other</td>
<td>☐ Data Crossing ☐ Re-Open ☐ Date ☐ Change in Primary Operating RR ☐ Admin. Correction</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>672112D</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>1. Primary Operating Railroad</th>
<th>2. State</th>
<th>3. County</th>
</tr>
</thead>
<tbody>
<tr>
<td>BNSF Railway Company [BNSF]</td>
<td>TEXAS</td>
<td>COLLIN</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>4. City / Municipality</th>
<th>5. Street/Road Name &amp; Block Number</th>
<th>6. Highway Type &amp; No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>☐ In</td>
<td>ASH ST *(Street/Road Name)</td>
<td>ST 0000</td>
</tr>
<tr>
<td>☐ Near CELINA</td>
<td>*(Block Number)</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>7. Do Other Railroads Operate a Separate Track at Crossing?</th>
<th>8. Do Other Railroads Operate Over Your Track at Crossing?</th>
</tr>
</thead>
<tbody>
<tr>
<td>☐ Yes ☐ No</td>
<td>☐ Yes ☐ No</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>9. Railroad Division or Region</th>
<th>10. Railroad Subdivision or District</th>
<th>11. Branch or Line Name</th>
<th>12. RR Milepost</th>
</tr>
</thead>
<tbody>
<tr>
<td>☐ None TEXAS</td>
<td>☐ None MADILL</td>
<td>☐ None MADILL-S IRVING</td>
<td>067/3.780</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
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<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1046</td>
<td>CELINA</td>
<td>☐ N/A</td>
<td>☐ N/A BNSF</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
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<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>☐ Public</td>
<td>☐ Highway</td>
<td>☐ At Grade</td>
<td>☐ Yes</td>
<td>☐ Freight</td>
<td>☐ Less Than One Per Day</td>
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<tr>
<td>☐ Private</td>
<td>☐ Railroad Ped.</td>
<td>☐ RR Under</td>
<td>☐ No</td>
<td>☐ InterCity Passenger</td>
<td>☐ Number Per Day 0</td>
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<tr>
<td></td>
<td>☐ Station, Ped.</td>
<td>☐ RR Over</td>
<td></td>
<td>☐ Commuter</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>☐ Shared Use Transit</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>☐ Tourist/Other</td>
<td></td>
</tr>
<tr>
<td></td>
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<td></td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>23. Type of Land Use</th>
<th>24. Is there an Adjacent Crossing with a Separate Number?</th>
<th>25. Quiet Zone (FRA provided)</th>
</tr>
</thead>
<tbody>
<tr>
<td>☐ Open Space</td>
<td>☐ Yes ☐ No If Yes, Provide Crossing Number</td>
<td>☐ Actual ☐ Estimated</td>
</tr>
<tr>
<td>☐ Farm</td>
<td></td>
<td></td>
</tr>
<tr>
<td>☐ Residential</td>
<td></td>
<td></td>
</tr>
<tr>
<td>☐ Commercial</td>
<td></td>
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</tr>
<tr>
<td>☐ Industrial</td>
<td></td>
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<tr>
<td>☐ Institutional</td>
<td></td>
<td></td>
</tr>
<tr>
<td>☐ Recreational</td>
<td></td>
<td></td>
</tr>
<tr>
<td>☐ RR Yard</td>
<td></td>
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<table>
<thead>
<tr>
<th></th>
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<tbody>
<tr>
<td>☐ N/A</td>
<td>33.3217196</td>
<td>96.7849938</td>
<td>☐ Actual ☐ Estimated</td>
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<table>
<thead>
<tr>
<th>30.A. Railroad Use</th>
<th>31.A. State Use</th>
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<tbody>
<tr>
<td>☐ Railroad Use</td>
<td>☐ State Use</td>
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</table>

<table>
<thead>
<tr>
<th>30.B. Railroad Use</th>
<th>31.B. State Use</th>
</tr>
</thead>
<tbody>
<tr>
<td>☐ Railroad Use</td>
<td>☐ State Use</td>
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</table>

<table>
<thead>
<tr>
<th>30.C. Railroad Use</th>
<th>31.C. State Use</th>
</tr>
</thead>
<tbody>
<tr>
<td>☐ Railroad Use</td>
<td>☐ State Use</td>
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</table>

<table>
<thead>
<tr>
<th>30.D. Railroad Use</th>
<th>31.D. State Use</th>
</tr>
</thead>
<tbody>
<tr>
<td>☐ Railroad Use</td>
<td>☐ State Use</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>32.A. Narrative (Railroad Use)</th>
</tr>
</thead>
<tbody>
<tr>
<td>☐ Railroad Use</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>32.B. Narrative (State Use)</th>
</tr>
</thead>
<tbody>
<tr>
<td>☐ State Use</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>33. Emergency Notification Telephone No. (posted)</th>
<th>34. Railroad Contact (Telephone No.)</th>
<th>35. State Contact (Telephone No.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>800-832-5452</td>
<td>817-352-1549</td>
<td>512-486-5052</td>
</tr>
</tbody>
</table>

### Part II: Railroad Information

<table>
<thead>
<tr>
<th>1. Estimated Number of Daily Train Movements</th>
<th>2. Year of Train Count Data (YYYY)</th>
<th>3. Speed of Train at Crossing</th>
</tr>
</thead>
<tbody>
<tr>
<td>☐ A. Total Day Thru Trains (6 AM to 6 PM) 6</td>
<td>2013</td>
<td>☐ A. Maximum Timetable Speed (mph) 40</td>
</tr>
<tr>
<td>☐ B. Total Night Thru Trains (6 PM to 6 AM) 6</td>
<td></td>
<td>☐ B. Typical Speed Range Over Crossing (mph) From 1 to 40</td>
</tr>
<tr>
<td>☐ C. Total Switching Trains 0</td>
<td></td>
<td></td>
</tr>
<tr>
<td>☐ D. Total Transit Trains 0</td>
<td></td>
<td></td>
</tr>
<tr>
<td>☐ E. Check if Less Than One Movement Per Day How many trains per week? ☐</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>4. Type and Count of Tracks</th>
<th>5. Train Detection (Main Track only)</th>
<th>6. Is Track Signaled?</th>
</tr>
</thead>
<tbody>
<tr>
<td>Main 1 Sidings 0 Yard 2 Transit 0 Industry 0</td>
<td>☐ Constant Warning Time ☐ Motion Detection ☐ AFO ☐ PTC ☐ DC ☐ Other ☐ None</td>
<td>☐ Yes ☐ No</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>☐ Yes ☐ No</td>
<td>☐ Yes ☐ No</td>
</tr>
</tbody>
</table>

---

**FORM FRA F 6180.71 (Rev. 3/15)**  
OMB approval expires 3/31/2018
### U. S. DOT CROSSING INVENTORY FORM

#### Part III: Highway or Pathway Traffic Control Device Information

<table>
<thead>
<tr>
<th>1. Are there Signs or Signals?</th>
<th>2. Types of Passive Traffic Control Devices associated with the Crossing</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yes</td>
<td>2.A. Crossbucks Assemblies (count) 0</td>
</tr>
<tr>
<td>No</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>2.B. STOP Signs (RI-1) (count)</th>
<th>2.C. YIELD Signs (RI-2) (count)</th>
<th>2.D. Advance Warning Signs (Check all that apply; include count)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>W10-1</td>
</tr>
<tr>
<td>No</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>2.E. Low Ground Clearance Sign (W10-S)</th>
<th>2.F. Pavement Markings</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yes (count)</td>
<td>Stop Lines</td>
</tr>
<tr>
<td>No</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>2.G. Channelization Devices/Medians</th>
<th>2.H. EXEMPT Sign (RI5-3)</th>
</tr>
</thead>
<tbody>
<tr>
<td>All Approaches</td>
<td>Yes</td>
</tr>
<tr>
<td>Median</td>
<td>No</td>
</tr>
<tr>
<td>One Approach</td>
<td>No</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>2.I. ENS Sign (I-13)</th>
<th>2.J. Other MUTCD Signs</th>
</tr>
</thead>
<tbody>
<tr>
<td>Displayed</td>
<td>Yes</td>
</tr>
<tr>
<td>No</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>2.K. Private Crossing Signs (If Private)</th>
<th>2.L. LED Enhanced Signs (List types)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yes</td>
<td></td>
</tr>
<tr>
<td>No</td>
<td></td>
</tr>
</tbody>
</table>

#### 3. Types of Train Activated Warning Devices at the Grade Crossing (specify count of each device for all that apply)

<table>
<thead>
<tr>
<th>3.A. Gate Arms (count)</th>
<th>3.B. Gate Configuration</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 Quad</td>
<td>2</td>
</tr>
<tr>
<td>3 Quad</td>
<td>3</td>
</tr>
<tr>
<td>4 Quad</td>
<td>4</td>
</tr>
<tr>
<td>Median Gates</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>3.C. Cantilevered (or Bridged) Flashing Light Structures (count)</th>
<th>3.D. Mast Mounted Flashing Lights (count of masts) 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Over Traffic Lane</td>
<td>LED</td>
</tr>
<tr>
<td>Not Over Traffic Lane</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>3.E. Total Count of Flashing Light Pairs</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>3.F. Installation Date of Current Active Warning Devices: (MM/YYYY)</th>
<th>3.G. Wayside Horn</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yes</td>
<td>Installed on (MM/YYYY)</td>
</tr>
<tr>
<td>No</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>3.H. Highway Traffic Signals Controlling Crossing</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yes</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>3.I. Bells (count)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>3.J. Non-Train Active Warning</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flagging/Flagman</td>
</tr>
<tr>
<td>None</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Yes</td>
<td>Not Interconnected</td>
</tr>
<tr>
<td>No</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>4.C. Hwy Traffic Signal Preemption</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yes</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>4.D. Advance Warning Signs (Check all that apply)</th>
</tr>
</thead>
<tbody>
<tr>
<td>LED</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>5. Highway Traffic Pre-Signs</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yes</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>6. Highway Monitoring Devices (Check all that apply)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yes - Photo/Video Recording</td>
</tr>
<tr>
<td>No</td>
</tr>
</tbody>
</table>

#### Part IV: Physical Characteristics

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>No</td>
<td>Yes</td>
<td>No</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>4. Is Crossing Illuminated? (Street lights within approx. 50 feet from nearest rail)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yes</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>5. Crossing Surface (on Main Track, multiple types allowed)</th>
<th>Installation Date (MM/YYYY)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 Timber</td>
<td>1</td>
</tr>
<tr>
<td>2 Asphalt</td>
<td>2</td>
</tr>
<tr>
<td>3 Asphalt and Timber</td>
<td>3</td>
</tr>
<tr>
<td>4 Concrete</td>
<td>4</td>
</tr>
<tr>
<td>5 Concrete and Rubber</td>
<td>5</td>
</tr>
<tr>
<td>6 Rubber</td>
<td>6</td>
</tr>
<tr>
<td>7 Metal</td>
<td>7</td>
</tr>
<tr>
<td>8 Unconsolidated</td>
<td>8</td>
</tr>
<tr>
<td>9 Composite</td>
<td>9</td>
</tr>
<tr>
<td>10 Other (specify)</td>
<td>10</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>6. Intersection Roadway within 500 feet?</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yes</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>7. Smallest Crossing Angle</th>
</tr>
</thead>
<tbody>
<tr>
<td>0” – 29”</td>
</tr>
<tr>
<td>Yes</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>8. Is Commercial Power Available?</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yes</td>
</tr>
</tbody>
</table>

#### Part V: Public Highway Information

<table>
<thead>
<tr>
<th>1. Highway System</th>
</tr>
</thead>
<tbody>
<tr>
<td>(01) Interstate Highway System</td>
</tr>
<tr>
<td>(02) Other Nat Hwy System (NHS)</td>
</tr>
<tr>
<td>(03) Federal Aid, Not NHS</td>
</tr>
<tr>
<td>(08) Non-Federal Aid</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>2. Functional Classification of Road at Crossing</th>
</tr>
</thead>
<tbody>
<tr>
<td>(0) Rural</td>
</tr>
<tr>
<td>(2) Other Freeways and Expressways</td>
</tr>
<tr>
<td>(3) Other Principal Arterial</td>
</tr>
<tr>
<td>(4) Minor Arterial</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>3. Is Crossing on State Highway System?</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yes</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>4. Highway Speed Limit System</th>
</tr>
</thead>
<tbody>
<tr>
<td>30 MPH</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>5. Linear Referencing System (LRS Route ID)</th>
</tr>
</thead>
<tbody>
<tr>
<td>*</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>6. LRS Milepost *</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>7. Annual Average Daily Traffic (AADT) Year 1999</th>
<th>8. Estimated Percent Trucks %</th>
</tr>
</thead>
<tbody>
<tr>
<td>03</td>
<td>03</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>9. Regularly Used by School Buses?</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yes</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>10. Emergency Services Route</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yes</td>
</tr>
</tbody>
</table>

#### Submission Information - This information is used for administrative purposes and is not available on the public website.

Submitted by ___________________________ Organization ___________________________ Phone ______ Date ______

Public reporting burden for this information collection is estimated to average 30 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed and completing and reviewing the collection of information. According to the Paperwork Reduction Act of 1995, a federal agency may not conduct or sponsor, and a person is not required to, nor shall a person be subject to a penalty for failure to comply with, a collection of information unless it displays a currently valid OMB control number. The valid OMB control number for information collection is 2130-0017. Send comments regarding this burden estimate or any other aspect of this collection, including for reducing this burden to: Information Collection Officer, Federal Railroad Administration, 1200 New Jersey Ave. SE, MS-25 Washington, DC 20590.
Texas Historical Commission
National Register of Historic Places

Properties in Texas located on the National Register of Historic Places maintained by the National Park Service.

Historic Places - Point

Historic Places - Properties

Subject Property
One-Quarter Mile Area of Interest

Sources: Texas Historical Commission, ESRI

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Texas Historical Commission
Cemeteries, County Courthouses, Museums, Historic Sites, and Historic Markers

Data showing locations of official Texas Historical Markers, historic highways as determined by surveys, and cemeteries that have received the Historic Texas Cemetery designation or have been located during surveys by the THC staff.

Museums
County_Courthouse
HistoricHighwaysRoutes
StateHistoricSites
Cemeteries

Subject Property
One-Quarter Mile Area of Interest

Sources: Texas Historical Commission, ESRI

Copyright ©2016 Phase Engineering, Inc.

PEI Project No: 201712040
Texas Historical Commission
Archaeological Projects

Areas surveys to locate archaeological sites. Includes project areas, transmission lines and pipelines. Includes projects mapped since 2001.

- Archeological Projects - Linear
- Archeological Projects - Polygon

Subjects Property

One-Quarter Mile Area of Interest

Texas Historical Commission
Neighborhood Surveys

Point data showing locations of resources located by any of several resources surveys. Most of the locations for older surveys were determined by address geocoding. The locations for some of the more recent surveys were determined by GPS.

- Neighborhood Survey

Subject Property

One-Quarter Mile Area of Interest
U.S. FWS Threatened & Endangered Species Active Critical Habitats

Critical habitat is a term defined and used in the Act. It is a specific geographic area(s) that is essential for the conservation of a threatened or endangered species and that may require special management and protection. Critical habitat may include an area that is not currently occupied by the species but that will be needed for its recovery. An area is designated as "critical habitat".

An area designated as critical habitat is not a refuge or sanctuary for the species. Listed species and their habitat are protected by the Act whether or not they are in an area designated as critical habitat.

---

Critical Habitat - Final - Linear Features
Critical Habitat - Final - Polygonal Features
Critical Habitat - Proposed - Linear Features
Critical Habitat - Proposed - Polygonal Features
All drinking water may contain contaminants. When drinking water meets federal standards there may not be any health based benefits to purchasing bottled water or point of use devices. Drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the EPA’s Safe Drinking Water Hotline: (1-800-426-4791).

Secondary Constituents

Many constituents (such as calcium, sodium, or iron) which are often found in drinking water, can cause taste, color, and odor problems. The taste and odor constituents are called secondary constituents and are regulated by the State of Texas, not the EPA. These constituents are not causes for health concern. Therefore, secondary are not required to be reported in this document but they may greatly affect the appearance and taste of your water.

Where do we get our drinking water?

Our drinking water is obtained from SURFACE AND GROUND water sources. It comes from Lake Chapman (UTRWD) Upper Trinity Regional Water District (Wholesale Surface Water Provider), Trinity, Woodbine, and Paluxy Aquifers. The TCEQ completed an assessment of our source water and results indicate that some of our sources are susceptible to certain contaminants. The sampling requirements for our water system are based on this susceptibility and previous sample data. Any detections of these contaminants may be found in this Consumer Confidence Report. This assessment will allow us to focus our source water protection strategies. The source water information is available on Texas Drinking Water Watch at http://dw2.tceq.texas.gov/DW/For more information on source water assessments and protection efforts of our system, please visit http://www.tceq.texas.gov/gis/swa/view, or contact Andrew Moore @ 214-585-7142

All measures have been taken to resolve these violations however, they must remain on the CCR for five years.

Violations Table

<table>
<thead>
<tr>
<th>Violation Type</th>
<th>Violation Began</th>
<th>Violation End</th>
<th>Violation Explanation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chlorine Level QROR</td>
<td>01/01/2016</td>
<td>03/31/2016</td>
<td>We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.</td>
</tr>
</tbody>
</table>

Lead and Copper Rule

The Lead and Copper Rule protects public health by minimizing lead and copper levels in drinking water, primarily by reducing water corrosively. Lead and copper enter drinking water mainly from corrosion of lead and copper containing plumbing materials.

<table>
<thead>
<tr>
<th>Violation Type</th>
<th>Violation Began</th>
<th>Violation End</th>
<th>Violation Explanation</th>
</tr>
</thead>
<tbody>
<tr>
<td>LEAD CONSUMER NOTICE (LCR)</td>
<td>12/30/2014</td>
<td>04/11/2017</td>
<td>We failed to provide the results of lead tap water monitoring to the consumers at the location water was tested. These were supposed to be provided no later than 30 days after learning the results.</td>
</tr>
</tbody>
</table>

Public Notification Rule

The Public Notification Rule helps to ensure that consumers will always know if there is a problem with their drinking water. These notices immediately alert consumers if there is a serious problem with their drinking water (e.g., a boil water emergency).

<table>
<thead>
<tr>
<th>Violation Type</th>
<th>Violation Began</th>
<th>Violation End</th>
<th>Violation Explanation</th>
</tr>
</thead>
<tbody>
<tr>
<td>PUBLIC NOTICE RULE LINKED TO VIOLATION</td>
<td>10/27/2014</td>
<td>2016</td>
<td>We failed to adequately notify you, our drinking water consumers, about a violation of the drinking water regulations.</td>
</tr>
<tr>
<td>PUBLIC NOTICE RULE LINKED TO VIOLATION</td>
<td>09/25/2015</td>
<td>09/30/2016</td>
<td>We failed to adequately notify you, our drinking water consumers, about a violation of the drinking water regulations.</td>
</tr>
<tr>
<td>PUBLIC NOTICE RULE LINKED TO VIOLATION</td>
<td>07/05/2016</td>
<td>2016</td>
<td>We failed to adequately notify you, our drinking water consumers, about a violation of the drinking water regulations.</td>
</tr>
<tr>
<td>PUBLIC NOTICE RULE LINKED TO VIOLATION</td>
<td>07/11/2016</td>
<td>09/30/2016</td>
<td>We failed to adequately notify you, our drinking water consumers, about a violation of the drinking water regulations.</td>
</tr>
</tbody>
</table>

Coliform Bacteria

Maximum Contaminant Level Goal | Total Coliform Maximum Contaminant Level | Highest No. of Positive | Fecal Coliform or E. Coli Maximum Contaminant Level | Total No. of Positive E. Coli or Fecal Coliform Samples | Violation | Likely Source of Contamination |
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>0 MAE</td>
<td>0</td>
<td>1 positive monthly sample.</td>
<td>2</td>
<td>O</td>
<td>N</td>
<td>Naturally present in the</td>
</tr>
</tbody>
</table>
## Definitions

**Maximum Contaminant Level (MCL)**
The highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology.

**Maximum Contaminant Level Goal (MCLG)**
The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.

**Maximum Residual Disinfectant Level Goal (MRDLG)**
The level of a drinking water disinfectant below which there is no known or expected risk to health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contamination.

## Inorganic Contaminants

<table>
<thead>
<tr>
<th>Collection Date</th>
<th>Year</th>
<th>Contaminant</th>
<th>Highest Level Detected</th>
<th>Range of Levels Detected</th>
<th>MCLG</th>
<th>MCL</th>
<th>Violation</th>
<th>Units</th>
<th>Likely Source of Contamination</th>
</tr>
</thead>
<tbody>
<tr>
<td>2010</td>
<td></td>
<td>Arsenic (ppb)</td>
<td>0.462</td>
<td>0.456 - 0.462</td>
<td>0</td>
<td>10</td>
<td>N</td>
<td>ppb</td>
<td>Erosion of natural deposits; runoff from orchards; runoff from glass and electronics production wastes.</td>
</tr>
<tr>
<td>2016</td>
<td></td>
<td>Barium (ppm)</td>
<td>0.024</td>
<td>0.013 - 0.024</td>
<td>2</td>
<td>2</td>
<td>N</td>
<td>ppm</td>
<td>Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits.</td>
</tr>
<tr>
<td>2016</td>
<td></td>
<td>Chromium (ppb)</td>
<td>2.8</td>
<td>0.77 - 2.8</td>
<td>100</td>
<td>100</td>
<td>N</td>
<td>ppb</td>
<td>Discharge from steel and pulp mills; erosion of natural deposits.</td>
</tr>
<tr>
<td>2014</td>
<td></td>
<td>Fluoride (ppm)</td>
<td>0.898</td>
<td>0.898 - 0.898</td>
<td>4</td>
<td>4</td>
<td>N</td>
<td>ppm</td>
<td>Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories.</td>
</tr>
<tr>
<td>2016</td>
<td></td>
<td>Nitrate (ppm) [Measured as Nitrogen]</td>
<td>0.406</td>
<td>0.0135 - 0.406</td>
<td>10</td>
<td>10</td>
<td>N</td>
<td>ppm</td>
<td>Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits.</td>
</tr>
</tbody>
</table>

## Radioactive Contaminants

<table>
<thead>
<tr>
<th>Collection Date</th>
<th>Year</th>
<th>Contaminant</th>
<th>Highest Level Detected</th>
<th>Range of Levels Detected</th>
<th>MCLG</th>
<th>MCL</th>
<th>Violation</th>
<th>Units</th>
<th>Likely Source of Contamination</th>
</tr>
</thead>
<tbody>
<tr>
<td>2016</td>
<td></td>
<td>Combined Radium 226/228</td>
<td>1.5</td>
<td>1.5-1.5</td>
<td>5</td>
<td>5</td>
<td>pCi/L</td>
<td>N</td>
<td>Erosion of natural deposits.</td>
</tr>
</tbody>
</table>

## Lead and Copper

**Action Level Goal (ALG):** The level of a contaminant in drinking water below which there is no known or expected risk to health. ALGs allow for a margin of safety.

**Action Level:** The concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.

<table>
<thead>
<tr>
<th>Lead and Copper</th>
<th>Date Sampled</th>
<th>MCLG</th>
<th>Action Level (AL)</th>
<th>90th Percentile</th>
<th># Sites Over AL</th>
<th>Units</th>
<th>Violation</th>
<th>Likely Source of Contamination</th>
</tr>
</thead>
<tbody>
<tr>
<td>Copper</td>
<td>08/12/2014</td>
<td>1.3</td>
<td>1.3</td>
<td>0.15</td>
<td>0</td>
<td>ppm</td>
<td>N</td>
<td>Erosion of natural deposits; Leaching from wood preservatives; Corrosion of household plumbing systems.</td>
</tr>
<tr>
<td>Lead</td>
<td>08/12/2014</td>
<td>0</td>
<td>2.4</td>
<td>15</td>
<td>0</td>
<td>ppm</td>
<td>N</td>
<td>Corrosion of household plumbing systems; Erosion of natural deposits.</td>
</tr>
</tbody>
</table>

## Abbreviations

- **ppb:** parts per billion, or micrograms per liter (μg/L)
- **ppm:** parts per million, or milligrams per liter (mg/L)
- **ppq:** parts per quadrillion, or picograms per liter
- **NTU:** Nephelometric Turbidity Units
- **MFL:** million fibers per liter (a measure of asbestos)
- **μCi/L:** picocuries per liter (a measure of radioactivity)

---

**Our Drinking Water is Regulated**

This report is a summary of the quality of the water we provide our customers. The analysis was made by using the data from the most recent U.S. Environmental Protection Agency (EPA) required tests and is presented in this report. We hope this information helps you become more knowledgeable about what’s in your drinking water.

**WATER SOURCES:** The sources of drinking water (both tap water and bottled water) include rivers, lakes, streams, ponds, reservoirs, springs, and wells. As water travels over the surface of the land or through the ground, it dissolves naturally-occurring minerals, and in some cases, radioactive material, and can pick up substances resulting from the presence of animals or from human activity. Contaminants that may be present in source water before treatment include:

- **Microbial contaminants**, such as viruses and bacteria, which may come from sewage treatment plants, septic systems, agricultural livestock operations, and wildlife.
- **Inorganic contaminants**, such as salts and metals, which can be naturally-occurring or result from urban stormwater runoff, industrial or domestic wastewater discharges, oil and gas production, mining, or farming.
- **Pesticides and herbicides**, which may come from a variety of sources such as agriculture, urban storm water runoff, and residential uses.

**Radioactive contaminants**, which can be naturally-occurring or be the result of oil and gas production and mining activities.

**En Español**

Este informe incluye información importante sobre el agua potable. Si tiene preguntas o comentarios sobre éste informe en español, favor de llamar (214) 585-7142 , para hablar con una persona bilingüe en español.
## WATER FROM UPPER TRINITY REGIONAL WATER DISTRICT
### CONSTITUENTS DETECTED FOR 2018

<table>
<thead>
<tr>
<th>Date</th>
<th>Substance</th>
<th>Maximum Amount in UTIWAC Water (ppm)</th>
<th>Range in UTIWAC Water</th>
<th>MCL</th>
<th>MCLG</th>
<th>Possible Source</th>
</tr>
</thead>
<tbody>
<tr>
<td>6/15/2018</td>
<td>Barium</td>
<td>0.039</td>
<td>0.037 - 0.039</td>
<td>2 ppm</td>
<td>2 ppm</td>
<td>Discharge of drilling waters, discharge from metal fabric, erosion of natural deposits</td>
</tr>
<tr>
<td>10/25/2018</td>
<td>Bromate</td>
<td>0.77</td>
<td>1.22 - 0.77</td>
<td>10 ppb</td>
<td>C</td>
<td>Byproduct of drinking water disinfection</td>
</tr>
<tr>
<td>12/20/2018</td>
<td>Chloramines</td>
<td>3.5</td>
<td>3.2 - 3.6</td>
<td>4 ppb</td>
<td>4 ppb</td>
<td>Water additive used to control Monica</td>
</tr>
<tr>
<td>6/21/2018</td>
<td>Cyanide</td>
<td>0.196</td>
<td>ND - 0.192</td>
<td>0.2 ppm</td>
<td>0.2 ppm</td>
<td>Discharge from steel mills, discharge from plastic and polystyrene factories</td>
</tr>
<tr>
<td>9/20/2018</td>
<td>Fluoride</td>
<td>0.102</td>
<td>ND - 0.102</td>
<td>4 ppm</td>
<td>4 ppm</td>
<td>Water additive, erosion of natural deposits, discharge from fertilizer and aluminum factories</td>
</tr>
<tr>
<td>11/20/2018</td>
<td>Nitrate</td>
<td>0.871</td>
<td>0.674 - 0.671</td>
<td>10 ppm</td>
<td>10 ppm</td>
<td>Septic system, wastewater plant effluent, animal waste runoff</td>
</tr>
<tr>
<td>5/23/2018</td>
<td>TOC</td>
<td>6.23</td>
<td>2.5 - 5.23</td>
<td>TT</td>
<td>NA</td>
<td>Naturally present in the environment</td>
</tr>
<tr>
<td>7/28/2018</td>
<td>Turbidity</td>
<td>0.26</td>
<td>0.05 - 0.20</td>
<td>TT</td>
<td>NA</td>
<td>Soil runoff</td>
</tr>
</tbody>
</table>

|            |            |                |                      | 0.1 mg/L | 0.01 mg/L | |

### Regulated in the Distribution System
<table>
<thead>
<tr>
<th>Date</th>
<th>Total THM’s (ppb)</th>
<th>0.01 - 30</th>
<th>11.2 - 30</th>
<th>30 ppb</th>
<th>N/A</th>
<th>Disinfection by product</th>
</tr>
</thead>
<tbody>
<tr>
<td>8/15/2018</td>
<td>Total HA’s (ppb)</td>
<td>30</td>
<td>7.1 - 20</td>
<td>20 ppb</td>
<td>N/A</td>
<td>Disinfection by product</td>
</tr>
</tbody>
</table>

### Radioactive Contaminants
<table>
<thead>
<tr>
<th>Date</th>
<th>Americium (pCi/L)</th>
<th>0.0 - 3</th>
<th>3.1 ppb</th>
<th>3 ppb</th>
<th>Herbicide runoff</th>
</tr>
</thead>
<tbody>
<tr>
<td>12/20/2018</td>
<td>Strontium (pCi/L)</td>
<td>0.08</td>
<td>0.05 - 0.08</td>
<td>4 ppb</td>
<td>4 ppb</td>
</tr>
</tbody>
</table>

### Synthetic Organic Chemicals Including Pesticides and Herbicides
You may be more vulnerable to the general population to certain microbial contaminants, such as Cryptosporidium in drinking water. Infants, some elderly, or immuno-compromised persons such as those undergoing chemotherapy for cancer. Those who have undergone organ transplants, those who are undergoing treatment, and those with impaired immune systems. It is important to consult with your physician or health care provider. Additionally, guidelines on appropriate means to lessen the risk of infection by Cryptosporidium are available from the Safe Drinking Water Network at (503) 439-4741. Upper Trinity continues to analyze our source water for the presence of Cryptosporidium. Cryptosporidium has never been detected in any of the samples tested for Upper Trinity water.

### Definitions
- **Maximum Contaminant Level Goal (MCLG)**: The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLG's do not reflect the benefits of treatment of water and are intended to protect against any potential health risk.
- **Maximum Contaminant Level (MCL)**: The level of a contaminant in drinking water, above which water utility operators must take steps to reduce the level of the contaminant to avoid the level of risk.
- **Primary Treatment Technique**: A treatment process intended to reduce the level of a contaminant in drinking water. A treatment technique is a physical, biological, or chemical process that reduces or removes a contaminant in drinking water.
- **Secondary Treatment Technique**: A treatment process intended to reduce the level of a contaminant in drinking water. Secondary techniques are intended to remove contaminants that do not present a direct threat to human health.

### ENVIRONMENTAL REGULATIONS
This report contains the most recent data available in accordance with regulations.

**Este reporte incluye información importante sobre el agua para tomar. Para asistencia en español, favor de llamar al teléfono (972) 219-1229**

For opportunities to participate in decisions that may affect water quality, brush meetings are held on the first Thursday of the month, starting at 7pm. Additional information can be found at www.utrwa.com or by calling (972) 219-1229.
EPA Preliminary Geologic Radon Potential Assessment of Texas

Sections 307 and 309 of the Indoor Radon Abatement Act of 1988 (IRAA) directed the EPA to list and identify areas of the U.S. with the potential for elevated indoor radon levels. EPA's Map of Radon Zones assigns each of the 3,141 counties in the U.S. to one of three zones based on radon potential using the five factors to determine radon potential: 1) indoor radon measurements; 2) geology; 3) aerial radioactivity; 4) soil permeability; and 5) foundation type. For more information, refer to Preliminary Geologic Radon Potential Assessment of Texas from USGS Geologic Radon Potential of EPA Region 6, Open-File Report 93-292-F, 1993, edited by R. Randall Schumann, 160 p.

Radon Zones for Texas

<table>
<thead>
<tr>
<th>Potential</th>
<th>Zone</th>
</tr>
</thead>
<tbody>
<tr>
<td>High</td>
<td>1</td>
</tr>
<tr>
<td>Moderate</td>
<td>2</td>
</tr>
<tr>
<td>Low</td>
<td>3</td>
</tr>
</tbody>
</table>

Counts have a predicted average indoor radon screening level greater than 4 pCi/L (pico curies/liter).
Counts have a predicted average indoor radon screening level between 2 and 4 pCi/L (pico curies/liter).
Counts have a predicted average indoor radon screening level less than 2 pCi/L (pico curies/liter).
The U.S. Fish and Wildlife Service is the principal Federal agency that provides information to the public on the extent and status of the Nation's wetlands. These data delineate the areal extent of wetlands and surface waters as defined by Cowardin et al. (1979). Certain wetland habitats are excluded from the National mapping program because of the limitations of aerial imagery as the primary data source used to detect wetlands. These habitats include seagrasses or submerged aquatic vegetation, some deepwater reef communities (coral or tuberficid worm reefs), and certain types of "farmed wetlands". Riparian areas are lands that occur along watercourses and water bodies. Typical examples include flood plains and streambanks. They are distinctly different from surrounding lands because of unique soil and vegetation characteristics that are strongly influenced by the presence of water.
WETLANDS AND DEEPWATER HABITATS CLASSIFICATION

System

1 - Subtidal

2 - Intertidal

Class

RB – Rock Bottom
UB – Unconsolidated Bottom
AB – Aquatic Bed
RF – Reef
AB – Aquatic Bed
RF – Reef
RS – Rocky Shore
US – Unconsolidated Shore

Subclass

1 Bedrock
2 Rubble
1 Algal
3 Rooted Vascular
1 Coral
3 Rooted Vascular
1 Coral
2 Rubble
1 Cobble-Gravel
2 Sand
3 Mud
4 Organic

R - Riverine

System

1 - Tidal

2 – Lower Perennial

3 – Upper Perennial

4* - Intermittent

5* – Unknown Perennial

Class

RB** – Rock Bottom
UB – Unconsolidated Bottom
SB** – Streambed
AB – Aquatic Bed
RS – Rocky Shore
US – Unconsolidated Shore
EM – Emergent
SS – Scrub-Shrub
FO – Forested

Subclass

1 Bedrock
2 Rubble
1 Cobble-Gravel
2 Sand
3 Mud
4 Organic
1 Algal
3 Rooted Vascular
4 Floating Vascular
2 Mollusk
3 Worn
2 Mollusk
3 Worn
1 Bedrock
2 Rubble
1 Cobble-Gravel
2 Sand
3 Mud
4 Organic

System

E - Estuarine

Subsystem

1 - Subtidal

2 - Intertidal

Class

RB – Rock Bottom
UB – Unconsolidated Bottom
AB – Aquatic Bed
RF – Reef
AB – Aquatic Bed
RF – Reef
RS – Rocky Shore
US – Unconsolidated Shore

Subclass

1 Bedrock
2 Rubble
1 Algal
3 Rooted Vascular
1 Coral
3 Rooted Vascular
1 Coral
2 Rubble
1 Cobble-Gravel
2 Sand
3 Mud
4 Organic
1 - Tidal

2 – Lower Perennial

3 – Upper Perennial

4* - Intermittent

5* – Unknown Perennial

Classification of Wetlands and Deepwater Habitats of the United States, Cowardin et al. 1979
In order to more adequately describe the wetland and deepwater habitats, one or more of the water regime, water chemistry, soil, or special modifiers may be applied at the class or lower level in the hierarchy. The farmed modifier may also be applied to the ecological system.
Explosive and Flammable Facilities
Acceptable Separate Distance (ASD) from Explosive and Flammable Operations
APPENDIX II

PHOTO GALLERY
1. View West of South Property Boundary

2. Pole Mounted Transformer
3. View South of Western Section of Subject Property

4. View South along Western Fence
5. View West of Adjacent Properties

6. View Northwest of Brookshire's
7. Gas Pipeline Marker

8. Pad Mounted Transformer
9. 1050 S Preston RD

10. 1060 S Preston Rd
11. 675 E Sunset Blvd

12. Single-family residence Located on Subject Property
13. Tenant Sign for West Adjacent Property

14. Brookshire's Convenience Store and Gasoline Station
15. Single-family Residence Located on Subject Property

16. Single-family Residence Located on Subject Property
17. Single-family Residence Located on Subject Property

18. View South along Single-family Residence Located on Subject Property
19. Barbecue Pit

20. View Southwest of Subject Property
21. View of South Portion of Subject Property

22. Single-family Residence Located on Subject Property
23. View Northwest of Subject Property

24. View West along Fence from Residence
25. View Southeast of South Boundary

26. View East of Subject Property Structure
27. View West of Western Portion of Subject Property and Adjacent Property

28. View North along West Property Boundary
31. Brush Pile

32. View North Along CR 89
33. View North of Central Portion of Subject Property

34. View West of Adjacent Property
35. View North of Adjacent Property

36. AT&T Junction Boxes
37. View Northeast along East Sunset Blvd

38. View Southeast of Subject Property
39. View South along West Property Boundary

40. Standing Water near Northwest Corner of Subject Property
41. View of West Adjacent Property and Fire Hydrant

42. View West along South Property Boundary
43. View North along Fence on Subject Property

44. View North along West Property Boundary
45. Retaining Wall

46. View of South Adjacent Property
47. View West of Retaining Wall and South Property Boundary

48. Retaining Wall
49. Standing Water near Western Boundary

50. Standing Water near Western Boundary
51. View West along Property Boundary

52. View East of Adjacent Undeveloped Land and Fill Dirt
53. View Northeast of Subject Property
APPENDIX III

OWNERSHIP & PUBLIC DOCUMENTATION
Property Search

Property ID: 2611775 - Tax Year: 2018

General Information

<table>
<thead>
<tr>
<th>Property ID</th>
<th>2611775</th>
</tr>
</thead>
<tbody>
<tr>
<td>Property Status</td>
<td>Active</td>
</tr>
<tr>
<td>Geographic ID</td>
<td>R-6167-001-0840-1</td>
</tr>
<tr>
<td>Property Type</td>
<td>Real</td>
</tr>
<tr>
<td>Property Address</td>
<td>State Hwy #289</td>
</tr>
<tr>
<td></td>
<td>Celina, TX  75009</td>
</tr>
<tr>
<td>Total Land Area</td>
<td>17.5713 acres</td>
</tr>
<tr>
<td>Total Improvement Main Area</td>
<td>n/a</td>
</tr>
<tr>
<td>Abstract/Subdivision</td>
<td>Collin County School Land #14 Survey</td>
</tr>
<tr>
<td>Primary State Code</td>
<td>D1 (Qualified Open-space Ag Land)</td>
</tr>
<tr>
<td>Legal Description</td>
<td>Abs A0167 Collin County School Land #14 Survey, Sheet 1, Tract 84, 17.5713 Acres</td>
</tr>
<tr>
<td>Tax Agent</td>
<td>Kurz Group</td>
</tr>
</tbody>
</table>

Owner Information

| Owner ID          | 808132               |
| Owner Name(s)     | Neu Irrevocable 2006 Trust |
| Exemptions        | None                 |
| Percent Ownership | 100.00%              |
| Mailing Address   | 25 Highland Park Vlg Ste 100 |
|                   | Dallas, TX 75205-2726 |

2018 Value Information

Value information for Property ID 2611775 in the 2018 tax year is unavailable. Value information for prior years may be available in the Value History section below.

Entities

<table>
<thead>
<tr>
<th>Taxing Entity</th>
<th>Tax Rate</th>
<th>Collected By</th>
</tr>
</thead>
<tbody>
<tr>
<td>CCL (Celina City)</td>
<td>0.645000 (2017 Rate)</td>
<td>Collin County Tax Office</td>
</tr>
<tr>
<td>GCN (Collin County)</td>
<td>0.192246 (2017 Rate)</td>
<td>Collin County Tax Office</td>
</tr>
<tr>
<td>JCN (Collin College)</td>
<td>0.079810 (2017 Rate)</td>
<td>Collin County Tax Office</td>
</tr>
<tr>
<td>SCL (Celina ISD)</td>
<td>1.640000 (2017 Rate)</td>
<td>Collin County Tax Office</td>
</tr>
</tbody>
</table>

Improvements

Our records don't show any improvement data for Property ID 2611775 in the year 2018.

Land Segments

<table>
<thead>
<tr>
<th>Land Segment #1</th>
<th>Improved Pasture</th>
</tr>
</thead>
<tbody>
<tr>
<td>State Code</td>
<td>D1 (Qualified Open-space Ag Land)</td>
</tr>
<tr>
<td>Homesite</td>
<td>No</td>
</tr>
<tr>
<td>Market Value</td>
<td></td>
</tr>
<tr>
<td>Ag Use Value</td>
<td>1D1</td>
</tr>
<tr>
<td>Land Size</td>
<td>17.5713 acres 765,406 sq. ft.</td>
</tr>
</tbody>
</table>

Value History

<table>
<thead>
<tr>
<th>Year</th>
<th>Improvement</th>
<th>Land</th>
<th>Market</th>
<th>Ag Loss</th>
<th>Appraised</th>
<th>HS Cap Loss</th>
<th>Assessed</th>
</tr>
</thead>
<tbody>
<tr>
<td>2017</td>
<td>$0</td>
<td>$1,142,135</td>
<td>$1,142,135</td>
<td>$1,140,220</td>
<td>$1,915</td>
<td>$0</td>
<td>$1,915</td>
</tr>
<tr>
<td>2016</td>
<td>$0</td>
<td>$1,054,278</td>
<td>$1,054,278</td>
<td>$1,052,415</td>
<td>$1,863</td>
<td>$0</td>
<td>$1,863</td>
</tr>
</tbody>
</table>
## Year Improvement Land Market Ag Loss Appraised HS Cap Loss Assessed

<table>
<thead>
<tr>
<th>Year</th>
<th>Improvement</th>
<th>Land</th>
<th>Market</th>
<th>Ag Loss</th>
<th>Appraised</th>
<th>HS Cap Loss</th>
<th>Assessed</th>
</tr>
</thead>
<tbody>
<tr>
<td>2015</td>
<td>$0</td>
<td>$918,515</td>
<td>$918,515</td>
<td>$916,623</td>
<td>$1,892</td>
<td>$0</td>
<td>$1,892</td>
</tr>
<tr>
<td>2014</td>
<td>$0</td>
<td>$878,565</td>
<td>$878,565</td>
<td>$876,738</td>
<td>$1,827</td>
<td>$0</td>
<td>$1,827</td>
</tr>
<tr>
<td>2013</td>
<td>$0</td>
<td>$918,515</td>
<td>$918,515</td>
<td>$916,623</td>
<td>$1,892</td>
<td>$0</td>
<td>$1,892</td>
</tr>
</tbody>
</table>

### Deed History

<table>
<thead>
<tr>
<th>Deed Date</th>
<th>Seller</th>
<th>Buyer</th>
<th>Instr #</th>
<th>Volume/Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>12/30/2010</td>
<td>UNDERWOOD FINANCIAL LTD</td>
<td>NEU IRREVOCABLE 2006 TRUST</td>
<td>2011010300002200</td>
<td></td>
</tr>
</tbody>
</table>

---

**SB 541 – Amends Section 25.027 of the Property Tax Code, effective September 1, 2005**

*RESTRICTION ON POSTING DETAILED IMPROVEMENT INFORMATION ON INTERNET WEBSITE:*

Information in appraisal records may not be posted on the Internet if the information is a photograph, sketch, or floor plan of an improvement to real property that is designed primarily for use as a human residence. This section does not apply to an aerial photograph that depicts five or more separately owned buildings.

**HB 394 – Amends Section 25.027 of the Property Tax Code, effective September 1, 2015**

*RESTRICTION ON POSTING AGE RELATED INFORMATION ON INTERNET WEBSITE:*

Information in appraisal records may not be posted on the Internet if the information indicates the age of a property owner, including information indicating that a property owner is 65 years of age or older.
If you'd prefer to use a standalone version of this map, please click here.
## Property Search

### Property ID: 2564193 - Tax Year: 2018

#### General Information

<table>
<thead>
<tr>
<th>Property ID</th>
<th>2564193</th>
</tr>
</thead>
<tbody>
<tr>
<td>Property Status</td>
<td>Active</td>
</tr>
<tr>
<td>Geographic ID</td>
<td>R-6167-001-0960-1</td>
</tr>
<tr>
<td>Property Type</td>
<td>Real</td>
</tr>
<tr>
<td>Property Address</td>
<td>6435 County Road 89, Celina, TX 75009</td>
</tr>
<tr>
<td>Total Land Area</td>
<td>6.0000 acres</td>
</tr>
<tr>
<td>Total Improvement Main Area</td>
<td>1,179 sq. ft.</td>
</tr>
<tr>
<td>Abstract/Subdivision</td>
<td>Collin County School Land #14 Survey</td>
</tr>
<tr>
<td>Primary State Code</td>
<td>E (Real Farm &amp; Ranch Single Family)</td>
</tr>
<tr>
<td>Legal Description</td>
<td>Abs A0167 Collin County School Land #14 Survey, Sheet 1, Tract 96, 6.0 Acres</td>
</tr>
<tr>
<td>Tax Agent</td>
<td>Kurz Group</td>
</tr>
</tbody>
</table>

#### Owner Information

- **Owner ID**: 808132
- **Owner Name(s)**: Neu Irrevocable 2006 Trust
- **Exemptions**: None
- **Percent Ownership**: 100.00%
- **Mailing Address**: 25 Highland Park Vlg Ste 100, Dallas, TX 75205-2726

#### 2018 Value Information

Value information for Property ID 2564193 in the 2018 tax year is unavailable. Value information for prior years may be available in the Value History section below.

#### Entities

<table>
<thead>
<tr>
<th>Taxing Entity</th>
<th>Tax Rate</th>
<th>Collected By</th>
</tr>
</thead>
<tbody>
<tr>
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<td>SCL (Celina ISD)</td>
<td>1.640000 (2017 Rate)</td>
<td>Collin County Tax Office</td>
</tr>
</tbody>
</table>

#### Improvements

- **Improvement #1**: Residential
  - **State Code**: E (Real Farm & Ranch Single Family)
  - **Homesite**: Yes
  - **Market Value**:
    - **Total Main Area**: 1,179 sq. ft.
  - **Detail #** | **Type** | **Year Built** | **Sq. Ft.**
  | 1           | MA - Main Area | 1991          | 1,179       |
  | 2           | CPT - Attached Carport | 1991          | 735         |
  | 3           | AG - Attached Garage | 1991          | 252         |

#### Land Segments

- **Land Segment #1**: Improved Pasture
  - **State Code**: D1 (Qualified Open-space Ag Land)
  - **Homesite**: No
  - **Market Value**
  - **Ag Use Value**: 1D1
  - **Land Size**: 5,000 acres, 217,800 sq. ft.

- **Land Segment #2**: Farm And Ranch Single Family
  - **State Code**: E (Real Farm & Ranch Single Family)
  - **Homesite**: No
  - **Market Value**
  - **Ag Use Value**: n/a
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**SB 541 – Amends Section 25.027 of the Property Tax Code, effective September 1, 2005**

RESTRICTION ON POSTING DETAILED IMPROVEMENT INFORMATION ON INTERNET WEBSITE:

Information in appraisal records may not be posted on the Internet if the information is a photograph, sketch, or floor plan of an improvement to real property that is designed primarily for use as a human residence. This section does not apply to an aerial photograph that depicts five or more separately owned buildings.

**HB 394 – Amends Section 25.027 of the Property Tax Code, effective September 1, 2015**

RESTRICTION ON POSTING AGE RELATED INFORMATION ON INTERNET WEBSITE:

Information in appraisal records may not be posted on the Internet if the information indicates the age of a property owner, including information indicating that a property owner is 65 years of age or older.
If you'd prefer to use a standalone version of this map, please click here.
APPENDIX IV

REGULATORY INFORMATION
Regulatory Database Search

Job Number: 201712040
Report Date: December 11, 2017

Property:
201712040
- Celina, TX 75009

Prepared For:
Phase Engineering, Inc.
5524 Cornish St.
Houston, TX 77007

Prepared By:
AAI Environmental Data
P.O. Box 70438
Houston, TX 77270
Hazard Map

Site Location: Celina, TX 75009
Job Number: 201712040

Scale: 1:20,175

Note: Property location and boundaries are representative only.
Hazard Map

Site Location: Celina, TX 75009
Job Number: 201712040

Note: Property location and boundaries are representative only.
Site Location: Celina, TX 75009
Job Number: 201712040

Note: Property location and boundaries are representative only.
### Federal Sites

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<th>1/2 Mile</th>
<th>1 Mile</th>
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*Adjoining properties are defined as being within a search radius of 0.25 mi. from the subject property boundaries.
### Site Summary

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**COMPARTMENT DETAILS:**

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Ungeocodables

The following sites were not geocoded due to mapping and/or database limitations. These sites are believed to be within the subject sites zip code or in an adjacent zip code within 1/2 mile of the subject property, but due to database inaccuracies, no guarantees can be made that these sites actually exist within the zip code nor can it be guaranteed that the listed sites are the only sites in the zip code.

The following ZIP codes have been searched for ungeocodables 75009

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<td>TXD987997780</td>
<td>RCRA</td>
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DATA SOURCES

CERCLIS Comprehensive Environmental Response, Compensation and Liability Information System – CERCLA, also known as the Superfund Program (enacted by Congress in 1980) is administered by the EPA to locate, investigate, and clean-up uncontrolled hazardous waste sites throughout the United States. CERCLIS is the national database and management system the EPA uses to track activities at abandoned, inactive, or uncontrolled hazardous waste sites regulated under the Comprehensive Environmental Response, Compensation and Liability Act, and is the contains the official inventory of Superfund sites. This database contains information for site inspections, preliminary assessments and remediation activities at hazardous waste sites on the National Priorities List. CERCLIS contains the official inventory of Superfund sites and supports EPA’s site planning and tracking functions. Effective January 31, 2014, the Superfund program decommissioned CERCLIS and is transitioning to the Superfund Enterprise Management System, or SEMS. SEMS will include the same data and content as CERCLIS. The final CERCLIS dataset (dated November 12, 2013) which reflects official end of Fiscal Year 2013 Program progress for public reporting is the last update until a complete and accurate SEMS data set is available from the EPA.

NPL National Priorities List – is a list of national priorities among the known releases or threatened releases of hazardous substances, pollutants, or contaminants throughout the United States and its territories. The NPL is information and management tool intended primarily to guide the EPA in determining which sites warrant further investigation. The National Priorities List is updated periodically, as mandated by CERCLA.

NPL Delisted (Deleted) – Deletion of sites from the National Priorities List (NPL) may occur once all response actions are complete and all cleanup goals have been achieved. The EPA has the responsibility for processing deletions with concurrence from the State. Deleted sites may still require five-year reviews to assess protective. Also, if future site conditions warrant, additional response actions can be taken, using the Trust Fund or by Potential Responsible Parties. Sites can be restored to the NPL if extensive response work is required.

NFRA – is a status code assigned to Non-NPL sites. No Further Remedial Action Planned means that, to the best of the EPA’s knowledge, site assessment work is complete and no further steps will be taken to list the site on the National Priorities (NPL) unless new information warranting such action is received by EPA. NFRA does not necessarily mean that there is no hazard associated with the site; it only means that the location is not deemed to be a potential NPL site based on available information.

Land Use Controls (LUCs) - Land use controls may consist of Institutional Controls (ICs) and Engineering Controls (ECs). LUCs help to minimize the potential for exposure to contamination and protect the integrity of a response action and are typically designed to work by limiting land and/or resource use or by providing information that helps modify or guide human behavior at a site. Institutional Controls (ICs) are non-engineering measures and are almost always used in conjunction with, or as a supplement to, other measures such as waste treatment or containment. There are four categories of ICs: Governmental Controls (zoning restrictions, ordinances, statues, building permits or other provisions that restrict land or resource use at a site), Proprietary Controls (easements, covenants, Deed Restrictions), Enforcement and Permit Tools (consent decrees, administrative orders), and Informational Devices (State Registries of contaminated sites, deed notices and advisories). ICs are used when contamination is first discovered, when remedies are ongoing and when residual contamination remains onsite at a level that does not allow for unlimited use and unrestricted exposure after cleanup. Engineering Controls (ECs) encompass a variety of engineered and constructed physical barriers to contain and prevent exposure to contamination on a property. ECs are often installed during cleanup as a condition of a no further action determination and are generally intended to be in place for long periods of time.

RCRA Resource Conservation and Recovery Act Information - RCRAInfo is the EPAs comprehensive information system that supports the RCRA (1976) and HSWA (1984) through the tracking of events and activities related to facilities that generate, treat, store or dispose of hazardous waste. Information on cleaning up after accidents or other activities that result in a release of hazardous materials to the water, air or land must also be reported through RCRAInfo.

Hazardous Waste Generator – is any person or site whose processes and actions create hazardous waste. Generators are divided into three categories based upon the quantity of waste they produce: Large Quantity Generators (LQG), Small Quantity Generators (SQG), and Conditionally Exempt Small Quantity Generators (CESQG).

TSD - The RCRA hazardous waste permitting program helps ensure the safe treatment, storage, and disposal of hazardous waste by establishing specific requirements that must be followed when managing wastes. Permits for the treatment, storage, or disposal of hazardous wastes are issued by Authorized States or by the EPA Regional Offices.

Corrective Action/Hazardous Waste Cleanup – RCRA requires TSD facilities owners and operators to investigate and clean up hazardous waste releases at hazardous waste facilities. The RCRA Corrective Action Program allows these facilities to address the investigation and clean up of these hazardous releases themselves. Cleanup at closed or abandoned RCRA sites can also take place under the Superfund program. The EPA created the 2020 Corrective Action Universe which gives access to the facilities expected to need corrective action. Some properties are heavily contaminated while others were contaminated but have since been cleaned up, or have not been fully investigated yet, and may require little or no remediation. The 2020 Corrective Action Baseline Facilities List data was retrieved from RCRAInfo as of April 22, 2013.

ACRES Assessment, Cleanup and Redevelopment Exchange System (EPA Brownfield) - The EPA’s ACRES stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. The EPA's Brownfields Program is designed to empower states, communities, and other stakeholders in economic redevelopment to work together in a timely manner to prevent, assess, safely clean up, and sustainably reuse brownfields.
ERNS Emergency Response Notification System – is the database used to store information on notifications of oil discharges and hazardous substances release. The ERNS program is a cooperative data sharing effort among the Environmental Protection Agency (EPA) Headquarters, the Department of Transportation (DOT), National Transportation Systems Center (NTSC), the ten EPA Regions, the U.S. Coast Guard (USCG), and the National Response Center (NRC). ERNS provide the most comprehensive data compiled on notifications of oil discharges and hazardous substances releases in the United States. The types of release reports that are available in ERNS fall into three major categories: substances designated as hazardous substances under the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA), as amended; oil and petroleum products (Clean Water Act of 1972), as amended by the Oil Pollution Act of 1990; and all other types of materials. ERNS is a database of initial notifications and not incidents, so there are limitations to the data. There may be multiple reports for a single incident, and because reports are taken over the phone, misspellings, and locational information limit the quality of some data.

State Superfund Registry in Texas - was established by the 69th Texas Legislature in 1985 and administered by TCEQ lists those abandoned or inactive sites that have serious contamination but do not qualify for the federal program, and therefore are cleaned up under the state program. The state must comply with federal guidelines in administering the state Superfund program, but EPA approval of the state Superfund actions is not required. The Remediation Division manages Superfund sites, or provides management assistance to EPA on RP-lead Superfund sites, after the site is identified as being eligible for listing on either the state Superfund registry or the federal National Priorities List (NPL).

TCEQ Petroleum Storage Tank Program (PST) - regulates underground storage tanks (USTs), and to a lesser extent, aboveground storage tanks (ASTs), containing petroleum or hazardous substances. The PST Program has established action levels and screening criteria for PST chemicals of concern (CCs), to help determine whether sites must be assigned an LPST number and further investigation.

TCEQ Leaking Petroleum Storage Tanks (LPST) data – is maintained the Remediation Division oversees the cleanup of petroleum substance and hazardous releases from regulated aboveground and underground storage tanks.

TCEQ Release Determination Reports (RDR) – are reported to the PST Program and maintained by the Remediation Division. These are used to report the results from an investigation of a suspected or confirmed release. A RDR is not always associated with a registered LPST or PST site. The RDR dataset included in this search is limited.

TCEQ Innocent Owner / Operator Program (IOP) The Texas IOP created by House Bill 2776 of the 75th Legislature, provides a certificate to an innocent owner or operator if their property is contaminated as a result of a release or migration of contaminants from a source or sources not located on the property, and they did not cause or contribute to the source or sources of contamination.

TCEQ Voluntary Cleanup Program (VCP) - provides administrative, technical, and legal incentives to encourage the cleanup of contaminated sites in Texas. Since all non-responsible parties, including future lenders and landowners, receive protection from liability to the state of Texas for cleanup of sites under the VCP, most of the constraints for completing real estate transactions at those sites are eliminated. As a result, many unused or under used properties may be restored to economically productive or community beneficial use. Also under the VCP, site cleanups follow a streamlined approach to reduce future human and environmental risk to safe levels. The Texas Voluntary Cleanup Program (VCP) Database provides general information on contaminated sites addressed under the Texas VCP. Institutional and Engineering Controls (IC) are included in the VCP database.

TCEQ Brownfields Site Assessments (BSA) – The BSA Program administers a grant provided by the EPA to perform Brownfields site assessment for local governments and non-profit organizations who are not responsible parties. TCEQ works in close partnership with the EPA and other federal, state, and local redevelopment agencies, and stakeholders, to facilitate cleanup, transfer and revitalization of Brownfields through the development of regulatory, tax, and technical assistance tools.

TCEQ Industrial and Hazardous Waste Program (IHW) – The Texas Commission on Environmental Quality (TCEQ) oversees both wastes generated in Texas and those generated outside the state and sent to Texas for treatment, storage, and/or disposal. A hazardous waste is one that is listed as such by the EPA or that exhibits one or more hazardous characteristics (ignitability, reactivity, corrosiveness, or toxicity). Owners or operators of hazardous waste management units must have permits during the active life (including the closure period) of the unit and are subject to both state and federal requirements. The Industrial and Hazardous Waste Datasets are statewide files from the TRACs-IHW system that include the permitting and annual reporting of industrial and hazardous wastes to the TCEQ.

TCEQ Industrial and Hazardous Waste Corrective Action Program (IHWCA) - The Remediation Division of the TCEQ oversees the Corrective Action Program. Corrective Action is triggered when there is a documented release of hazardous waste constituents to the environment; these releases are the result of the past and present activities at RCRA-regulated facilities. The Corrective Action process includes the investigation/evaluation, and if necessary remediation and cleanup of any contaminated air, groundwater, surface water, or soil of hazardous waste management spills or releases from waste management units and release areas, to ensure protection of human health and the environment. Corrective action requirements apply to all solid waste management units and areas of concern at a facility requiring regulatory agency permitting or closure.

Dry Cleaner Registration (DCR) - State law requires that all dry cleaning drop stations and facilities register annually with the TCEQ, which implements performance standards at these facilities as appropriate.

TCEQ Dry Cleaner Remediation Program (DCRP) - was established under House Bill 1366 (Sept. 1, 2003) which established new environmental standards for dry cleaners and a remediation fund to assist with remediation of contamination caused by dry cleaning solvents. The program establishes a prioritization list of dry cleaner sites and administers the Dry Cleaning Remediation fund.
DATA SOURCES

Municipal Setting Designations (MSD) - is an official state designation given to property within a municipality or its extraterritorial jurisdiction that certifies that designated groundwater at the property is not used as potable water, and is prohibited from future use as potable water because that groundwater is contaminated in excess of the application potable-water protective concentration level. The prohibition must be in the form of a city ordinance or a restrictive covenant that is enforceable by the city and filed in the property records. MSD is managed by the Remediation Division.

Railroad Commission of Texas Brownfields Response Program (BRP) - The Railroad Commission of Texas (RRC) regulates the exploration, production and transportation of oil and natural gas in Texas. The Brownfields response program (BRP) is designed to identify brownfields associated with oil and gas activities and to promote voluntary cleanup by providing federal grant funding for environmental site assessments. The objective of the BRP is to restore brownfields properties in communities across Texas by increasing the redevelopment potential of abandoned oil and gas sites.

Railroad Commission of Texas Voluntary Cleanup Program (RRC-VCVP) - The purpose of the voluntary cleanup program is to provide an incentive to cleanup property contaminated by activities under Railroad Commission jurisdiction by removing the liability to the state of lenders, developers, owners, and operators who did not cause or contribute to contamination (a waste, pollutant or other substance or material regulated by or that results from an activity under the jurisdiction of the RRC) released at the site. The program is restricted to voluntary actions but does not replace other voluntary actions.

Tribal Databases – The United States has a unique legal relationship with federally-recognized Indian tribes based on the Constitution, treaties, statutes, executive orders and court decisions. The EPA became the first federal agency to adopt a formal Indian Policy (1984) of working with tribes on a government-to-government basis. There are 561 federally-recognized tribes within the United States. Each tribe is an independent, sovereign nation, responsible for setting standards, making environmental policy, and managing environmental programs for its people; in Texas, these include the Alabama-Coushatta Tribe of Texas, Kickapoo Traditional Tribe of Texas, and the Ysleta Del Sur Pueblo of Texas. The EPA Region 6 Tribal Team members work as liaisons and partner with Tribes on a government-to-government basis, consistent with their inherent sovereignty, assisting other EPA Divisions to resolve environmental issues, consult, and support the development of tribal environmental protection programs. The American Indian Environmental Office manages the Tribal Air, Compliance Enforcement, Waste, Solid Waste and Emergency Response (OSWER), Underground Storage Tanks, Water programs. Brownfields Land Revitalization, Emergency Management, Federal Facilities Restoration and Reuse Office, Office of Resource Conservation and Recovery, Office of Superfund Remediation and Technology Innovation and Office of Underground Storage Tanks (OUST) have tribal response programs or coordinate with Indian tribes. Tribal facility information within these programs is reported through the EPA.

Tribal Open Dumps 2014 - OMDS - Indian Health Service, Office of Environmental and Health Engineering Division of Sanitation Facilities Construction administers a nationwide Sanitation Facilities Construction Program that is responsible for the delivery of environmental engineering services and sanitation facilities to American Indians and Alaska Natives. The SFC Program for Texas is administered through the Nashville Area Office.
Central Registry Query - Regulated Entity Information

Regulated Entity Information

**RN Number:** RN104850300

**Name:** BROOKSHIRE GROCERY BROOKSHIRE GROCERY STORE 73

**Names**

**Primary Business:** RETAIL

**Street Address:** 990 S PRESTON RD, CELINA TX 75009 3883

**County:** COLLIN

**Nearest City:** CELINA

**State:** TX

**Near ZIP Code:** 75009

**Physical Location:** No physical location description ON file.

Affiliated Customers - Current

Your Search Returned 1 Current Affiliation Records (View Affiliation History)

*The Customer Name displayed may be different than the Customer Name associated to the Additional IDs related to the customer. This name may be different due to ownership changes, legal name changes, or other administrative changes.*

1-1 of 1 Records

<table>
<thead>
<tr>
<th>CN Number</th>
<th>Customer Name</th>
<th>Customer Role(s)</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>CN600295745</td>
<td>BROOKSHIRE GROCERY COMPANY</td>
<td>OWNER OPERATOR</td>
<td></td>
</tr>
</tbody>
</table>

Industry Type Codes

<table>
<thead>
<tr>
<th>Code</th>
<th>Classification</th>
<th>Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>1542</td>
<td>SIC</td>
<td>General Contractors-Nonresidential Buildings</td>
</tr>
</tbody>
</table>

Permits, Registrations, or Other Authorizations

There are a total of 3 programs and IDs for this regulated entity. Click on a column name to change the sort order.

1-3 of 3 Records

<table>
<thead>
<tr>
<th>Program</th>
<th>ID Type</th>
<th>ID Number</th>
<th>ID Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>PETROLEUM STORAGE TANK REGISTRATION</td>
<td>REGISTRATION</td>
<td>78262</td>
<td>ACTIVE</td>
</tr>
<tr>
<td>PETROLEUM STORAGE TANK STAGE II</td>
<td>REGISTRATION</td>
<td></td>
<td></td>
</tr>
<tr>
<td>STORMWATER</td>
<td>PERMIT</td>
<td>TXR15AF13</td>
<td>CANCELLED</td>
</tr>
</tbody>
</table>
Central Registry

The Customer Name displayed may be different than the Customer Name associated to the Additional IDs related to the customer. This name may be different due to ownership changes, legal name changes, or other administrative changes.

Detail of: Petroleum Storage Tank Registration 78262
View Certificate of Delivery

For: BROOKSHIRE GROCERY 73 (RN104850300)
990 S PRESTON RD, CELINA

Registration Status: ACTIVE

Held by: BROOKSHIRE GROCERY COMPANY (CN600295745) View 'Issued To'

History

N/A Since 10/03/2005 View Compliance History

Mailing Address: PO BOX 1411 TYLER, TX 75710 -1411

Related Information:

Investigations
Registration Information

There is no information related to this Registration in the following categories:

Commissioners' Actions
Correspondence Tracking
Effective Enforcement Orders
Criminal Convictions
Proposed Enforcement Orders
Complaints
Discharges
Emergency Response Events
Emission Events
Fish Kills
Other Incidents
Periodic Reports
Texas Commission on Environmental Quality
Petroleum Storage Tank Program

Delivery Certificate
(Non-Transferable)

This hereby certifies that the underground storage tanks (USTs) at the facility identified herein have been self-certified as compliant with all technical and administrative standards for fuel delivery purposes. This certificate verifies self certification only, and does not certify that the listed USTs are in compliance with TCEQ's Technical and Administrative requirements. Prior to retail sale of fuel to the public using measured dispensing devices, any meter must be registered with the Texas Department of Agriculture.

Owner/Operator #: 000251
BROOKSHIRE GROCERY COMPANY
PO BOX 1411
TYLER, TX 75710-1411

Facility #: 0078262
BROOKSHIRE GROCERY 73
990 S PRESTON RD
CELINA, TX 75009-3883

Self-Certified UST's: 1A, 1B, 1C

For the specific time period and the Underground Storage Tanks (USTs) indicated, this certificate verifies self-certification by the tank owner or operator of compliance with TCEQ rule requirements listed at 30 TAC Sec. 334.8(c)(3)(D) [regarding tank registration, payment of registration fees, UST financial responsibility (e.g., insurance), and technical standards (release detection, spill/overfill prevention, corrosion protection & variances issued by the agency to any of these standards)]. The Texas Water Code Sec. 26.346 requires the tank owner or operator to accurately complete the parts of the registration and self-certification form pertaining to the self-certification of compliance with UST administrative requirements and technical standards.

- After 12/22/98, the state's petroleum storage tank remediation (PSTR) fund is no longer an acceptable UST financial responsibility mechanism for corrective action. Owners or operators of regulated petroleum USTs must now maintain required coverage for BOTH corrective action AND third-party bodily injury/property damage by other allowable mechanisms (e.g., insurance).

- If a confirmed petroleum release from an eligible storage tank was first discovered and reported to the TCEQ after 12/22/98, none of the associated cleanup costs are eligible for reimbursement or payment from the state's PSTR fund. [Water Code 26.3512(b)(5)].

- Prior to retail sale of fuel to the public using measured dispensing devices, any meter must be registered with the Texas Department of Agriculture.
Central Registry

The Customer Name displayed may be different than the Customer Name associated to the Additional IDs related to the customer. This name may be different due to ownership changes, legal name changes, or other administrative changes.

Detail of: Petroleum Storage Tank Registration 78262
For: BROOKSHIRE GROCERY 73 (RN104850300)
990 S PRESTON RD, CELINA

Registration Status: ACTIVE

Held by: BROOKSHIRE GROCERY COMPANY (CN600295745) View 'Issued To'

History
N/A Since 10/03/2005 View Compliance History

Mailing Address: PO BOX 1411 TYLER, TX 75710 -1411

Investigations

<table>
<thead>
<tr>
<th>Investigation Date</th>
<th>Investigation Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>03/15/2017</td>
<td>Compliance Investigation</td>
</tr>
</tbody>
</table>
Table 1. Underground Storage Tank Summary

<table>
<thead>
<tr>
<th>Tank</th>
<th>Capacity (Gallons)</th>
<th>Date Installed</th>
<th>Status</th>
<th>Substance Stored</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>30000</td>
<td>09/07/2006</td>
<td>In Use</td>
<td>A:Gasoline, B:Gasoline, C:Diesel</td>
</tr>
</tbody>
</table>

Table 2. Tank Details

<table>
<thead>
<tr>
<th>Tank</th>
<th>Design &amp; Materials</th>
<th>Corrosion Protection</th>
<th>Release Detection</th>
<th>Spill Containment and Overfill Prevention</th>
<th>Installation Contractor</th>
<th>Installer</th>
<th>Test Result</th>
</tr>
</thead>
</table>

Table 3. Compartment Details

<table>
<thead>
<tr>
<th>Tank</th>
<th>Compartment</th>
<th>Capacity (gallons)</th>
<th>Principal Substance</th>
<th>Other Substance</th>
<th>Release Detection</th>
<th>Spill Containment and Overfill Prevention</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>A</td>
<td>18000</td>
<td>Gasoline</td>
<td></td>
<td>1 : Auto Tank Gauge &amp; Inv Cntrl</td>
<td>1 : Tight Fill Fitting 2 : Fac Built Spill Cont/Bckt/Sump 3 : Flow Restrictor Valve</td>
</tr>
<tr>
<td>1</td>
<td>B</td>
<td>7000</td>
<td>Gasoline</td>
<td></td>
<td>1 : Auto Tank Gauge &amp; Inv Cntrl</td>
<td>1 : Tight Fill Fitting 2 : Fac Built Spill Cont/Bckt/Sump 3 : Flow Restrictor Valve</td>
</tr>
<tr>
<td>1</td>
<td>C</td>
<td>5000</td>
<td>Diesel</td>
<td></td>
<td>1 : Auto Tank Gauge &amp; Inv Cntrl</td>
<td>1 : Tight Fill Fitting 2 : Fac Built Spill Cont/Bckt/Sump 3 : Flow Restrictor Valve</td>
</tr>
</tbody>
</table>
Table 4. Piping Systems

<table>
<thead>
<tr>
<th>Tank</th>
<th>Type of Piping</th>
<th>Piping Material</th>
<th>Design and External Containment</th>
<th>Connectors and valves</th>
<th>Corrosion Protection</th>
<th>Release Detection</th>
</tr>
</thead>
</table>

5. Vapor Recovery Systems

<table>
<thead>
<tr>
<th>Tank</th>
<th>Type of Stage 1</th>
<th>Date Installed</th>
<th>Type of Stage 2</th>
<th>Date Installed</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Two Point System</td>
<td>09/07/2006</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Texas Commission on Environmental Quality
Investigation Report

Customer: Brookshire Grocery Company
Customer Number: CN600295745

Regulated Entity Name: BROOKSHIRE GROCERY BROOKSHIRE GROCERY
STORE 73
Regulated Entity Number: RN104850300

Investigation # 1403149
Investigator: STEVE WILLIAMSON
Conducted: 03/15/2017 -- 03/15/2017
Program(s): PETROLEUM STORAGE TANK REGISTRATION
Investigation Type: Compliance Investigation
Additional ID(s): 78262

Address: 990 S PRESTON RD, CELINA, TX , 75009
Local Unit: EPA PST ARLINGTON
Activity Type(s): PSTEACT - PST Energy Act Focused Investigation

Principal(s):
Role
RESPONDENT
Name
BROOKSHIRE GROCERY COMPANY

Contact(s):
Role
NOTIFIED
PARTICIPATED IN
PARTICIPATED IN
REGULATED ENTITY CONTACT
REGULATED ENTITY MAIL CONTACT
Title
DIRECTOR OF FUEL OPERATIONS
MANAGER
DIRECTOR OF FUEL OPERATIONS
DIRECTOR OF FUEL OPERATIONS
DIRECTOR OF FUEL OPERATIONS
Name
MS RACHEL Q GEE
MS DEBBIE HEINTZ
MS RACHEL Q GEE
MS RACHEL Q GEE
MS RACHEL Q GEE
Phone
Work Work (972) 383-3553 (972) 383-3553
Work Work (972) 383-3553 (972) 383-3553
Work Work (972) 383-3553 (972) 383-3553
Work Work (972) 383-3553 (972) 383-3553
Work Work (972) 383-3553 (903) 534-3395

Other Staff Member(s):
Role
QA Reviewer
QA Reviewer
Supervisor
Name
ELIZABETH VANDERWERKEN
DOREEN JORGENS
PATRICIA MELENDEZ
Financial assurance mechanism utilized by this UST system is an insurance policy. The insurance is provided by AIG Insurance Company who has issued liability insurance for taking corrective action and compensating third parties for bodily injury and property damage caused by accidental releases. The limits of liability are $1,000,000 per occurrence and $2,000,000 annual aggregate arising from operating the underground storage tank included in the policy. The policy was issued for December 13, 2016 through December 13, 2017. One UST is included in this insurance policy.

CORROSION PROTECTION:

The regulated entity provided tank material verification for the UST. The regulated entity submitted documentation from Modern Welding Company of Texas dated May 18, 2006, which indicated one ACT-100/STI-P3 dual protected tank was installed at the facility. Additionally, the regulated entity submitted a corrosion protection (CP) test conducted by Tatz UST Management on September 21, 2016, with passing results. The regulated entity had also provided a CP test conducted by Tatz UST Management on January 6, 2014, with passing results. The piping is FRP piping.

TANK MONTHLY RELEASE DETECTION:

Tank release detection is provided by Monthly Inventory Control and Automatic Tank Gauge.

-Monthly Inventory Control (MIC):

The regulated entity provided a copy of the MIC records from September 2016 to February 2017. The investigator documented that the regulated entity was conducting the MIC correctly for the UST. The monthly over/short was within the allowable for each month for the UST.

-Automatic Tank Gauge (ATG):

The regulated entity submitted a copy of the ATG 0.2 gallon per hour (gph) monthly test results for the UST for September 2016 to February 2017. The tank received a passing result for each month and did not exceed 35-days between passing results.

PIPING RELEASE DETECTION:

-Pressurized Piping:

The regulated entity has Electronic Line Leak Detectors (LLDS) installed on the UST. Electronic LLDs are currently exempt from the TCEQ regulations for the annual line leak detector test.

The regulated entity contracted Tatz UST Management to conduct an annual line leak detector and line tightness test on all lines on January 6, 2017. The lines passed.

SPILL AND OVERFILL:

The tank was equipped with a tight-fill fitting.

Three spill buckets were installed. The investigator documented that the spill buckets were maintained in good operating condition; free of visible cracks or damage that would prevent them from being liquid tight. The investigator documented that the regulated entity was conducting the 60-day inspection of the spill buckets and maintained a record.

The regulated entity provided documentation from Tatz UST Management dated September 21, 2016, which indicated that ball floats are utilized for overflow prevention for the tank.

SUSPECTED OR CONFIRMED RELEASES:

The investigator found no evidence of a suspected or confirmed release as a result of this investigation.

OPERATOR TRAINING:
Mr. Chris Jennings received the Class A/B Operator training certification on July 9, 2015 from Texas Petroleum Marketers and Convenience Store Association, and it will expire on July 9, 2018.

Ms. Rachel Gee received the Class A/B Operator training certification on August 12, 2015 from Texas Petroleum Marketers and Convenience Store Association, and it will expire on August 12, 2018.

The investigator observed the Class C Operator training records for all of the employees on-site.

CONCLUSION:

No violations were documented during this investigation. A General Compliance (GC) letter has been issued as a result of this investigation and will be sent to Ms. Rachel Gee, Director of Fuel Operations.

ATTACHMENTS:

1. TCEQ PST Focused Investigation Checklist
2. Site Diagram
3. TCEQ SOC Checklist
4. 2014 Corrosion Protection Test
5. 2016 Corrosion Protection Test with Ball Float Verification
6. Photographs taken during the inspection
7. E-mail Correspondence

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No Violations Associated to this Investigation

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Signed

[Signature]

Environmental Investigator

Date

4/12/17

Signed

[Signature]

Supervisor

Date

APR 05 2017

---

Attachments: (in order of final report submittal)

___ Enforcement Action Request (EAR)

✓ Letter to Facility (specify type): Focused

Investigation Report

___ Sample Analysis Results

___ Manifests

___ Notice of Registration

___ Maps, Plans, Sketches

___ Photographs

___ Correspondence from the facility

___ Other (specify):

______________________________________________________________________
Investigation Quality Assurance Appendix

Investigation Number: 1403149  Regulated Entity Number: RN104850300  County: COLLIN
Regulated Entity Name: BROOKSHIRE GROCERY BROOKSHIRE GROCERY STORE 73
Physical Address: No Physical Address Associated to RN in CR
Conducted: 03/15/2017 00:00 To 03/15/2017 00:00  Notification Date: 03/06/2017

No Associated Incidents

Staff Tasks
LEAD INVESTIGATOR STEVE WILLIAMSON Tasks: 1 hrs. INVEST 2 hrs. POSTINVEST .5 hrs. PREINVEST 1.5 hrs. TRAVEL

QA REVIEWER DOREEN JORGENS Tasks: .5 hrs. QA

SUPERVISOR PATRICIA MELENDEZ Tasks: .5 hrs. POSTINVEST

Documents Received
Submitted By Document Type Received Dt Activity Dt Document Dt
RACHEL GEE CORRESPONDENCE FROM REGULATED ENTITY 03/14/2017
RACHEL GEE EQUIPMENT TEST RECORDS 03/14/2017
RACHEL GEE EQUIPMENT TEST RECORDS 03/14/2017

Communication History
GENERAL 04/07/2017
PHOEMALFAX 03/06/2017
PHOEMALFAX 03/14/2017

Fiscal Year WP Local Unit Activity Type Event Quantity
2017 EPA PST ARLINGTON PSTEACT - PST Energy Act Focused Investigation 1
Ms. Rachel Gee, Director of Fuel Operations  
Brookshire Grocery Company  
P.O. Box 1411  
Tyler, Texas 75710

Re: Petroleum Storage Tank (PST) Focused Energy Act Investigation for Release Detection, Corrosion Protection, Financial Assurance, Spill Containment and Overfill Prevention, and Delivery Certificate at: Brookshire Grocery 73, 990 S. Preston Road, Celina (Collin County), Texas 75009  
TCEQ PST Registration No.: 78262 RN: 104850300

Dear Ms. Gee:

On March 15, 2017, Mr. Steve Williamson of University of Texas at Arlington (UTA) Austin office, PST Program Contractor for the Texas Commission on Environmental Quality (TCEQ), conducted an investigation of the above-referenced facility to evaluate compliance with certain applicable requirements for the PST program. No violations are being alleged as a result of the investigation.

Please note that this investigation was limited in scope. Your facility is still required to comply with all requirements of 30 Texas Administrative Code (TAC), Chapter 334, and, under the Energy Policy Act of 2005, is subject to compliance investigations every three years.

If you feel that your facility may require assistance to achieve compliance with the requirements of the PST program, you have several options:

- Refer to the PST rules found in Title 30 TAC, Chapter 334, located at: http://www.tceq.state.tx.us/rules/indexpdf.html#334;
- Hire a contractor who is knowledgeable with PST issues to assist you with regulatory compliance;
- Refer to the Small Business and Local Government Assistance (SBLGA) website at: www.sblga.info – click on the link for Petroleum Storage Tanks; or
- Call the SBLGA free, confidential compliance assistance hotline at 1-800-447-2827.

The TCEQ appreciates your assistance in this matter and your compliance efforts to ensure protection of the State's environment.

Sincerely,

Mr. Kenneth Ausbie, PST Team Manager  
University of Texas / Arlington (TCEQ Contractor)

KA/SW/sw
**UTA CEN1.0.R FOR ENVIRONMENTAL EXCELLENCE**
**PST FOCUSED ENERGY ACT INVESTIGATION CHECKLIST**
**FOR THE TCEQ**

**Initials:** SW  
**Compliant**  
**Non-Compliant**  
**GPS File:** 0078262  
**Region:** 4  
**Notification Date:** 03/06/17  
**Other:**  
**Start Time:** 10:00 am  
**End Time:** 10:40 am  
**CCEDS:** By: SW  
**Investigation Date:** 03/15/17  
**Facility Thru-Put monthly avg. 195,664.33 gal(s) for all tanks over 3 month(s)**  
**Facility ID:** 78262  
**Facility RN Name:** BROOKSHIRE GROCERY 73  
**RN #:** 104850300  
**Facility Address:** 990 S PRESTON RD  
**City:** CELINA  
**Zip Code:** 75009  
**County:** COLLIN  
**Owner:** BROOKSHIRE GROCERY COMPANY  
**Phone #:** (903) 534-3395  
**CN #:** 600295745  
**Owner Address:** PO BOX 1411  
**City:** TYLER  
**Zip Code:** 75710  
**Operator:** BROOKSHIRE GROCERY COMPANY  
**Phone #:** (903) 534-3395  
**CN #:** 600295745  
**Operator Address:** PO BOX 1411  
**City:** TYLER  
**Zip Code:** 75710  
**Facility Phone #:** (972) 383-3553  
**# of Tanks:** 1  
**Tank Material:** Composite  
**Tanks:** SW  
**Capacity of Tanks:**  
- 1A 18K  
- 1C 5K dsl  
- 7K  
**Piping Material:** FRP  
**Piping:** DW  
**Tanks Contain:** □ gasoline □ diesel □ other: 09/07/2006  
**Facility Type:** □ retail □ fleet refueling □ other:  

**Investigator:** Steve Williamson  
**[OS] Present on-site (checkmark = yes)**

<table>
<thead>
<tr>
<th>Name</th>
<th>[*OS]</th>
<th>[*Role]</th>
<th>Title</th>
<th>Organization</th>
<th>Address</th>
<th>Phone</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rachel Gee</td>
<td></td>
<td></td>
<td>Dir. of Fuel Ops</td>
<td>BROOKSHIRE GROCERY COMPANY</td>
<td>1600 WSW Loop 323, Tyler, TX 75701</td>
<td>(903) 534-3395</td>
</tr>
<tr>
<td>Debbie Heintz</td>
<td></td>
<td>P</td>
<td>Manager</td>
<td>BROOKSHIRE GROCERY 73</td>
<td>Same as facility</td>
<td>(972) 383-3553</td>
</tr>
</tbody>
</table>

**Role:** Notified (N), Participated in (P); Regulated Entity Contact (REC), Regulated Entity Mail Contact (REMC) (must have REC and REMC)

<table>
<thead>
<tr>
<th>#</th>
<th>SELF CERTIFICATION Requirement</th>
<th>Investigator Notes</th>
<th>Compliant</th>
<th>Citation</th>
</tr>
</thead>
</table>
| 1 | Does the owner/operator have a current delivery certificate? | □ A Central Registry Query indicates the facility is self-certified. The delivery certificate is current with an expiration date of 01/2018 (MM/YYY).  
□ The delivery certificate has expired. The expiration date of (MM/YYY).  
- # fuel drops over ______________________ month(s)  
Notes: | Yes | 334.8(e)(5)(A)(i) - failure to have a current, valid certificate (expired).  
□ Common Carrier violation cited effective April 19, 2012? (attach checklist) |
<table>
<thead>
<tr>
<th>#</th>
<th>FINANCIAL ASSURANCE Requirement</th>
<th>Investigator Notes</th>
<th>Compliant</th>
<th>Citation</th>
</tr>
</thead>
</table>
| 2 | Can the facility demonstrate financial responsibility for taking corrective action and for compensating third parties for bodily injury and property damage caused by accidental releases? | Financial assurance is provided by:  
Name of company: AIG INSURANCE COMPANY  
Date of policy: 12/13/2016 to 12/13/2017  
Policy # O= $1 Mil A= $2 Mil  
Financial assurance was provided by self insurance in the form of: Select  
Facility does not and could not provide financial assurance. Records not available for review. Notes: | Yes | 37.815(a) and 37.815(b) – failure to provide proof of financial assurance (insurance). |

<table>
<thead>
<tr>
<th>#</th>
<th>CORROSION PROTECTION Requirement</th>
<th>Investigator Notes</th>
<th>Compliant</th>
<th>Citation</th>
</tr>
</thead>
</table>
| 3 | Is the System equipped with a corrosion protection system and complying with the requirements to ensure that releases due to corrosion are prevented? | Tanks:  
- Impressed Current System (Steel Tanks)  
  - Rectifier appears to be on: Select  
  - Appears to be working: Select  
  - 60 day checks conducted: Select  
  - *Three year test conducted: Select  
- Sacrificial/Galvanic System (Steel w/FRP)  
  - Sacrificial (galvanic) anodes present? Select  
  - Anodes appear to be functioning? Select  
  - *Three year test conducted: Select  
- Electrically Isolated in the form of:  
  - Composite Tank (Steel w/FRP)  
    - 100 mil FRP thickness? Select  
    - Jacketed Tanks  
    - Fiberglass Tanks  
    - Dual Protected (both ACT 100 and STI-P3)  
  - Tank Type:  
  - *CP test conducted? Yes  
Date: 9/21/16 (MM/DD/YYYY); (NACE#) 20000000498  
Co.: Tatz UST Management  
Piping:  
- Electrically isolated in the form of:  
  - Fiberglass Piping  
  - Flexible Piping  
  - Impressed current system (Steel Piping see/fill above)  
  - Sacrificial/Galvanic System (Steel Piping see/fill above)  
Facility did not have corrosion protection. Records not available for review. Notes: | Yes | 334.49(a)(1) – failure to have corrosion protection for the UST system. |

On 03/14/2017, Rachel Gee emailed me tank documents. They are attached.
<table>
<thead>
<tr>
<th>#</th>
<th>RELEASE DETECTION Requirement</th>
<th>Investigator Notes</th>
<th>Compliant</th>
<th>Citation</th>
</tr>
</thead>
<tbody>
<tr>
<td>4</td>
<td>ATG and Inventory Control (IC) <em>(must have both)</em></td>
<td>- IC reviewed months:  09/2016 _______ to  02/2017 _______.&lt;br&gt;- Monthly ATG tank tests (1 pass, per tank, per month) reviewed months:  09/2016 _______ to  02/2017 _______.</td>
<td>Yes</td>
<td>ATG found?  Yes&lt;br&gt;Notes:</td>
</tr>
<tr>
<td></td>
<td>Statistical Inventory Reconciliation (SIR) and IC</td>
<td>- SIR reviewed months: ______________ to ______________ by _______________________.&lt;br&gt;(Name of SIR company).&lt;br&gt;&lt;br&gt;Interstitial Monitoring</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>- Reviewed months: ______________ to ______________.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Vapor Monitoring or Groundwater Monitoring</td>
<td>- Reviewed months: ______________ to ______________ by _______________________.&lt;br&gt;(Name of testing company). <em>Site Assessment conducted?</em> Select</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>- Other:  □ Manual Monitoring (tanks &lt; 1,000 gallons only)&lt;br&gt;□ Monthly Monitoring (emergency generators only)&lt;br&gt;□ Monitoring of Secondary Containment Barriers</td>
<td>□ Facility did not have tank release detection.&lt;br&gt;□ Records not available for review.</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>- Reviewed months: ______________ to ______________.</td>
<td>Notes:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>Pressured or Suction or Gravity lines</td>
<td></td>
<td>Yes</td>
<td>334.50(b)(1)(A) – failure to have release detection for UST systems.</td>
</tr>
<tr>
<td></td>
<td>Line Leak Detector present?  Yes</td>
<td>- Mechanical LLD  □ Electronic LLD</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>□ Line Tightness Test or □ N/A (electronic LLD, Suction)</td>
<td>- Test successfully conducted on 01/06/17 (MM/DD/YYYY) by Talz UST Management</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>- Annual  □ Triennial</td>
<td>*(Name of testing company).  <em>LLD Tested?</em> Yes (see/fill above)</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>□ Monthly Monitoring (electronic LLD only)</td>
<td></td>
<td>334.50(b)(2) – failure to provide proper release detection for the piping associated UST systems.</td>
</tr>
<tr>
<td></td>
<td>- Reviewed months: ______________ to ______________.</td>
<td>□ Other Monitoring: Select</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>□ Facility did not have release detection for the piping.&lt;br&gt;□ Records not available for review.</td>
<td>Notes:</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Are the tanks monitored in a manner that will detect release at least monthly?  Submitted: (MM/DD/YYYY)

Is the piping monitored in a manner to detect a release from any portion of the piping system?  Submitted: (MM/DD/YYYY)
<table>
<thead>
<tr>
<th>#</th>
<th>SPILL CONTAINMENT &amp; OVERFILL PREVENTION Requirement</th>
<th>Investigator Notes</th>
<th>Compliant</th>
<th>Citation</th>
</tr>
</thead>
<tbody>
<tr>
<td>6</td>
<td>Was the UST system equipped with spill and overfill prevention equipment that is functional?</td>
<td>Yes</td>
<td>334.51(b) (2) – failure to equip all USTs with spill and overfill prevention equipment.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>□ Requested</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>□ Submitted: (MM/DD/YYYY)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>□ Facility has no spill and no overfill prevention equipment.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>□ Records not available for review (ball-floats)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Notes: on 03/14/2017, Rachel Gee emailed me ball float verification. It is attached.</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>#</th>
<th>RELEASE REPORTING Requirement</th>
<th>Investigators Notes</th>
<th>Compliant</th>
<th>Citation</th>
</tr>
</thead>
<tbody>
<tr>
<td>7</td>
<td>If there was any suspected release, was it reported and investigated?</td>
<td>N/A</td>
<td>334.74 – failure to conduct release investigation and confirmation steps within 30 days of discovery of suspected release.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>□ Requested</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>□ Submitted: (MM/DD/YYYY)</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>#</th>
<th>RECORD Requirement</th>
<th>Investigators Notes</th>
<th>Compliant</th>
<th>Citation</th>
</tr>
</thead>
<tbody>
<tr>
<td>8</td>
<td>Is the facility maintaining records to allow the investigator to perform regulatory oversight and/or determine compliance status?</td>
<td>Yes</td>
<td>334.10 (b)(1)(B) – failure to maintain legible copies of all required records pertaining to an UST system in a secure location on the premises of the facility, immediately available for inspection by Commission personnel.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Facility maintained records for compliance status.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Investigator not able to review records. Facility failed to keep required and legal copies of the following documents (please specify):</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>□ Release Detection Tanks:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>□ Release Detection Piping:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>□ Corrosion Protection:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>□ Overfill: ball float verification for:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>□ Financial Assurance:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>□ Other:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Notes:</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Communication History:

Date: 03/06/2017  Name: Rachel Gee  Type: Email Notification

Date: 03/14/2017  Name: Rachel Gee  Type: Emailed compliance docs

Documentation/Photographs Attached:

1. Tank documents emailed to me by Rachel Gee on 03/14/2017
2. Ball float verification emailed to me by Rachel Gee on 03/14/2017
3.
4.
5.

Notes: Operator Training Present? 🟢 Name: Chris Jennings  TPCMCSA 07/9/2015
Rachel Gee  TPCMCSA  08/12/2015

Issues for Attention of Regional Office:

☐ Final review of checklist conducted before signing.  Investigator Signature: 
☐ File uploaded into DED.

4
# Significant Operational Compliance (SOC) Checklist

**Regulated Entity Name:** BROOKSHIRE GROCERY 73  
**Date:** 03/15/17  
**Additional ID:** 78262  
**Investigator Name:** Steve Williamson

## Release Prevention Compliance Measures Matrix

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Description</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Spill Prevention device is present and functional?</td>
<td>Yes</td>
</tr>
<tr>
<td>2</td>
<td>Overfill prevention device is present and operational?</td>
<td>Yes</td>
</tr>
<tr>
<td>3</td>
<td>Repaired USTs and piping were tightness tested within 30 days of repair completion (not required with internal inspection or if monthly monitoring is used).</td>
<td>N/A</td>
</tr>
<tr>
<td>4</td>
<td>Cathodic protection system was tested/inspected within 6 months of repair of any cathodically protected UST system.</td>
<td>N/A</td>
</tr>
<tr>
<td>5</td>
<td>Corrosion protection system is properly operated and maintained to provide continuous protection.</td>
<td>Yes</td>
</tr>
<tr>
<td>6</td>
<td>UST systems with impressed current cathodic protection are inspected every 60 days.</td>
<td>N/A</td>
</tr>
<tr>
<td>7</td>
<td>Lined USTs are inspected periodically and lining is in compliance</td>
<td>N/A</td>
</tr>
<tr>
<td>8</td>
<td>Buried metal UST and piping components are isolated from the soil or cathodically protected.</td>
<td>INDETERMINATE</td>
</tr>
</tbody>
</table>

**A9** Is the Facility SOC with release prevention (If ANY of the answers in this section are "NO", this answer must be "NO").

Yes

## Release Detection Compliance Measures Matrix

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Description</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Release detection method is present</td>
<td>Yes</td>
</tr>
<tr>
<td>2</td>
<td>Release detection system is operating properly (able to detect a release from any portion of system that routinely contains product)</td>
<td>Yes</td>
</tr>
<tr>
<td>3</td>
<td>Release detection meets performance standards in 40 CFR 280.43 or 40 CFR 280.44 (30 TAC 334.50)</td>
<td>Yes</td>
</tr>
<tr>
<td>4</td>
<td>TCEQ has been notified of a suspected release as required (if applicable)</td>
<td>N/A</td>
</tr>
<tr>
<td>5</td>
<td>USTs and piping are monitored monthly for releases and records are available</td>
<td>Yes</td>
</tr>
<tr>
<td>6</td>
<td>Hazardous substance UST system leak detection meets requirements in 40 CFR 280.42(b) (from 40 CFR 280.12: Hazardous substance UST system means an underground storage tank system that contains a hazardous substance defined in section 101(14) of the Comprehensive Environmental Response, Compensation and Liability Act of 1980 (but not including any substance regulated as a hazardous waste under subtitle C) or any mixture of such substances and petroleum, and which is not a petroleum UST system)</td>
<td>N/A</td>
</tr>
</tbody>
</table>

**B8** Facility is SOC with release detection (If ANY of the above answers in this section are "NO", this answer MUST be "NO")

Yes

## Overall SOC

**C1** Facility is SOC (If EITHER A9 or B8 answers are "NO", this answer MUST be "NO")

Yes
<table>
<thead>
<tr>
<th>QTY. ORD'D</th>
<th>QTY. SHPD</th>
<th>DESCRIPTION</th>
<th>UNIT</th>
<th>PRICE</th>
<th>AMOUNT</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1</td>
<td>ITEMS BELOW ARE SHIPPED W/ORDER @ NO EXTRA COST:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>1-TOUCH UP KIT</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>1-GAUGE STICK</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>2-INSTALL INSTRUCTIONS</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>3-TANK CHARTS</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>8-126&quot; NYLON HD STRAPS</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>&quot;LOT# 150251201&quot;</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>15032-126-30000</td>
<td></td>
<td>30000 GAL DUAL PROTECTED ACT100/STIP3 SINGLE WALL</td>
<td>EA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>126&quot; DIA X 47' LG</td>
<td></td>
<td>3-COMPT. 18000/7000/5000</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>UL#P442202 Act#52896</td>
<td></td>
<td>P3# 270003</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>*SHIPPED W/AIR 3# FSIG PER COMPARTMENT</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>FREIGHT CHARGE</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

CUST PHONE: (214) 340-9800
FAX: (214) 340-9100

TOTAL WEIGHT .00
January 6, 2014
Brookshire Grocery Company
Rachel Gee.
1600 SSW Loop 323
Tyler, Texas 75710

Underground Storage Tank System
Cathodic Protection System Evaluation Report

<table>
<thead>
<tr>
<th>TANK SYSTEM LOCATION</th>
<th>Reason for Test:</th>
</tr>
</thead>
<tbody>
<tr>
<td>BGC #303</td>
<td>Tri-Annual Survey</td>
</tr>
<tr>
<td>990 S. Preston Rd</td>
<td></td>
</tr>
<tr>
<td>Celina, TX 75009</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Tank System Description:</th>
<th>Type OF CATHODIC Protection:</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-3 Compartment tanks, 3-STP's and 4-Disp</td>
<td>Galvanic</td>
</tr>
</tbody>
</table>

Survey - Passed
The cathodic protection system was surveyed on Jan.6, 2014 under the direct supervision of David McKamie, NACE Certified Corrosion Tester #24776, in accordance with NACE International RP-0285 and state regulations. The data collected during this survey is provided on the attached sheets. The evaluation included consideration of the following:
- Electrical Continuity or isolation as needed for the type of system installed.
- Structure to Soil Potential Measurement comparison to established criteria.
- Possible stray current or interference corrosion conditions.

The cathodic protection system(s) at this location Does Meet NACE criteria for effective corrosion control therefore are in compliance with state and federal regulations.

Recommendations
1. Continued periodic inspections of the cathodic protection system by a corrosion professional are recommended to ensure effective corrosion control. State law requires this inspection to be performed every three (3) years or 6 months after a repair.
2. Owner should confirm operational status at least once in 60 days by:
   - Visual inspection of all accessible components for physical damage or deterioration.

RESURVEY BY: Jan, 2017

Reviewed By: [Signature] Date Inspected: 1/24/2014 DATZ Job#
# Table 1

**Cathodic Protection System Re-Survey Field Data**

<table>
<thead>
<tr>
<th>No.</th>
<th>Location/Description</th>
<th>Structure-To-Soil Potential (millivolts)</th>
<th>Local Reference Electrode</th>
<th>Negative Lead to structure (Recorded in Millivolts)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Native (1)</td>
<td>On (2)</td>
<td>I-Off (3)</td>
</tr>
<tr>
<td>1</td>
<td>Unleaded #1</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Tank Bottom</td>
<td>- .977</td>
<td>- .916</td>
<td>-1.045</td>
</tr>
<tr>
<td></td>
<td>Fill Tube</td>
<td>- .916</td>
<td>- .916</td>
<td>-1.045</td>
</tr>
<tr>
<td></td>
<td>ATG Riser</td>
<td>-1.045</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>STP</td>
<td>- .328</td>
<td>- .965</td>
<td>- .851</td>
</tr>
<tr>
<td></td>
<td>Tank Shell</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Unleaded #2</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Tank Bottom</td>
<td>- .984</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Fill Tube</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>ATG Riser</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>STP</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Tank Shell</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>Premium</td>
<td></td>
<td></td>
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</tr>
<tr>
<td></td>
<td>Tank Bottom</td>
<td>- .976</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Fill Tube</td>
<td>- .901</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>ATG Riser</td>
<td>- .916</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>STP</td>
<td>- .336</td>
<td></td>
<td>-1.122</td>
</tr>
<tr>
<td>4</td>
<td>Diesel</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Tank Bottom</td>
<td>- .946</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Fill Tube</td>
<td>- .894</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>ATG Riser</td>
<td>- .977</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>STP</td>
<td>- .384</td>
<td></td>
<td>- .998</td>
</tr>
<tr>
<td></td>
<td>Tank Shell</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

$ΔE$ is not required if I-Off potential is -850 millivolts or greater (more negative)

(1) Native – Baseline potential prior to application of cathodic protection
(2) On – Potential with cathodic protection current applied
(3) I-Off – Instant off potential with cathodic protection temporarily interrupted
(4) $ΔE$ – Cathodic polarization [(I-Off) – (Native)]
<table>
<thead>
<tr>
<th>No.</th>
<th>Location/Description</th>
<th>Structure-To-Soil Potential (Volts)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Local Reference Electrode</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Native (1) ON (2) I-Off (3) ΔE (4)</td>
</tr>
<tr>
<td>1</td>
<td>Unleaded #1</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Tank Bottom</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Fill Tube</td>
<td></td>
</tr>
<tr>
<td></td>
<td>ATG Riser</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Sub Piping</td>
<td>-0.890V</td>
</tr>
<tr>
<td></td>
<td>Tank Shell</td>
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</tr>
<tr>
<td>2</td>
<td>Premium</td>
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<td></td>
<td>Tank Bottom</td>
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<td></td>
<td>Fill Tube</td>
<td></td>
</tr>
<tr>
<td></td>
<td>ATG Riser</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Sub Piping</td>
<td>-1.393V</td>
</tr>
<tr>
<td></td>
<td>Tank Shell</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>Diesel</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Tank Bottom</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Fill Tube</td>
<td></td>
</tr>
<tr>
<td></td>
<td>ATG Riser</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Sub Piping</td>
<td>-1.040V</td>
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<tr>
<td></td>
<td>Dispenser Piping</td>
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<td></td>
<td>Piping</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Piping</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Piping</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Piping</td>
<td></td>
</tr>
</tbody>
</table>

(1) Native – Baseline potential prior to application of cathodic protection
(2) ON – Potential with cathodic protection current applied
(3) I-Off – Instant off potential with cathodic protection temporarily interrupted
(4) ΔE – Cathodic polarization [(I-Off) – (Native)]

Note: ΔE is not required if I-Off potential is -850 millivolts or greater (more negative)
Testing Cover Page

01/06/2014

INC# BGC #303

990 S. Preston Rd.

Cellina, Texas 75009

Testing Completed

CP Survey

Performing Technician

Technician: Stevo Sweatt
Cert: 2000000488

RESULTS:

PASSED

This is to certify that tests identified above were conducted at BGC #303 on 01/06/2014

These test results are true and accurate to the best of my knowledge.

Signature:
Date: 09/21/2016
Brookshire Grocery Company
Rachel Gee
1600 SSW Loop 323
Tyler, TX 75701

Underground Storage Tank System
Cathodic Protection System Evaluation Report

<table>
<thead>
<tr>
<th>TANK SYSTEM LOCATION</th>
<th>REASON FOR SURVEY</th>
</tr>
</thead>
<tbody>
<tr>
<td>BGC #303</td>
<td>TRI-Annual Testing</td>
</tr>
<tr>
<td>675 Sunset Blvd.</td>
<td></td>
</tr>
<tr>
<td>Celina, TX 75009</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Tank System Description</th>
<th>Type of Cathodic Protection</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 ACT 100 Tank</td>
<td>Galvanic</td>
</tr>
<tr>
<td>3 STP's,</td>
<td></td>
</tr>
<tr>
<td>And FRP Piping</td>
<td></td>
</tr>
</tbody>
</table>

Survey -
The cathodic protection system was surveyed on 09/21/2016 under the direct supervision of David McKamie, NACE Certified Corrosion Tester #24778, in accordance with NACE International RP-0265 and state regulations. The data collected during this survey is provided on the attached sheets. The evaluation included consideration of the following:
- Electrical Continuity or Isolation as needed for the type of system installed.
- Structure to Soil Potential Measurement comparison to established criteria.
- Possible stray current or interference corrosion conditions.

The cathodic protection system(s) at this location Does Meet criteria for effective corrosion control therefore are in compliance with state and federal regulations.

Recommendations
1. Continued periodic inspections of the cathodic protection system by a corrosion professional are recommended to ensure effective corrosion control. State law requires this inspection to be performed every three (3) years or 6 months after a repair.
2. Owner should confirm operational status at least once in 60 days) by:
   - Visual inspection of all accessible components for physical damage or deterioration.

RESURVEY BY: 09/21/2019

Reviewed By: ____________________________ Date Inspected: 09/21/2016  DATZ Job#_________________
## Tank Data Sheet

<table>
<thead>
<tr>
<th>Install Date:</th>
<th>Tank #1</th>
<th>Tank #2</th>
<th>Tank #3</th>
<th>Tank #4</th>
<th>Tank #5</th>
<th>Tank #6</th>
<th>Tank #7</th>
<th>Tank #8</th>
</tr>
</thead>
<tbody>
<tr>
<td>Product ID:</td>
<td>UNL</td>
<td>PRM</td>
<td>DSL</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Capacity:</td>
<td>13.946</td>
<td>4.117</td>
<td>3.289</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Diameter:</td>
<td>126</td>
<td>126</td>
<td>126</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Manifolded (Identify)</td>
<td>PV Cap</td>
<td>PV Cap</td>
<td>N/A</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Last .01 Test Date:</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Compartimentalized: Identify A,B,C...</td>
<td>A</td>
<td>B</td>
<td>C</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Material of Construction:</td>
<td>fiberglass</td>
<td>fiberglass</td>
<td>fiberglass</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lined/Date:</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Last Internal Inspection/due date:</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Single/Double Wall Construction:</td>
<td>DBL</td>
<td>DBL</td>
<td>DBL</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Corrosion Protection Method:</td>
<td>Isolated</td>
<td>Isolated</td>
<td>Isolated</td>
<td></td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>ATG Monitoring? Brand/Model?</td>
<td>Veeder Root</td>
<td>Veeder Root</td>
<td>Veeder Root</td>
<td></td>
<td></td>
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<td></td>
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<tr>
<td>Interstitial Monitoring? Style?</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Spill Prevention / Model / Size</td>
<td>OPW/5</td>
<td>OPW/5</td>
<td>OPW/5</td>
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<td></td>
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<tr>
<td>Tight Fill Adaptor / Type</td>
<td>Swivel</td>
<td>Swivel</td>
<td>Swivel</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Adaptor Cap / Type</td>
<td>Standard</td>
<td>Standard</td>
<td>Standard</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Drop Tube?</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Overfill Protection / Method</td>
<td>Ball Valve</td>
<td>Ball Valve</td>
<td>Ball Valve</td>
<td></td>
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<tr>
<td>Vapor Recovery Dry Break / Type</td>
<td>Swivel</td>
<td>Swivel</td>
<td>Swivel</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Vapor Recovery Dry Break Cap?</td>
<td>Standard</td>
<td>Standard</td>
<td>Standard</td>
<td></td>
<td></td>
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<td>Vent Line Height?</td>
<td>3ft</td>
<td>3ft</td>
<td>N/A</td>
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<td></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Vent Cap? Style?</td>
<td>PV Cap</td>
<td>PV Cap</td>
<td>Standard</td>
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<td></td>
<td></td>
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<td></td>
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<tr>
<td>Containment Style? Liner/Vault</td>
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<td>N/A</td>
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</tbody>
</table>

### Comments:

## Tank Pad Information Sheet

<table>
<thead>
<tr>
<th>Number or Location of Tank Hold</th>
<th>Tank #1</th>
<th>Tank #2</th>
<th>Tank #3</th>
<th>Tank #4</th>
<th>Tank #5</th>
<th>Tank #6</th>
<th>Tank #7</th>
<th>Tank #8</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of Access Points Per Tank:</td>
<td>4</td>
<td>4</td>
<td>2</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cathodic Protection Access Point?</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Observation Wells Location/Number</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Comments:
Testing Cover Page  
9/21/2016  
INCH  
BGC #303  
675 Sunset Blvd.  
Celina, TX 75009

Testing Completed  
Annual ATG, CP Survey  
and Compliance Audit

Performing Technicians  
Technician: Steve Sweatt  
Cert #: e40dffe9 6/11/2017  
Austin McKamie

Test Result:  
Passed

This is to certify that tests identified above were conducted at BGC #303  
These test results are true and accurate to the best of my knowledge.

Signature: [Signature]

4427 Hwy 60 E.  
Bigelow, AR 72016  
Phone: 855-318-9878  
Fax: 855-280-0257  
www.dataust.com
FW: Site 303 for Wednesday March 15 10am

Rachel Gee rachelgee@brookshires.com
Tue 3/14/2017 9:56 AM

To: Williamson, Steve;

You replied on 3/14/2017 10:01 AM.

21 attachments

Good Morning Steve,
Attached you will find the paperwork for Celina.
I am planning to be there tomorrow at 10am for the inspection.
Please let me know if you need anything else from us.
See you tomorrow.

Rachel Gee
Brookshire Grocery Company
Director of Fuel Operations
rachelgee@brookshires.com

BGC Mission Statement:
Making our communities better through our people, our products, our stores and our service.

Confidentiality Notice: The information contained in this email message, including any attachments, is for the sole use of the intended recipient(s) and may contain confidential, privileged, and proprietary information of Brookshire Grocery Company. Any unauthorized use, disclosure, distribution, or copying of this message, including any attachments, is strictly prohibited. If you are not the intended recipient, or an agent responsible for delivering it to the intended recipient, please immediately notify the sender by reply email and delete the message, including any attachments, and destroy all copies thereof.
<table>
<thead>
<tr>
<th>Facility ID No.:</th>
<th>78262</th>
<th>Regulated Entity:</th>
<th>Brookshire Grocery 73</th>
</tr>
</thead>
<tbody>
<tr>
<td>Investigation Date:</td>
<td>03/15/2017</td>
<td>Photographer:</td>
<td>Steve Williamson</td>
</tr>
<tr>
<td>County:</td>
<td>Collin</td>
<td>COMMENT: Facility from the West</td>
<td></td>
</tr>
<tr>
<td>PHOTO #1</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<p>| COMMENT: Tax Permit | PHOTO # 2 |</p>
<table>
<thead>
<tr>
<th>Facility ID No.:</th>
<th>78262</th>
<th>Regulated Entity:</th>
<th>Brookshire Grocery 73</th>
</tr>
</thead>
<tbody>
<tr>
<td>Investigation Date:</td>
<td>03/15/2017</td>
<td>Photographer:</td>
<td>Steve Williamson</td>
</tr>
<tr>
<td>County:</td>
<td>Collin</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**COMMENT:** Tax Permit and Lottery License

**PHOTO #3**

**COMMENT:** ATG

**PHOTO #4**
<table>
<thead>
<tr>
<th>Facility ID No.:</th>
<th>78262</th>
<th>Regulated Entity:</th>
<th>Brookshire Grocery 73</th>
</tr>
</thead>
<tbody>
<tr>
<td>Investigation Date:</td>
<td>03/15/2017</td>
<td>Photographer:</td>
<td>Steve Williamson</td>
</tr>
<tr>
<td>County:</td>
<td>Collin</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**COMMENT:** RUL Spill bucket

**PHOTO #5**

**COMMENT:** RUL Spill bucket

**PHOTO #6**
**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.**

### 1. TANK OWNER INFORMATION

| TANK OWNER BUSINESS OR LAST NAME: | Brookshires Grocery Co |
| TANK OWNER FIRST NAME: | |
| OWNER MAILING ADDRESS: | 1600 WSW Loop 323 |
| CITY: | Tyler |
| STATE: | TX |
| ZIP CODE: | 75701 |
| COUNTRY (OUTSIDE USA): | rachelgee@brookshires.com |
| OWNER'S AUTHORIZED REPRESENTATIVE: | Rachel Gee, Dir of Fuel Ops |
| TITLE: | 903-534-3395 |
| TELEPHONE NO.: | 903-266-2437 |
| DUNS NO.: | |
| NUMBER OF EMPLOYEES: | |

### 2. FACILITY INFORMATION

| FACILITY NAME: | BROOKSHIRES GROCERY CO #303 |
| PHYSICAL LOCATION: | 990 S PRESTON ROAD |
| CITY: | CELINA |
| ZIP CODE: | 75009 |
| COUNTY: | Collin |

| TITLE: | Store Director |
| TELEPHONE NO.: | 903-874-7434 |
| E_MAIL ADDRESS: | |
| FAX NUMBER: | |

| LATITUDE: | |
| LONGITUDE: | |

### 3. TANK OPERATOR INFORMATION

* "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.: | (Assigned by TCEQ) |
| TANK OPERATOR NAME: | (DO NOT LIST EMPLOYEES OF OPERATOR) |
| MAILING ADDRESS: | |
| CITY: | |
| STATE: | |
| ZIP CODE: | |
| OPERATOR'S AUTHORIZED REPRESENTATIVE: | |
| TITLE: | |
| TELEPHONE NO.: | |

**Date listed person became operator:**

**RECEIVED APR 28 2017**
TCEQ- UST REGISTRATION & SELF-CERTIFICATION FORM

***MAKE A COPY OF FORM FOR YOUR RECORDS***

For Self-Certification Annual Renewal, Sections 1 thru 10 must be completed. If there is a change of ownership along with the renewal of the delivery certificate, Sections 1 thru 10 & 12 must be completed.

For Initial Registration, Sections 1 thru 13, the complete form must be completed.

For data verification purposes, please check our IWR (Integrated web reporting) web page www15.tceq.texas.gov/crpub/index.cfm?fuseaction=regent.RNSearch

If you have any questions on how to fill out this form or about the PST Registration program, please contact us at 512/239-2160.

Individuals are entitled to request and review their personal information that the agency gathers on its forms. They may also have any errors in their information corrected. To review such information, contact us at 512-239-2160.

4. REASON FOR THIS FILING

PART A). UST REGISTRATION INFORMATION  (Mark all that apply):

- Initial Registration
- UST Ownership Change (New Owner indicate effective date :)
- Amendment of:
  - Owner Information
  - Operator Information
  - UST System Information
  - Financial Assurance Information
- Operator Training
- Other (specify):
  - Making change to technical info-tank & piping release detection section

PART B). UST COMPLIANCE SELF-CERTIFICATION INFORMATION  (Mark all that apply):

- Initial Certification at Facility (Including Tank Ownership Change)
- New Tank at Facility
- Annual Renewal
- Other (specify):

5. TCEQ PROGRAMS IN WHICH THIS REGULATED ENTITY PARTICIPATES

Check all Programs and write in the permits/registration numbers that will be affected by the updates submitted on this form or the updates may not be made. If the program is not listed, check other and write it in.

- Animal Feeding Operation
- Dam Safety
- Districts
- Industrial & Hazardous Waste
- Municipal Solid Waste
- New Source Review - Air
- OSSF
- Petroleum Storage Tank
- Sludge
- Stormwater
- Tires
- Title V - Air
- Utilities
- Voluntary Cleanup Program
- Wastewater Agriculture
- Wastewater Permit
- Water Districts
- Water Rights
- Water Utilities
- Other
- Other
- Unknown
- Licensing - Type(s)

6. OPERATOR TRAINING

Each class of operator – Class A, Class B, and Class C shall be trained and certified in accordance with Title 30, TAC 334 Subchapter N. Class A and Class B Operators must ensure that training certificates are maintained at each facility. A copy of the initial or new certificate must also be provided to the TCEQ with their annual self certification starting August 8, 2012. All classes of operators must be retrained within three years of their training date.

As of the signature date on this form, this site is in compliance with all Class A, B, and C UST facility operator training □ Yes □ No

Class A Operator (Exactly as it appears on certificate)

First Name
Training Provider
Date of Training

Class B Operator – Check Box if Same as Class A Operator

First Name
Training Provider
Date of Training
TCEQ Facility ID No. 78262

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 NO, 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?
  - [ ]

FACILITY FEES
- For regulated UST systems at the facility indicated below, have all facility fees billed to date the current owner been paid in full (i.e., annual fees plus all late fees, penalties, & interest)? (Does not apply to common carrier railroads)
  - [ ]

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?
  - [ ]

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 Variance 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 NO response indicates that recordkeeping requirements and reporting duties have been met for 60 days prior to and including the date of certification.)
  - [ ]

I am certifying that the following UST systems at this facility are in compliance:
- Tank ID #s [ ] as numbered on Pages 4 and 5 of this 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 Amount: Occurrence $ [ ]
Annual Aggregate $ [ ]

Insurance Premium pre-paid for entire year?*** [ ] Yes [ ] No*** For information purposes only

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)

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)

Signature of Owner/Operator (or Authorized Representative)

DATE OF SIGNATURE (PLEASE PRINT)

TCEQ-0724 (Rev. 1/2016)

PST Rules are located in Title 30 TAC, Chapter 334
Page 3 of 5
## 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.:**

**INDIVIDUAL INSTALLER/ON-SITE SUPERVISOR:**

**TCEQ ILP No.:**

- 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**

---

## 12. TANK IDENTIFICATION/DESCRIPTION

<table>
<thead>
<tr>
<th>Tank Identification</th>
<th>Number each tank compartment at your site consistent with Rule 334.8(c)(5)(C).</th>
</tr>
</thead>
<tbody>
<tr>
<td>1A</td>
<td>1B</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Tank Installation Date (Month/day/year)</th>
<th>09/07/2006</th>
<th>09/07/2006</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Tank Capacity (in U.S. gallons)</th>
<th>18,000</th>
<th>7,000</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Tank Status (Mark One Status &amp; Indicate Date, if Applicable)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-Currently in Use</td>
</tr>
<tr>
<td>2-Temporarily out of service (date)</td>
</tr>
<tr>
<td>- Meets TCEQ Definition of Empty? - Yes or No</td>
</tr>
<tr>
<td>3-Perm.filled in place w/ sand, concrete, etc. (date)</td>
</tr>
<tr>
<td>4-Permanently removed from the ground (date)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Current/Last Substance Stored (Mark All that Apply)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-Gasoline</td>
</tr>
<tr>
<td>2-Diesel</td>
</tr>
<tr>
<td>3-Kerosene</td>
</tr>
<tr>
<td>4-Used Oil</td>
</tr>
<tr>
<td>5-New Oil</td>
</tr>
<tr>
<td>6-Other Petroleum Substance (specify)</td>
</tr>
<tr>
<td>7a-CERCLA Hazardous Substance (specify)</td>
</tr>
<tr>
<td>7b-Chemical Abstract Service (CAS) No.</td>
</tr>
<tr>
<td>7c-Hazardous Substances Mixture (specify)</td>
</tr>
<tr>
<td>8-Petroleum/Hazardous Substances Mixture (specify)</td>
</tr>
</tbody>
</table>

---

## 13. UST SYSTEM TECHNICAL INFORMATION

<table>
<thead>
<tr>
<th>Tank &amp; Piping Design (Mark One for Tank &amp; Piping)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-Single-Wall</td>
</tr>
<tr>
<td>2-Double-Wall</td>
</tr>
<tr>
<td>External Containment (Mark all that apply)</td>
</tr>
<tr>
<td>3-Factory-Built Nonmetallic Jacket</td>
</tr>
<tr>
<td>4a-Synthetic Tank-Pit/Piping-Trench Liner</td>
</tr>
<tr>
<td>4b-Tank Vault/Rigid Trench Liner</td>
</tr>
<tr>
<td>Type of Piping (Mark One)</td>
</tr>
<tr>
<td>5a-Pressurized</td>
</tr>
<tr>
<td>5b-Suction</td>
</tr>
<tr>
<td>5c-Gravity</td>
</tr>
<tr>
<td>Tank Internal Protection</td>
</tr>
<tr>
<td>6-Internal Tank Lining (Indicate date)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Tank &amp; Piping Design</th>
<th>Tank</th>
<th>Piping</th>
<th>Tank</th>
<th>Piping</th>
<th>Tank</th>
<th>Piping</th>
<th>Tank</th>
<th>Piping</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-</td>
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<td></td>
<td>1-</td>
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<td>1-</td>
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<td>1-</td>
<td></td>
</tr>
<tr>
<td>2-</td>
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<td>2-</td>
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<td>3-</td>
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<td>3-</td>
<td></td>
</tr>
<tr>
<td>4a-</td>
<td></td>
<td></td>
<td>4a-</td>
<td></td>
<td>4a-</td>
<td></td>
<td>4a-</td>
<td></td>
</tr>
<tr>
<td>4b-</td>
<td></td>
<td></td>
<td>4b-</td>
<td></td>
<td>4b-</td>
<td></td>
<td>4b-</td>
<td></td>
</tr>
<tr>
<td>5a-</td>
<td></td>
<td></td>
<td>5a-</td>
<td></td>
<td>5a-</td>
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<td>5a-</td>
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<td>5b-</td>
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<td>5b-</td>
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<td>5b-</td>
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</tr>
<tr>
<td>5c-</td>
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<td>5c-</td>
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<td>5c-</td>
<td></td>
<td>5c-</td>
<td></td>
</tr>
</tbody>
</table>

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TCEQ-0724 (Rev. 1/2016)

PST Rules are located in Title 38 TAC, Chapter 334
### Tank Identification (e.g., 1, 2, 3, 4, etc.)

<table>
<thead>
<tr>
<th>Tank &amp; Piping Materials (Mark all that apply)</th>
<th>Tank</th>
<th>Piping</th>
<th>Tank</th>
<th>Piping</th>
<th>Tank</th>
<th>Piping</th>
<th>Tank</th>
<th>Piping</th>
<th>Tank</th>
<th>Piping</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-Steel</td>
<td>1</td>
<td>□</td>
<td>1</td>
<td>□</td>
<td>1</td>
<td>□</td>
<td>1</td>
<td>□</td>
<td>1</td>
<td>□</td>
</tr>
<tr>
<td>2-FRP (fiberglass-reinforced plastic)</td>
<td>2</td>
<td>□</td>
<td>2</td>
<td>□</td>
<td>2</td>
<td>□</td>
<td>2</td>
<td>□</td>
<td>2</td>
<td>□</td>
</tr>
<tr>
<td>3-Composite tank (steel w/external FRP cladding)</td>
<td>3</td>
<td>□</td>
<td>3</td>
<td>□</td>
<td>3</td>
<td>□</td>
<td>3</td>
<td>□</td>
<td>3</td>
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</tr>
<tr>
<td>4-Concrete</td>
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<td>4</td>
<td>□</td>
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<td>□</td>
<td>4</td>
<td>□</td>
<td>4</td>
<td>□</td>
</tr>
<tr>
<td>5a-Jacketed (steel w/external nonmetallic jacket)</td>
<td>5a</td>
<td>□</td>
<td>5a</td>
<td>□</td>
<td>5a</td>
<td>□</td>
<td>5a</td>
<td>□</td>
<td>5a</td>
<td>□</td>
</tr>
<tr>
<td>5b-Coated (steel w/external polyurethane cladding)</td>
<td>5b</td>
<td>□</td>
<td>5b</td>
<td>□</td>
<td>5b</td>
<td>□</td>
<td>5b</td>
<td>□</td>
<td>5b</td>
<td>□</td>
</tr>
<tr>
<td>5c-Nonmetallic flexible piping</td>
<td>5c-N/A</td>
<td>□</td>
<td>5c-N/A</td>
<td>□</td>
<td>5c-N/A</td>
<td>□</td>
<td>5c-N/A</td>
<td>□</td>
<td>5c-N/A</td>
<td>□</td>
</tr>
<tr>
<td><strong>Piping Connectors &amp; Valves (Mark all that apply)</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>6-Shear/Impact Valves (under dispenser)</td>
<td>6-N/A</td>
<td>□</td>
<td>6-N/A</td>
<td>□</td>
<td>6-N/A</td>
<td>□</td>
<td>6-N/A</td>
<td>□</td>
<td>6-N/A</td>
<td>□</td>
</tr>
<tr>
<td>7-Steel swing-joints (at ends of piping)</td>
<td>7-N/A</td>
<td>□</td>
<td>7-N/A</td>
<td>□</td>
<td>7-N/A</td>
<td>□</td>
<td>7-N/A</td>
<td>□</td>
<td>7-N/A</td>
<td>□</td>
</tr>
<tr>
<td>8-Flexible connectors (at ends of piping)</td>
<td>8-N/A</td>
<td>□</td>
<td>8-N/A</td>
<td>□</td>
<td>8-N/A</td>
<td>□</td>
<td>8-N/A</td>
<td>□</td>
<td>8-N/A</td>
<td>□</td>
</tr>
<tr>
<td><strong>Tank/Piping Corrosion Protection (Mark all that apply)</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1-External dielectric coating/laminate/tape/</td>
<td>1</td>
<td>□</td>
<td>1</td>
<td>□</td>
<td>1</td>
<td>□</td>
<td>1</td>
<td>□</td>
<td>1</td>
<td>□</td>
</tr>
<tr>
<td>2a-Listed/certified factory-installed cathodic protection</td>
<td>2a</td>
<td>□</td>
<td>2a</td>
<td>□</td>
<td>2a</td>
<td>□</td>
<td>2a</td>
<td>□</td>
<td>2a</td>
<td>□</td>
</tr>
<tr>
<td>2b-Certified field-installed cathodic protection</td>
<td>2b</td>
<td>□</td>
<td>2b</td>
<td>□</td>
<td>2b</td>
<td>□</td>
<td>2b</td>
<td>□</td>
<td>2b</td>
<td>□</td>
</tr>
<tr>
<td>3a-Listed composite tank (steel w/FRP external laminate)</td>
<td>3a</td>
<td>□</td>
<td>3a</td>
<td>□</td>
<td>3a</td>
<td>□</td>
<td>3a</td>
<td>□</td>
<td>3a</td>
<td>□</td>
</tr>
<tr>
<td>3b-Listed coated tank (steel w/external polyurethane laminate)</td>
<td>3b</td>
<td>□</td>
<td>3b</td>
<td>□</td>
<td>3b</td>
<td>□</td>
<td>3b</td>
<td>□</td>
<td>3b</td>
<td>□</td>
</tr>
<tr>
<td>4a-Listed FRP tank or piping (non-corrosible)</td>
<td>4a</td>
<td>□</td>
<td>4a</td>
<td>□</td>
<td>4a</td>
<td>□</td>
<td>4a</td>
<td>□</td>
<td>4a</td>
<td>□</td>
</tr>
<tr>
<td>4b-Listed nonmetallic flexible piping (non-corrosible)</td>
<td>4b-N/A</td>
<td>□</td>
<td>4b-N/A</td>
<td>□</td>
<td>4b-N/A</td>
<td>□</td>
<td>4b-N/A</td>
<td>□</td>
<td>4b-N/A</td>
<td>□</td>
</tr>
<tr>
<td>5a-Listed/certified external nonmetallic jacket</td>
<td>5a</td>
<td>□</td>
<td>5a</td>
<td>□</td>
<td>5a</td>
<td>□</td>
<td>5a</td>
<td>□</td>
<td>5a</td>
<td>□</td>
</tr>
<tr>
<td>5b-Listed/certified external nonmetallic jacket</td>
<td>5b-N/A</td>
<td>□</td>
<td>5b-N/A</td>
<td>□</td>
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<td>□</td>
<td>5b-N/A</td>
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</tr>
<tr>
<td>6-Dual protected</td>
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<td>□</td>
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<tr>
<td>7-Unnecessary per corrosion protection specialist</td>
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</tr>
<tr>
<td><strong>Tank &amp; Piping Release Detection (Mark all that apply)</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1-External vapor/tracer monitoring</td>
<td>1</td>
<td>□</td>
<td>1</td>
<td>□</td>
<td>1</td>
<td>□</td>
<td>1</td>
<td>□</td>
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<td>□</td>
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<tr>
<td>2-External groundwater monitoring</td>
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<td>□</td>
<td>2</td>
<td>□</td>
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<td>□</td>
</tr>
<tr>
<td>3-Monitoring of secondary containment barrier</td>
<td>3</td>
<td>□</td>
<td>3</td>
<td>□</td>
<td>3</td>
<td>□</td>
<td>3</td>
<td>□</td>
<td>3</td>
<td>□</td>
</tr>
<tr>
<td>4-Automatic tank gauge test &amp; inventory control</td>
<td>4</td>
<td>□</td>
<td>4</td>
<td>□</td>
<td>4</td>
<td>□</td>
<td>4</td>
<td>□</td>
<td>4</td>
<td>□</td>
</tr>
<tr>
<td>5-Interstitial monitoring within secondary wall/jacket</td>
<td>5</td>
<td>□</td>
<td>5</td>
<td>□</td>
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<td>□</td>
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<tr>
<td>6a-Monthly piping tightness test (@ 0.2 gph)</td>
<td>6a-N/A</td>
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<td>6a-N/A</td>
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<td>6a-N/A</td>
<td>□</td>
<td>6a-N/A</td>
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</tr>
<tr>
<td>6b-Annual piping tightness test /</td>
<td>6b-N/A</td>
<td>□</td>
<td>6b-N/A</td>
<td>□</td>
<td>6b-N/A</td>
<td>□</td>
<td>6b-N/A</td>
<td>□</td>
<td>6b-N/A</td>
<td>□</td>
</tr>
<tr>
<td>Annual electronic monitoring (@ 0.1 gph)</td>
<td></td>
<td></td>
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<td></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>6c-Triennial tightness test (for suction/gravity piping)</td>
<td>6c-N/A</td>
<td>□</td>
<td>6c-N/A</td>
<td>□</td>
<td>6c-N/A</td>
<td>□</td>
<td>6c-N/A</td>
<td>□</td>
<td>6c-N/A</td>
<td>□</td>
</tr>
<tr>
<td>6d-Auto. line leak detector (3.00 gph for pressure piping)</td>
<td>6d-N/A</td>
<td>□</td>
<td>6d-N/A</td>
<td>□</td>
<td>6d-N/A</td>
<td>□</td>
<td>6d-N/A</td>
<td>□</td>
<td>6d-N/A</td>
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</tr>
<tr>
<td>7a-Weekly manual tank gauging (tanks ≤ 1,000 gal)</td>
<td>7a</td>
<td>□</td>
<td>7a</td>
<td>□</td>
<td>7a</td>
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<td>7a</td>
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</tr>
<tr>
<td>7b-Monthly tank gauging (for emer. generator tanks)</td>
<td>7b</td>
<td>□</td>
<td>7b</td>
<td>□</td>
<td>7b</td>
<td>□</td>
<td>7b</td>
<td>□</td>
<td>7b</td>
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</tr>
<tr>
<td>8-IRR-Statistical Inventory Reconciliation &amp; Inv. Control</td>
<td>8</td>
<td>□</td>
<td>8</td>
<td>□</td>
<td>8</td>
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<td>□</td>
</tr>
<tr>
<td>9-Exempt system suctions</td>
<td>9-N/A</td>
<td>□</td>
<td>9-N/A</td>
<td>□</td>
<td>9-N/A</td>
<td>□</td>
<td>9-N/A</td>
<td>□</td>
<td>9-N/A</td>
<td>□</td>
</tr>
</tbody>
</table>

### Spill Containment & Overfill Prevention Equipment

- 1- Tight-fill fitting
- 2- Factory-built spill container/bucket/sump
- 3a-Delivery shut-off valve (set@ ≤ 95% capacity)
- 3b-Flow restrictor valve, e.g., vent ball-float (set@ ≤ 90% cap.)
- 3c-Alarm (set@ ≤ 90%), w/3a or 3b (set@ ≤ 98% cap.)
- 4- N/A - All deliveries to tank are ≤ 25 gal. each

### Stage I Vapor Recovery

* See 30 TAC 115 for rule & location exemption information.

#### Stage I (UST to tanker truck): Installation date:

- Type: 1a-Stage I two-point system
  - 1b-Stage I coaxial system
- Exempt by: 1c-TCEQ Rule*
APPENDIX V

INTERVIEWS / ADDITIONAL INFORMATION
Phase Engineering, Inc. would like to request any and all environmentally related information, including, but not limited to all permits submitted/ approved, certificates of occupancy, building plans, notices of UST presence, installation and/or removal along with any incidents of environmental concern, encounters with hazardous materials, violation, complaints, sample wells, grease traps, etc., based upon the Freedom of Information Act of the following property: (also see attached boundary)

Address: The property at the SWC of East Sunset Blvd and FM 89
Owner: Neu Irrevocable 2006 Trust
Property Id #: 2611775 & 2564193

Requests requiring more than 50 copies will include charges for labor, materials and overhead. Other charges may apply

*Requests will be reviewed for exceptions to disclosure per the Texas Public Information Act.
RECORD OF COMMUNICATION

Job #: 201712040

Job Address: ~9.0 Acres SWC East Sunset Blvd & FM 89
Celina, TX 75009

Contact: Courtney Underwood, Owner
214-536-3781

Comments:

Phase Engineering Inc. interviewed Courtney Underwood via telephone prior to the site visit. Ms. Underwood informed Phase Engineering, Inc. of the following:

- She stated the current use of the property is single family residence and acreage.
- She stated that the past use of the subject property was undeveloped land.
- She was not aware of any current or previous hazardous substance or petroleum product release(s) at the subject property or adjoining properties.
- She was not aware of any current or historical USTs or ASTs located at the subject property or adjoining properties.
- She stated that the current/historical water and sanitary service sources to the subject property are provided by the City of Celina.
- When asked if there are environmentally related documentation or reports known to exist in connection with the subject property, Ms. Underwood stated no.
- Courtney Underwood has been associated with the subject property for 12 years.

Date: 12/20/2017

Inspected By: Matt Broadaway
Phase Engineering, Inc.
5524 Cornish Street, Houston, Texas 77007
Section 6. User Responsibilities

In order to qualify for one of the Landowner Liability Protections (LLPs) offered by the Small Business Liability Relief and Brownfields Revitalization Act of 2001 all users must provide the following information (if available) to Phase Engineering, Inc. Failure to provide this information could result in a determination that “all appropriate inquiries” is not complete.

1) Environmental liens that are filed or recorded against the property (40 CFR 312.25).
   Did a search of recorded land title records (or judicial records where appropriate) identify any environmental liens filed or recorded against the property under federal, tribal, state or local law? □ Yes □ No

2) Activity and use limitations that are in place on the property or that have been filed or recorded against the property (40 CFR 312.26(a)(1)(v) and vii)).
   Did a search of recorded land title records (or judicial records where appropriate) identify any AULs, such as engineering controls, land use restrictions or institutional controls that are in place at the property and/or have been filed or recorded against the property under federal, tribal, state or local law? □ Yes □ No

3) Specialized knowledge or experience of the person seeking to qualify for the LLP (40 CFR 312.28).
   As the user of this ESA do you have any specialized knowledge or experience related to the property or nearby properties? For example, are you involved in the same line of business as the current or former occupants of the property or an adjoining property so that you would have specialized knowledge of the chemicals and processes used by this type of business? □ Yes □ No

4) Relationship to the purchase price to the fair market value of the property if it were not contaminated (40 CFR 312.29).
   Does the purchase price being paid for this property reasonably reflect the fair market value of the property? □ Yes □ No
   If you conclude that there is a difference, have you considered whether the lower purchase price is because contamination is known or believed to be present at the property? □ Yes □ No

5) Commonly known or reasonably ascertainable information about the property (40 CFR 312.30).
   Are you aware of commonly known or reasonably ascertainable information about the property that would help Phase Engineering, Inc. to identify conditions indicative of releases or threatened releases? For example, as user,
   a. Do you know the past uses of the property? □ Yes □ No
   b. Do you know of specific chemicals that are present or once were present at the property? □ Yes □ No
   c. Do you know of spills or other chemical releases that have taken place at the property? □ Yes □ No
   d. Do you know of any environmental cleanups that have taken place at the property? □ Yes □ No

6) The degree of obviousness of the presence or likely presence of contamination at the property, and the ability to detect the contamination by appropriate investigation (40 CFR 312.31).
   As the user of this ESA, based on your knowledge and experience related to the property are there any obvious indicators that point to the presence or likely presence of contamination at the property? □ Yes □ No

Comments from Questions 1-6:
____________________________________________________________________________________________
____________________________________________________________________________________________
____________________________________________________________________________________________
____________________________________________________________________________________________
____________________________________________________________________________________________
____________________________________________________________________________________________
____________________________________________________________________________________________

Please have the user (s) of the Phase I report answer and return this page with the signed letter of engagement.

Property Address or Description: ________________________________________________________________

Print Name: ____________________________ Company: ____________________________ Date: ______________

Signature: ______________________________ Relation to property: ____________________________
(purchaser, lender, owner, lessee, etc.)
SPECIAL NOTICE

You may be more vulnerable than the general population to certain microbial contaminants, such as Cryptosporidium, in drinking water. Infants, some elderly, or immunocompromised persons such as those undergoing chemotherapy; those who have undergone organ transplants; those who are undergoing treatment with steroids; and people with HIV/AIDS or other immune system disorders can be particularly at risk from infections. You should seek advice about drinking water from your physician or health care provider. Additional guidelines on appropriate means to lessen the risk of infection by Cryptosporidium are available from the Safe Drinking Water Hotline at (800) 426-4791

PUBLIC PARTICIPATION OPPORTUNITIES

Board of Directors Meeting:
Date: 1st Monday of every month
Time: 6:00 pm
Location: 230 W. Pecan St., Celina, TX 75009
Phone Number: 972-382-3222
Website: Marileewater.com

To learn about future public meetings or questions concerning your drinking water please contact Donna Loiselle, General Manager.

En Espanol
Este informe incluye informacion importante sobre el agua potable. Si tiene preguntas o comentarios sobre este informe ex espanol, favor de llamar al tel. (973)-382-3222—para hablar con una persona bilingue en espanol

Our Drinking Water is Regulated

Annual Water Quality Report for the period of January 1 to December 31, 2016. This report is intended to provide you with important information about your drinking water and the efforts made by the water system to provide safe drinking water.

Sources of Drinking Water

The sources of drinking water (both tap water and bottled water) include rivers, lakes, streams, ponds, reservoirs, springs, and wells. As water travels over the surface of the land or through the ground, it dissolves naturally-occurring minerals and, in some cases, radioactive material, and can pickup substances resulting from the presence of animals or from human activity. Contaminants that may be present in source water include:
- Microbial contaminants, such as viruses and bacteria, which may come from sewage treatment plans, septic systems, agricultural livestock operations, and wildlife.
- Inorganic contaminants, such as salts and metals, which can be naturally-occurring or result from urban storm water runoff, industrial or domestic wastewater discharges, oil and gas productions, mining or farming.
- Pesticides and herbicides, which may come from a variety of sources such as agriculture, urban storm water runoff, and residential uses.
- Organic chemical contaminants, including synthetic and volatile organic chemicals, which are by-products of industrial processes and petroleum production, and can also come from gas stations, urban storm water runoff, and septic systems.
- Radioactive contaminants, which can be naturally-occurring or be the result of oil and gas production and mining activities.
Sources of Drinking Water

The TCEQ completed an assessment of our source water and results indicate that some of our sources are susceptible to certain contaminants. The sampling requirements for our water system are based on this susceptibility and previous sample data. Any detections of these contaminants may be found in this Consumer Confident Report. For more information on source water assessments and protection efforts at our system, contact the general manager, Donna Loiselle.

<table>
<thead>
<tr>
<th>Source Water Name</th>
<th>Address</th>
<th>Water Type</th>
<th>Report Status</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>3—CR# 103</td>
<td>10445 CR# 103</td>
<td>Groundwater</td>
<td>Y</td>
<td>Trinity Aquifer</td>
</tr>
<tr>
<td>4—FM 121</td>
<td>20000 FM 121</td>
<td>Groundwater</td>
<td>Y</td>
<td>Trinity Aquifer</td>
</tr>
<tr>
<td>5—CR# 128/Lake Dr</td>
<td>4600 Lake Dr</td>
<td>Groundwater</td>
<td>Y</td>
<td>Trinity Aquifer</td>
</tr>
<tr>
<td>6—10215 CR# 134</td>
<td>10215 CR# 134</td>
<td>Groundwater</td>
<td>pending</td>
<td>Trinity Aquifer</td>
</tr>
<tr>
<td>GW from Sherman</td>
<td>350 Strawn Rd</td>
<td>Groundwater</td>
<td>pending</td>
<td>Trinity Aquifer</td>
</tr>
</tbody>
</table>

ALL Drinking Water May Contain Contaminants

In order to ensure that tap water is safe to drink, EPA prescribes regulations which limit the amount of contaminants in water provided by public water systems. FDA regulations establish limits for contaminants in bottled water which must provide the same protection for public health.

Drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the EPA’s Safe Drinking Water Hotline (1-800-426-4791)

Secondary Constituents

Many constituents (such as calcium, sodium, or iron) which are often found in drinking water, can cause taste, color, and odor problems. These types of problems are not necessarily causes for health concerns. For more information on taste, odor, or color of drinking water, please contact Marilee SUD’s business office.

Required Additional Health Information for Lead

If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. This water supply is responsible for providing high quality drinking water but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water hotline or at http://www.epa.gov/safewater/lead.

Abbreviations

- NTU - Nephelometric Turbidity Units
- mrem - millirems per year (a measure of radiation absorbed by the body)
- MFL - million fibers per liter (a measure of asbestos)
- pCi/L - picocuries per liter (a measure of radioactivity)
- ppp - parts per trillion, or nanograms per liter
- pppq - parts per quadrillion, or picograms per liter
- Treatment Technique or TT - A required process intended to reduce the level of a contaminant in drinking water

Definitions:

Level 1 Assessment

Is a study of the water system to identify potential problems and determine (if possible) why total coliform bacteria have been found in our water system

Level 2 Assessment

A very detailed study of the water system to identify potential problems and determine (if possible) why an Escherichia coli MCL violation has occurred and/or why total coliform bacteria have been found in our water system on multiple occasions.

Maximum Contaminant Level Goal or MCLG:

The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.

Maximum Contaminant Level or MCL:

The highest level of a contaminant that is allowed in drinking water MCLs are set as close to the MCLGs as feasible using the best available treatment technology.

Maximum residual disinfectant level goal or MRDLG:

The level of a drinking water disinfectant below which there is no known or expected risk to health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contaminants.

Maximum residual disinfectant level or MRDL:

The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.

Avg.

Regulatory compliance with some MCLs are based on running annual average of monthly samples

ppm:

milligrams per liter or parts per million - or one ounce in 7,350 gallons of water

ppb:

micrograms per liter or parts per billion 0 or one ounce in 7,350,000 gallons of water

na:

not applicable.

On the following pages the tables contain scientific terms and measures, some of which may require explanation

05/8/2017 TX0910081
### Regulated Contaminants

<table>
<thead>
<tr>
<th>Disinfectants &amp; Disinfection By-Products</th>
<th>Collection Date</th>
<th>Highest level detected</th>
<th>Range of level detected</th>
<th>MCLG</th>
<th>MCL Units</th>
<th>Violation</th>
<th>Likely source of contamination</th>
</tr>
</thead>
<tbody>
<tr>
<td>Haloacetic Acids (HAA5)</td>
<td>2016</td>
<td>3</td>
<td>2.5-2.5</td>
<td>No goal</td>
<td>60 ppb</td>
<td>N</td>
<td>By-product of drinking water disinfection</td>
</tr>
<tr>
<td>Total Trihalomethanes (TTHM)</td>
<td>2016</td>
<td>6</td>
<td>5.71-5.71</td>
<td>No goal</td>
<td>80 ppb</td>
<td>N</td>
<td>By-product of drinking water disinfection</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Inorganic Contaminants</th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Barium</td>
<td>2016</td>
<td>0.026</td>
<td>0.01-0.026</td>
<td>2</td>
<td>2 ppb</td>
<td>N</td>
<td>Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits</td>
</tr>
<tr>
<td>Chromium</td>
<td>2016</td>
<td>2.8</td>
<td>0.2-8</td>
<td>100</td>
<td>100 ppb</td>
<td>N</td>
<td>Discharge from steel &amp; pulp mills; Erosion of natural deposits</td>
</tr>
<tr>
<td>Cyanide</td>
<td>8/18/2014</td>
<td>5.47</td>
<td>5.44-5.47</td>
<td>200</td>
<td>200 ppb</td>
<td>N</td>
<td>Discharge from Plastic &amp; fertilizer factories; Discharge from steel/metal factories</td>
</tr>
<tr>
<td>Fluoride</td>
<td>2016</td>
<td>1.1</td>
<td>0.351-0.067</td>
<td>4</td>
<td>4.0 ppm</td>
<td>N</td>
<td>Erosion of natural deposits; Water additive which promotes strong teeth; Discharge from fertilizer &amp; aluminum factories</td>
</tr>
<tr>
<td>Nitrate (measured as Nitrogen)</td>
<td>2016</td>
<td>0.067</td>
<td>0.0305-0.067</td>
<td>10</td>
<td>10 ppm</td>
<td>N</td>
<td>Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits</td>
</tr>
</tbody>
</table>

### Radioactive Contaminants

<p>| | | | | | | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Combine Radium 226/228</td>
<td>2016</td>
<td>1.5</td>
<td>1.5-1.5</td>
<td>0</td>
<td>5 pCi/L</td>
<td>N</td>
<td>Erosion of natural deposits</td>
</tr>
</tbody>
</table>

### Synthetic organic contaminants Including pesticides and herbicides

<p>| | | | | | | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Di (2-ethylhexyl) phthalate</td>
<td>2016</td>
<td>1</td>
<td>0.5-0.6</td>
<td>0</td>
<td>6 ppb</td>
<td>N</td>
<td>Discharge from rubber And chemical factories</td>
</tr>
</tbody>
</table>

### Annual Water Loss Audit

In the water loss audit submitted to the Texas Water Development Board for the time period of Jan-Dec 2016, our system lost an estimated 57.7 million gallons or 18% of the total water pumped for the year 2016. If you have any questions about the water loss audit please call 972-382-3222.
<table>
<thead>
<tr>
<th>Year or Range</th>
<th>Constituent</th>
<th>Average Level</th>
<th>Minimum Level</th>
<th>Maximum Level</th>
<th>Secondary Limit</th>
<th>Unit of Measure</th>
<th>Source of Constituent</th>
</tr>
</thead>
<tbody>
<tr>
<td>2013</td>
<td>Aluminum</td>
<td>0.004</td>
<td>0</td>
<td>0.00479</td>
<td>.05</td>
<td>ppm</td>
<td>Abundant naturally occurring element.</td>
</tr>
<tr>
<td>2013</td>
<td>Bicarbonate</td>
<td>305</td>
<td>289</td>
<td>321</td>
<td>NA</td>
<td>ppm</td>
<td>Corrosion of carbonate rocks such as limestone.</td>
</tr>
<tr>
<td>2013</td>
<td>Calcium</td>
<td>1.35</td>
<td>1.3</td>
<td>25.5</td>
<td>NA</td>
<td>ppm</td>
<td>Abundant naturally occurring element.</td>
</tr>
<tr>
<td>2013</td>
<td>Carbonate</td>
<td>5</td>
<td>&lt;2</td>
<td>7</td>
<td>NA</td>
<td>ppm</td>
<td>Corrosion of carbonate rocks such as limestone.</td>
</tr>
<tr>
<td>2013</td>
<td>Chloride</td>
<td>52.6</td>
<td>22.6</td>
<td>300</td>
<td>300</td>
<td>ppm</td>
<td>Abundant naturally occurring element; used in water purification; byproduct of oil field activity.</td>
</tr>
<tr>
<td>2013</td>
<td>Copper</td>
<td>0.07</td>
<td>0.003</td>
<td>0.0103</td>
<td>1</td>
<td>ppm</td>
<td>Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives.</td>
</tr>
<tr>
<td>2013</td>
<td>Hardness as Ca/Mg</td>
<td>10.24</td>
<td>4.98</td>
<td>15.5</td>
<td>NA</td>
<td>ppm</td>
<td>Naturally occurring calcium and magnesium.</td>
</tr>
<tr>
<td>2013</td>
<td>Iron</td>
<td>0.06</td>
<td>&lt;0.0200</td>
<td>0.0769</td>
<td>.3</td>
<td>ppm</td>
<td>Erosion of natural deposits; iron or steel water delivery equipment or facilities.</td>
</tr>
<tr>
<td>2013</td>
<td>Magnesium</td>
<td>0.83</td>
<td>0.394</td>
<td>1.25</td>
<td>NA</td>
<td>ppm</td>
<td>Abundant naturally occurring element.</td>
</tr>
<tr>
<td>2013</td>
<td>Manganese</td>
<td>0.0014</td>
<td>0.000930</td>
<td>0.00196</td>
<td>.05</td>
<td>ppm</td>
<td>Abundant naturally occurring element.</td>
</tr>
<tr>
<td>2013</td>
<td>P. Alkalinity as CaCO3</td>
<td>2</td>
<td>&lt;2</td>
<td>4</td>
<td>NA</td>
<td>ppm</td>
<td>Naturally occurring soluble mineral salts.</td>
</tr>
<tr>
<td>2013</td>
<td>pH</td>
<td>8.5</td>
<td>8.3</td>
<td>8.8</td>
<td>&gt;7.0</td>
<td>units</td>
<td>Measure of corrosivity of water.</td>
</tr>
<tr>
<td>2013</td>
<td>Sulfate</td>
<td>145</td>
<td>99.2</td>
<td>145</td>
<td>300</td>
<td>ppm</td>
<td>Naturally occurring common industrial by-product; byproduct of oil field activity.</td>
</tr>
<tr>
<td>2013</td>
<td>Total Alkalinity as CaCO3</td>
<td>321</td>
<td>86</td>
<td>321</td>
<td>NA</td>
<td>ppm</td>
<td>Naturally occurring soluble mineral salts.</td>
</tr>
<tr>
<td>2013</td>
<td>Total Dissolved Solids</td>
<td>604</td>
<td>590</td>
<td>618</td>
<td>1000</td>
<td>ppm</td>
<td>Total dissolved mineral constituents in water.</td>
</tr>
<tr>
<td>2013</td>
<td>Total Hardness as CaCO3</td>
<td>19</td>
<td>3</td>
<td>104</td>
<td>NA</td>
<td>ppm</td>
<td>Naturally occurring calcium.</td>
</tr>
<tr>
<td>2013</td>
<td>Zinc</td>
<td>0.002</td>
<td>0</td>
<td>0-0.00792</td>
<td>5</td>
<td>ppm</td>
<td>Moderately abundant naturally occurring element; used in the metal industry.</td>
</tr>
</tbody>
</table>

**Total Coliform** REPORTED MONTHLY TESTS FOUND NO COLIFORM BACTERIA.

**Fecal Coliform** REPORTED MONTHLY TESTS FOUND NO FECAL COLIFORM BACTERIA.

**Turbidity** - Turbidity has no health effects. However, turbidity can interfere with disinfection and provide a medium for microbial growth. Turbidity may indicate the presence of disease-causing organisms. These organisms include bacteria, viruses, and parasites that can cause symptoms such as nausea, cramps, diarrhea and associated headaches.

<table>
<thead>
<tr>
<th>Year</th>
<th>Contaminant</th>
<th>Highest Single Measurement</th>
<th>Lowest Monthly % of Samples Meeting Limits</th>
<th>Turbidity Limits</th>
<th>Unit of Measure</th>
<th>Source of Contaminant</th>
</tr>
</thead>
<tbody>
<tr>
<td>2009</td>
<td>Turbidity</td>
<td>0.60</td>
<td>98.00</td>
<td>0.3</td>
<td>NTU</td>
<td>Soil runoff.</td>
</tr>
</tbody>
</table>

05/18/2017    TX 0910081    Page 4 of 6
## Disinfection Data:

<table>
<thead>
<tr>
<th>Year</th>
<th>Disinfectant</th>
<th>Average Level</th>
<th>Minimum Level</th>
<th>Maximum Level</th>
<th>MRDL</th>
<th>MRDLG</th>
<th>Unit of Measure</th>
<th>Violation (Y/N)</th>
<th>Source of Chemical</th>
</tr>
</thead>
<tbody>
<tr>
<td>2016</td>
<td>Chlorine</td>
<td>1.64</td>
<td>1.10</td>
<td>2.12</td>
<td>4.0</td>
<td>&lt;4.0</td>
<td>ppm</td>
<td>N</td>
<td>Disinfectant used to control microbes.</td>
</tr>
</tbody>
</table>

## Lead and Copper

<table>
<thead>
<tr>
<th>Date</th>
<th>Contaminant</th>
<th>The 90th Percentile</th>
<th>Number of Sites Exceeding Action Level</th>
<th>Action Level</th>
<th>Unit of Measure</th>
<th>Violation</th>
<th>Source of Contaminant</th>
</tr>
</thead>
<tbody>
<tr>
<td>8/6/2014</td>
<td>Copper</td>
<td>0.12</td>
<td>0</td>
<td>1.3</td>
<td>1.3 ppm</td>
<td>N</td>
<td>Erosion of natural deposits; Leaching from wood preservatives; Corrosion of household plumbing Systems.</td>
</tr>
</tbody>
</table>

Definitions:  
- **Action Level Goal (ALG):** The level of a contaminant in drinking water below which is no known or expected risk to health. ALGs allow for a margin of safety.  
- **Action Level:** The concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.
The City of Sherman provides groundwater to your water system on a contractual basis each month. The following regulated contaminant information is from their consumer confidence report and is required to be listed in your water system report as a provider of groundwater.

<table>
<thead>
<tr>
<th>Inorganic Contaminants</th>
<th>Collection</th>
<th>Concentration</th>
<th>Current MCL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aluminum</td>
<td>2016</td>
<td>0.0054 mg/l</td>
<td>0.2 mg/l</td>
</tr>
<tr>
<td>Barium</td>
<td>2016</td>
<td>0.011 mg/l</td>
<td>2 mg/l</td>
</tr>
<tr>
<td>Calcium</td>
<td>2016</td>
<td>1.33 mg/l</td>
<td>no MCL</td>
</tr>
<tr>
<td>Chromium</td>
<td>2016</td>
<td>0.0012 mg/l</td>
<td>0.1 mg/l</td>
</tr>
<tr>
<td>Copper, free</td>
<td>2016</td>
<td>0.0078 mg/l</td>
<td>no MCL</td>
</tr>
<tr>
<td>Hardness, Calcium Magnesium</td>
<td>2016</td>
<td>4.81 mg/l</td>
<td>no MCL</td>
</tr>
<tr>
<td>Magnesium</td>
<td>2016</td>
<td>0.363 mg/l</td>
<td>no MCL</td>
</tr>
<tr>
<td>Manganese</td>
<td>2016</td>
<td>0.0016 mg/l</td>
<td>0.05 mg/l</td>
</tr>
<tr>
<td>Potassium</td>
<td>2016</td>
<td>0.784 mg/l</td>
<td>no MCL</td>
</tr>
<tr>
<td>Sodium</td>
<td>2016</td>
<td>247.000 mg/l</td>
<td>no MCL</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Radioactive Contaminants</th>
<th>Collection</th>
<th>Highest Level Detected</th>
<th>Range of Level Detected</th>
<th>MCLG</th>
<th>MCL</th>
<th>Units</th>
<th>Violations</th>
<th>Likely Source of Contamination</th>
</tr>
</thead>
<tbody>
<tr>
<td>Combined Radium 226/228</td>
<td>08/08/2011</td>
<td>1</td>
<td>1—1</td>
<td>0</td>
<td>5</td>
<td>pCi/L</td>
<td>N</td>
<td>Erosion of natural deposits</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Synthetic organic Contaminants</th>
<th>Collection Date</th>
<th>Highest Level</th>
<th>Range of Levels</th>
<th>MCLG</th>
<th>MCL</th>
<th>Units</th>
<th>Violation</th>
<th>Contamination Source</th>
</tr>
</thead>
<tbody>
<tr>
<td>Including pesticides &amp; herbicides</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Atrazine</td>
<td>2014</td>
<td>0.08</td>
<td>0—0.08</td>
<td>3</td>
<td>3</td>
<td>ppb</td>
<td>N</td>
<td>Runoff from herbicide Used on row crops Discharge from Chemical factories.</td>
</tr>
<tr>
<td>Di (2-ethylhexyl) adipate</td>
<td>2014</td>
<td>0.7</td>
<td>0—0.7</td>
<td>400</td>
<td>400</td>
<td>ppb</td>
<td>N</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Turbidity</th>
<th>Highest single measurement Limit</th>
<th>Lower monthly % meeting Limit</th>
<th>Level detected</th>
<th>Violation</th>
<th>Likely Source of Contamination</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1 NTU</td>
<td>0.3 NTU</td>
<td>0.12 NTU</td>
<td>N</td>
<td>Soil runoff</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>100%</td>
<td>N</td>
<td>Soil runoff</td>
</tr>
</tbody>
</table>
APPENDIX VI

LETTER OF ENGAGEMENT
Phase Engineering, Inc.  
Environmental Consultants  
December 8, 2017

Palladium USA International, Inc.
Ryan Combs
13455 Noel Road
Dallas, TX 75240
Phone: (972) 774-4435  Fax: (972) 774-4495  Email: rcombs@palladiumusa.com

We are pleased to make the following proposal for Professional Environmental Services:

Property/Borrower Name or Reference #: Palladium Celina
Current Use: Land - Undeveloped - Approximately 9.0 Acres
Address/ Property Location: SWC of East Sunset Boulevard and FM 89
City: Celina    County: Collin    State: TX    Zip: 75009

Perform a Phase I Environmental Site Assessment (ESA) UPDATE (PEI #201701032) as per the ASTM E 1527-13 Standard for Phase I Environmental Site Assessments for Commercial Real Estate and §10.305 Subchapter D of the TDHCA 2018 Uniform Multifamily Application, including ASTM Non-Scope Considerations: Vapor Encroachment Screening, a Noise Assessment, an opinion for testing of asbestos, lead based paint, and lead in drinking water. The report will be applicable to the attached Agreement for Environmental Professional Services. Quoted Price: $1,850.00

If the above terms and attached Agreement for Professional Environmental Consulting Services (General Terms & Conditions) are acceptable, please sign and email (proposals@phaseengineering.com) a copy of this letter to serve as a letter of engagement and notification to proceed. The following information is needed to complete by scheduled delivery date:

1. Current owner of the property and telephone number.
2. Contact name and telephone number.
3. Access to the property, which may include keys or combinations, if applicable.
4. All complete environmental reports.
5. Survey and legal description. Survey does not have to be new if it reflects the property correctly.
6. All entities for which the report will be addressed and invoicing information.

Thank you for the opportunity to work with you and your environmental needs. If you have any questions, please call me at (713) 476-9844 or 1-800-419-8881.

Tracy Watson

Accepted By: ________________________________ Date: 12/8/17
Print Name: Ryan Combs
AGREEMENT FOR PROFESSIONAL ENVIRONMENTAL CONSULTING SERVICES

Section 1 – General Terms and Conditions

1.1 Definitions

“Agreement” means this Agreement for Professional Environmental Consulting Services.
“Party” (or collectively, “Parties”) means PEI and Client, unless expressly stated otherwise in this Agreement.
“PEI” means Phase Engineering, Inc.
“Engagement Letter” the instrument delivered by PEI to the Parties
“Services” has the meaning set forth in Section 1.2 below.

Any capitalized terms not otherwise defined in this Agreement have the meanings given to them under the Engagement Letter.

1.2 Services

The professional environmental consulting services to be provided by PEI for the Client are set forth in the Engagement Letter, and such services, including subsequent services, changed, altered or additional services are hereinafter called the “Services”.

1.3 Standard of Care

PEI shall perform the services under this agreement with that degree of care, skill and diligence generally accepted as typical of the industry in the performance of such services as contemplated by the Agreement at the time and location such services are rendered. PEI shall employ only competent staff and sub-contractors who will be under the supervision of a senior member of PEI’s staff.

1.4 Rights of Entry, Site Information and Utilities

The Client shall provide right of entry for PEI and its subcontractors to carry out the Services, unless specified otherwise in the Engagement Letter. The Client warrants that it has furnished to PEI all information known to, or in possession or control of, the Client relating to the past and existing conditions of the site, including but not limited to soil and geologic data, contaminants, wastes, petroleum products, controlled substances, hazardous materials, and subsurface utilities. The Client shall extend use and reliance of this information to PEI, unless stated otherwise and to the extent permitted by law. Such information shall be and remain confidential as between the Client and PEI and PEI shall not disclose same to any third party unless required by law.

1.5 Safety

1.5.1 PEI maintains a General Health and Safety Plan, a copy of which will be provided to the Client on written request and will fall under Section 1.8 Subsequent Changes of this Agreement unless this service is included in the Engagement Letter.

1.5.2 PEI shall take every precaution reasonable in the circumstances for the protection of the workers providing any of the Services. When required and prior to any field work being carried out, PEI shall provide the Client with a comprehensive site-specific safety plan for providing the Services. Such request must be made in writing by the Client prior to commencement of the Services by PEI and will fall under Section 1.9 Subsequent Changes of this Agreement unless included in the Engagement Letter.

1.6 Investigations and Reports

1.6.1 Findings: The findings of any investigation undertaken as part of the Services will be based upon information generated as a result of the specific scope of the Services as described in the Engagement Letter.

1.6.2 Restoration: The Client accepts that in the normal course of the Services some damage to existing ground or other surface finishes may occur, the restoration of which shall be the responsibility of the client or as specified in the Engagement Letter.

1.6.3 Investigations: The parties acknowledge and accept that unique risks exist whenever engineering or related disciplines are applied to identify environmental conditions and even a comprehensive sampling and testing program may fail to detect certain conditions. Because of the inherent uncertainties in environmental evaluations, changed or unanticipated conditions may occur or become known subsequent to PEI’s investigation that could affect conclusions, recommendations, total Project cost and/or execution. Changes in conditions are subject to amendments to the Scope of Services.

1.6.4 Confidentiality and Reliance: Any Final Report or draft reports and the information contained therein shall be treated as confidential and, unless otherwise agreed to by PEI and the Client, the information, sampling data, analysis, findings, conclusions and recommendations (if any), may be used and relied upon only by the Client, its officers, directors and employees and professional advisors in the performance of their obligations for or on behalf of the Client. Any such use and reliance shall be subject to the limitations set forth in this agreement. In addition, the Client may submit any report to a regulatory authority or lender for the purpose of obtaining financing on a property.

1.6.5 Third Party Reliance: This Agreement and the Services provided are for Consultant and Client’s sole benefit and exclusive use with no third party beneficiaries intended. Reliance upon the Services and any work product is limited to Client, and is not intended for third parties. In the event PEI agrees, in its sole and absolute discretion, to make the Report available to a third party not mentioned in Paragraph 1.6.4, the Third Party shall be required to obtain the original Clients release, sign PEI’s standard Authorized User Agreement (AUA) and pay PEI a fee of not less than $350.00. Any such use shall be subject to the terms, conditions and limitations set forth in this Agreement, the Report and the AUA.

1.7 Ownership of Records/Reports:

All documents or records created or prepared by PEI in the performance of the Services are considered PEI’s professional work product and shall remain the copyright property of PEI, subject to any reasonable disclosure request from the Client as may be necessary and for which reasonable reimbursement for copies is provided.

1.8 Disposal and Samples

1.8.1 Disposal of all wastes generated from the subject property shall be the responsibility of the Client.

1.8.2 PEI shall be responsible for appropriate disposal of sample material and sample residuals after 30 days following submission of the Final Report unless the Client specifically requests otherwise.
1.9 Subsequent Changes
With the consent of PEI, the Client may in writing at any time after the execution of this Agreement or the commencement of the Services delete, extend, increase, vary or otherwise alter the Services. The Parties further agree that such changes shall alter the Services, schedule and/or the costs. Any such changes shall be made in writing with reference to this Agreement, and accepted in writing by both Parties.

1.10 Delays
Neither Party shall be liable or penalized for delays or failure to perform its Services if the same is caused directly or indirectly by circumstances beyond a Party’s reasonable control. The Client shall not hold PEI responsible for damages or delays in performance caused by the Client, acts of God, acts and/or omissions of governmental authorities and regulatory agencies or other events which are beyond the reasonable control of the Parties.

1.11 Payment
1.11.1 The PEI shall invoice the Client in accordance with the provisions set forth in the Engagement Letter. Except as stated in the Engagement Letter, the Client shall pay to PEI at its corporate office each invoice within 30 days of the date of the invoice without holdback. Interest at a rate of 1.5% per month or the maximum rate allowed by law, whichever is lower, may be charged on all overdue amounts.
1.11.2 In the event of a disputed billing, only the disputed portion will be withheld from payment, and the undisputed portion will be paid. The Client shall exercise reasonableness in disputing any bill or portion thereof. No interest will accrue on any disputed portion of the billing until mutually resolved.
1.11.3 If the Client fails to make payment of any sum due hereunder within a reasonable time period, Client acknowledges and agrees that the subject Invoice will be referred to legal collections, and any amount in aggregate less than Ten Thousand Dollars U.S. ($10,000) will be referred to small claims court in Harris County, Texas.

1.12 Suspension or Termination
The Client may at any time by notice in writing to PEI, suspend or terminate the Services or any portion thereof at any stage of the Project. Upon receipt of such written notice by the Client, PEI shall perform no further Services other than those reasonably necessary to close out its Services. In such an event, PEI shall invoice the Client for the portion of the Services completed and shall be entitled to payment in accordance with Section 1.9. Once the Services are completed the Client assumes the risk of Frustration of Purpose.

1.13 Insurance
1.13.1 PEI agrees to carry and maintain the following minimum insurance coverages for the term of this Agreement:
   Worker’s Compensation Insurance: Statutory requirement amounts
   Commercial General Liability: $1,000,000 per occurrence
   Automobile Liability Insurance: $1,000,000 per occurrence for both owned and non-owned vehicles
   Professional Liability and Contractors Professional Insurance: $1,000,000 per occurrence
1.13.2 PEI’s current Certificate of Insurance is provided with the Engagement Letter. If the Client requests to be a named as a certificate holder, this request must be made in writing to PEI prior to commencement of the Services.
1.13.3 PEI will renew the Professional Liability Insurance at or above the minimum coverage for period of two (2) years after completion of the Services.
1.13.4 If the Client requests that PEI increase the amount of insurance coverage or obtain other special insurance for the Project, PEI shall endeavor forthwith to obtain such increased or special insurance at the Client's expense.
1.13.5 Each of PEI and Client waive all claims, losses, damages and rights of recovery against the other to extent of the limits of coverage under any commercial general liability or property insurance policy actually obtained by a Party to this Agreement (or, in the case of PEI, to the extent obtained or required to be obtained by PEI under this Agreement). In addition, each Party shall exercise commercially reasonable efforts to cause to waive subrogation under its commercial general liability and property insurance policies and provide any necessary endorsements thereto.

1.14 Indemnity/Statute of Limitations.
EACH OF PEI AND CLIENT SHALL INDEMNIFY AND HOLD HARMLESS THE OTHER AND THEIR RESPECTIVE AGENTS, EMPLOYEES, SUCCESSORS AND ASSIGNS FROM AND AGAINST LEGAL LIABILITY FOR CLAIMS, LOSSES, DAMAGES, AND EXPENSES TO THE EXTENT SUCH CLAIMS, LOSSES, DAMAGES, OR EXPENSES ARE LEGALLY DETERMINED TO BE CAUSED BY THEIR NEGLIGENT ACTS, ERRORS, OR OMISSIONS. IN THE EVENT SUCH CLAIMS, LOSSES, DAMAGES, OR EXPENSES ARE LEGALLY DETERMINED TO BE CAUSED BY THE JOINT OR CONCURRENT NEGLIGENCE OF PEI AND CLIENT, THE PARTIES SHALL BEAR LIABILITY IN PROPORTION TO ITS OWN NEGLIGENCE UNDER COMPARATIVE FAULT PRINCIPLES. NEITHER PARTY SHALL HAVE A DUTY TO DEFEND THE OTHER PARTY, AND NO DUTY TO DEFEND IS HEREBY CREATED BY THIS INDEMNITY PROVISION AND SUCH DUTY IS EXPLICITLY WAIVED UNDER THIS AGREEMENT. CAUSES OF ACTION ARISING OUT OF PEI’S SERVICES OR THIS AGREEMENT, REGARDLESS OF CAUSE OR THE THEORY OF LIABILITY, INCLUDING NEGLIGENCE, INDEMNITY OR OTHER RECOVERY, SHALL BE DEEMED TO HAVE ACCRUED AND THE APPLICABLE STATUTE OF LIMITATIONS SHALL COMMENCE TO RUN NO LATER THAN THE DATE OF PEI’S SUBSTANTIAL COMPLETION OF SERVICES ON THE PROJECT.

1.15 Limitation of Liability.
1.15.1 Notwithstanding any other provisions contained herein, it is understood and agreed that PEI’s liability to the Client for all claims arising out of this Agreement, or in any way relating to the Services, will be limited to direct damages and/or to the specific performance of any Services not meeting the Standard of Care set forth herein and such liability will, in the aggregate, not exceed the sum of the coverages shown on PEI’s Certificate of Insurance in effect at the time of the claim.
1.15.2 No claim may be brought against PEI more than Two (2) years after the Services were completed under this Agreement, or as negotiated between PEI and the Client.
1.15.3. **TO THE FULLEST EXTENT PERMITTED BY LAW, THE TOTAL AGGREGATE LIABILITY OF PEI (AND ITS DIRECTORS, EMPLOYEES, AGENTS AND AFFILIATES) TO CLIENT AND THIRD PARTIES GRANTED RELIANCE IS LIMITED TO THE GREATER OF $50,000 OR PEI’S FEE FOR ANY AND ALL INJURIES, DAMAGES, CLAIMS, LOSSES, OR EXPENSES (INCLUDING ATTORNEY AND EXPERT FEES) ARISING OUT OF PEI’S SERVICES OR THIS AGREEMENT. THIS LIMITATION SHALL APPLY REGARDLESS OF AVAILABLE PROFESSIONAL LIABILITY INSURANCE COVERAGE, CAUSE OR THE THEORY OF LIABILITY, INCLUDING NEGLIGENCE, INDEMNITY, OR OTHER RECOVERY; PROVIDED, HOWEVER, THAT THIS LIMITATION SHALL NOT APPLY TO THE EXTENT OF ANY AVAILABLE COVERAGE UNDER PEI’S COMMERCIAL GENERAL LIABILITY POLICY.**

1.16 Consequential Damages. **EXCEPT AS EXPRESSLY PROVIDED IN THIS AGREEMENT, NEITHER PARTY SHALL BE LIABLE TO THE OTHER FOR LOSS OF PROFITS OR REVENUE, LOSS OF USE OR OPPORTUNITY, LOSS OF GOOD WILL, COST OF SUBSTITUTE FACILITIES, GOODS, OR SERVICES, COST OF CAPITAL, OR FOR ANY SPECIAL, CONSEQUENTIAL, INDIRECT, PUNITIVE, OR EXEMPLARY DAMAGES.**

1.17 Regulatory Reporting Requirements

Client recognizes that hazardous substances or contaminants may be discovered at the subject property in the course of provision of the Services by PEI under conditions that may be reportable to Federal or State environmental regulatory agencies. The “duty to report” is ultimately the responsibility of the landowner unless the condition represents an acute threat to human health or the environment. PEI will notify the Client of any such reportable condition. The Client will notify the Landowner, or under mutual agreement, authorize PEI to perform such notification to the landowner.

Section 2 – MISCELLANEOUS PROVISIONS

2.1 Notices:

All notices under this Agreement shall be in writing. It shall be sufficient in all respects if the Notice is delivered by hand, sent by any electronic means, including email or facsimile transmission, with confirmation (“Transmission”) during normal business hours, or sent by registered mail, postage prepaid, addressed to the Parties shown on the Engagement Letter or to such other address as either Party shall designate by written notice to the other Party. Any notice so given shall be deemed to have been given and to have been received on the day of delivery, if so delivered, on the third Business Day (excluding each day during which there exists any interruption of postal services due to strike, lockout or other cause) following the mailing thereof, if so mailed, and on the day that notice was sent by Transmission, provided such day is a Business Day (a Business Day being any day of the week save and except for Saturday and Sunday) and if not, on the first Business Day thereafter.

2.2 Entire Agreement, Modifications, Headings, Severability:

The Parties acknowledge that this Agreement and the Engagement Letter constitutes the entire agreement between them and supersedes all prior representations, warranties, agreements, and understandings, oral or written, between the Parties with respect to its subject matter. Unless stated otherwise in this Agreement, this Agreement may not be modified except in writing signed by both Parties. The headings to this Agreement are for convenience and reference purposes only and shall not constitute a part of the Agreement. If any element of this Agreement is later held to violate the law or a regulation, it shall be deemed void, and all remaining provisions shall continue in force.

2.3 Effect:

This Agreement shall be binding upon and inure to the benefit of the Parties hereto and their respective successors and assigns provided that it may not be assigned by either Party without the consent of the other, which consent shall not be unreasonably withheld.

2.4 Survival:

All representations and obligations (including without limitation the mutual obligations of indemnification) shall survive the termination of this Agreement and expire five (5) years from the date of completion of Services.

2.5 Waiver of Rights:

Any waiver of, or consent to depart from, the requirements of any provision of this Agreement shall be effective only if made in writing and signed by the Party granting such waiver or consent, and is valid only in the specific instance and for the specific purpose for which it has been granted. No failure on the part of any Party to exercise, and no delay in exercising, any right under this Agreement shall operate as a waiver of such right. No single or partial exercise of any such right shall preclude any other or further exercise of such right or the exercise of any other right.

2.6 Applicable Law:

This Agreement shall be governed by, and interpreted and enforced in accordance with, the laws in the State of Texas and the laws of The United States of America, as applicable.

2.7 Dispute Resolution:

Excepting Section 1.11 for the purpose of this Agreement, any disagreement arising between the Parties to this Agreement with reference to the interpretation of this Agreement or any matter arising hereunder and upon which the Parties cannot agree shall be referred to mediation. Reference to mediation shall be to a single mediator and in accordance with the laws of mediation in the State of Texas. The costs of the mediator shall be shared equally by the Parties on an interim basis as may be necessary provided however that the mediator shall have the discretion to award costs of the proceeding, including costs of the mediator. The venue for such mediation is agreed to be Harris County, Texas.

2.8 Contract Documents:

The Contract Documents consist of the documents listed. If there is a conflict with the Contract Documents, the conflicting terms will be governed in the order of priority set forth as follows: 1. Agreement 2. Engagement Letter
APPENDIX VII

STATEMENT OF QUALIFICATIONS
It is our goal to provide quality Environmental Site Assessments and Related Professional Services at a fair price within the clients’ required delivery date.

Since 1993 our in-house licensed and certified Environmental Professionals team continues to provide consistent quality, detailed attention to our client’s requests, and full service environmental reports which set Phase Engineering, Inc. apart. Phase Engineering, Inc. has provided over 20,000 nationwide professional quality and timely Environmental Assessments and Property Condition Assessments for the private and public commercial real estate industries.

Whether you are a lender, a broker, an attorney, a buyer/seller, a property manager, a developer, or a property owner; Phase Engineering has the right service at the right price point for you. We work diligently to meet our clients timing and unique requirements. As any qualified Environmental Consultant knows, Environmental Site Assessments are not created equal. Phase Engineering is qualified to ensure your reports are done to the highest standards and regulations to help to protect the client’s interest. Please check out our “Dare to Compare” website page for more information on how you can qualify your environmental vendors.

We pride ourselves in keeping current our licenses and certifications to give the client a more informed and educated solution. The following are among our company’s licenses and certifications:

- Professional Engineering Firm
- Professional Geoscientist Firm
- Licensed Asbestos Consultant Agency
- Licensed Mold Assessment Company
- Certified Lead Firm
- Leaking Petroleum Storage Tank (LPST) Corrective Action Specialist (CAS)
- Wetlands United States Army Corp of Engineers Delineation Course Certified
- Storm Water & Pollution Prevention Certified Preparer of SWPPP (CPSWPPP) and (CCIS)
- Radon
Professional Services

The professional licensed and technical staff at Phase Engineering, Inc. are annually involved nationwide in over 1000 environmental site assessments, Property Condition Assessments and related services. Our professional services include all aspects of the environmental due diligence for all types of commercial real estate clients. Phase Engineering is qualified to ensure your reports are done to the highest standards and regulations to help to protect the client’s interest. Phase Engineering, Inc. provides a full range of professional environmental services for the real estate transaction business world as listed below:

Environmental Site Assessments

- Phase I Environmental Site Assessments include site assessments prepared to: EPA “All Appropriate Inquiries” (AAI) rule, Phase I Environmental Site Assessments as per ASTM Standard E 1527, Small Business Administration (SBA) SOP 50 10 5, etc.
- Client specific requirements such as Fannie Mae, FDIC, Freddie Mac, HUD, DHCA, NEPA, USDA, FDIC, TDHCA, Oil & Gas, etc.
- Transaction Screens per ASTM Standard E 1528
- Wetlands Determination, Delineations, Mitigation Plans, and Permitting
- Endangered Species Reviews
- Record Search with Risk Assessment Reports
- Desktop Reviews
- Environmental Data Services
- Prior Environmental Report Reviews (Third Party Reviews)

Phase II Environmental Site Assessments / Consulting

- Phase II Environmental Site Assessments are specific to the nature of the project. A typical example is an investigation of an underground storage tank site. This requires sampling of soil and groundwater.
- Leaking Petroleum Storage Tank Corrective Action Project Management (CAPM) and Corrective Action Specialist (CAS) Services
- Voluntary Cleanup Program (VCP) (TCEQ) and (RRC) Consulting
- Innocent Owner Program (IOP) Consulting
- Resource Conservation and Recovery Act (RCRA) Corrective Action Site Project Management
- Dry Cleaning Remediation Program Consulting Services
- Vapor Assessments
- Municipal Settings Designation (MSD) Services
- Brownfields Site Assessment and Advisory Services
- Operation Cleanup Program (RRC) Consulting Services
Professional Services (continued)

- Oil & Gas Due Diligence
- Underground Injection and Control (UIC) Permits and Registrations for Remediation Applications
- Remediation Feasibility, Design, and Implementation
- Monitoring and Post-Closure Care
- Groundwater Monitoring
- Prior Environmental Report Reviews
- RCRA Corrective Action Site Project Management
- Litigation Support

Waste Management and Compliance

- Industrial and Hazardous Waste Registration, Permitting, and Reporting
- Waste Management Unit Closures

Building and Facilities Assessments

- Property Condition Assessments per ASTM E 2018
- Asbestos Inspections, Management & Consulting
- Lead Based Paint and Lead in Water Inspections, Risk Assessments & Consulting
- Mold Assessments & Consulting
- Indoor Air Quality Assessments
- Storm Water Pollution Prevention (SWPPP) Plans, Audits & Inspections
- Spill Prevention, Control and Counter measure (SPCC) Plans
- Client Specific Compliance Services
Professional Services (continued)

National Environmental Policy Act (NEPA)

- Categorical Exclusions
- Environmental Assessments
- Housing and Urban Development (HUD) 24 CFR Part 58 Reviews (CDBG, HOME, NSP, Disaster Recovery, Public Housing Programs, etc.)
- Part 50 compliance – HUD Form 4128 Environmental Review Checklist
- USDA Rural Development Environmental Reviews per 7 CFR Part 1970 policies and procedures
- Federal Communications Commission (FCC) NEPA compliance for communication or transmission towers and facilities
- TxDOT NEPA compliance
- Section 106 Historic Preservation
- Noise Surveys and Mitigation
- Explosive Hazards Assessments
- Wetland Delineation and Mitigation
- HUD’s 8-Step Decision-Making Process for Developing in a Floodplain or Wetland (24 CFR Part 55)
- Environmental Justice Assessments
Licenses & Certifications

Phase Engineering, Inc. and the staff at Phase Engineering, Inc. are licensed and certified in all related areas to give the client a more informed and educated solution.

Registered Professional Engineering Firm

Licensed Professional Geoscientist Firm

Asbestos
- Consultant Agency
- Consultant
- Project Designer
- Management Planner
- Air Monitoring
- Inspector

Indoor Air Quality
- Mold Assessment Company
- Mold Assessment Consultant
- Mold Assessment Technician

Lead
- Lead Firm
- Risk Assessor
- Inspector

Storage Tanks
- Corrective Action Specialist (CAS)
- LPST Corrective Action Manager (CAPM)

Wetlands
- United States Army Corp of Engineers Delineation Course Certified

Storm Water & Pollution Prevention
- Certified Preparer of SWPPP (CPSWPPP) and (CCIS)

Radon
- Residential Radon Measurement Provider
Recognized Associations

Keeping with the latest rules and regulations in the environmental field, Phase Engineering, Inc. and its staff are dedicated to current standards and legal issues by being involved with several professional associations:

- **ASTM** Committee Environmental Site Assessments for Commercial Real Estate Transactions & ASTM Phase II Task Force
- **ASTM** Teaching Staff - Phase I & Phase II Environmental Site Assessments
- Risk Management Association Board (RMA)
- Society of Wetland Scientists (SWS)
- Certified Commercial Investment Member (CCIM)
- Commercial Real Estate Women (CREW)
- Environmental Bankers Association (EBA)
- Houston Geological Society (HGS)
- Association of Commercial Real Estate Professionals (ACRP)
- Commercial Real Estate Network (CREN)
- Society of Industrial and Office Realtors (SIOR)
- Institute of Real Estate Management (IREM)
- Urban Land Institute (ULI)
- National Association of Government Guaranteed Lenders (NAGGL)
- Houston Association of Government Guaranteed Lenders (HAGGL)
- North Texas Association of Government Guaranteed Lenders (NTAGGL)
- Central Texas Association of Government Guaranteed Lenders (CTAGGL)
- El Paso Texas Association of Government Guaranteed Lenders (EPAGGL)
- Texas Bankers Association (TBA)
- Independent Bankers Association of Texas (IBAT)
- National Registry of Environmental Professionals (NREP)
- Texas Association of Environmental Professionals (TAEP)
- Commercial Real Estate Association of Montgomery County (CREAM)
- Houston Realty Business Coalition (HRBC)
- Texas Affiliation Of Affordable Housing Providers (TAAHP)
- **ASTM** Committee D18 on Soil and Rock, Subcommittee on Geospatial Technology
- Geological Association of America (GSA), South-Central Section, Environmental & Engineering Geology Division
- Houston Geological Society (HGS), Environmental and Engineering Group
- Urban and Regional Information Systems Association (URISA)
Recognized Associations (continued)

- Texas Association of Environmental Professionals (TAEP)
- Texas Association Professional Geoscientists (TAPG)
- Texas Board of Professional Geoscientists (TBPG)
- American Institute of Professional Geologists (AIPG), Texas Section, AIPG District IV – Southeast Texas
Environmental Professionals pursuant to 40 CFR 312.10

The final rule defines an environmental professional as someone who possesses sufficient specific education, training, and experience necessary to exercise professional judgment to develop opinions and conclusions regarding conditions indicative of releases or threatened releases of hazardous substances on, at, in, or to a property, sufficient to meet the objectives and performance factors of the rule. In addition, an environmental professional must have:

- A state or tribal issued certification or license and three years of relevant full-time work experience; or

- A Baccalaureate degree or higher in science or engineering and five years of relevant full-time work experience; or

- Ten years of relevant full-time work experience.

Phase Engineering, Inc. has additional “In House” qualified staff that supports the Environmental Professionals listed below:

<table>
<thead>
<tr>
<th>Principals</th>
<th>Experience and Education</th>
<th>Professional Licenses / Registrations</th>
</tr>
</thead>
<tbody>
<tr>
<td>James C. Dismukes, P.E., Principal</td>
<td>33 years in the environmental field. University of Houston, MBA University of Houston, BS-Mechanical Engineering Cameron University, BS-Business</td>
<td>Texas Registered Professional Engineer (43553) LPST Corretive Action Project Manager (CAPM00766) Certified Preparer of SWPPP (CPSWPPP) and (CCIS) (2253)</td>
</tr>
<tr>
<td>Melanie Edmundson, P.G., Principal</td>
<td>25 years in the environmental field. University of Maryland-College Park, BS-Geology University of Maryland-Munich, Germany, AA</td>
<td>Texas Professional Geoscientist-Geology (4358) Asbestos Consultant (10-5470) Lead Risk Assessor (2070147) Mold Assessment Consultant (MAC0246) HAZWOPER OSHA 1910.120/1926.6540 Hour Training</td>
</tr>
</tbody>
</table>
### Environmental Professionals pursuant to 40 CFR 312.10 (continued)

<table>
<thead>
<tr>
<th>Name</th>
<th>Experience and Education</th>
<th>Professional Licenses / Registrations</th>
</tr>
</thead>
<tbody>
<tr>
<td>Matthew Broadaway</td>
<td>12 years in the environmental field. Texas State University-San Marcos, BS-Geography</td>
<td>Hazwoper OSHA Training</td>
</tr>
<tr>
<td>Cornelius L. Crockett, II</td>
<td>18 years in the environmental field. University of Phoenix, MBA Prairie View A &amp; M University, BS-Criminal Justice/Law Enforcement</td>
<td></td>
</tr>
<tr>
<td>Ross Doctoroff, P.G.</td>
<td>15 years in the environmental field. Southwest Texas State University, BS-Geography, Resource and Environmental Studies Minor-Applied Geography</td>
<td>LPST Corrective Action Project (0014) Texas Professional Geoscientist-Geology (2767) Asbestos Inspector (601289) USACOE Certified Wetland Delineator</td>
</tr>
<tr>
<td>Janis Franklin, P.G.</td>
<td>22 years in the environmental field. University of Houston, MS-Environmental Management Austin Peay State University, BS-Geology University of Houston, MS-Safety (ongoing)</td>
<td>Texas Professional Geoscientist (1254) Tennessee Professional Geologist (TN4132) Lead Inspector (2060233) LPST Corrective Action Project Manager (01209) Asbestos Inspector License (603137) Hazwoper OSHA Training</td>
</tr>
<tr>
<td>Karly Gibbs</td>
<td>16 years in the environmental field. Tulane University, MS- Risk Assessment and Regulatory Toxicology Barry University, BS-Biology</td>
<td>Hazwoper OSHA Training PCB Cleanup (Mega Rule) USEPA Region 6 QA/QC Training</td>
</tr>
</tbody>
</table>
### Environmental Professionals pursuant to 40 CFR 312.10 (continued)

<table>
<thead>
<tr>
<th>Name</th>
<th>Experience and Education</th>
<th>Professional Licenses / Registrations</th>
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<tbody>
<tr>
<td>Jennifer Horan</td>
<td>15 years in the environmental field.</td>
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<tr>
<td></td>
<td>Southwest Texas State University, BS-Geography, Resource and Environmental Studies</td>
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</tr>
<tr>
<td>Zahir Jamal</td>
<td>17 years in the environmental field.</td>
<td>HAZWOPER OSHA 1910.120/1926.65 40 Hour Training (22308)</td>
</tr>
<tr>
<td></td>
<td>University of Windsor, Ontario, Canada, MS-Environmental Engineering</td>
<td>Asbestos Inspector License (603282)</td>
</tr>
<tr>
<td>Scott Lindsay</td>
<td>5 years in the environmental field.</td>
<td>OSHA 24 Hour HAZWOPER Training (1508092137587)</td>
</tr>
<tr>
<td></td>
<td>University of Houston-Downtown, MBA in Finance (In progress)</td>
<td>Asbestos Inspector License (21339343)</td>
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<tr>
<td></td>
<td>Texas State University, San Marcos, BS- Geography – Geographic Information Science</td>
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<tr>
<td>Darcey Philipp</td>
<td>16 years in the environmental field.</td>
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<tr>
<td></td>
<td>University of Houston, BS-Psychology</td>
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<tr>
<td></td>
<td>University of Texas at Austin, BA-Economics</td>
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<tr>
<td>Kay Philipp, CEI, CEM</td>
<td>20 years in the environmental field.</td>
<td>Certified Environmental Inspector (CEI)</td>
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<td></td>
<td></td>
<td>Certified Environmental Manager (CEM)</td>
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<tr>
<td>Experience and Education</td>
<td>Professional Licenses / Registrations</td>
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<tr>
<td>Claire Snavely, P.G.</td>
<td>Texas Professional Geoscientist (11420)</td>
<td></td>
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<tr>
<td>9 years in the environmental field.</td>
<td>Geographical Information Systems Technician</td>
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<tr>
<td>San Jose State University, BS-Geology</td>
<td>Geographical Information Systems Analyst</td>
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<tr>
<td>Foothill College, AS-Geology</td>
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<tr>
<td>Tracy Watson</td>
<td>USACOE Certified Wetland Delineator</td>
<td></td>
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<tr>
<td>9 years in the environmental field.</td>
<td>TCEQ Licensed Water Operator (WO0029615)</td>
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<tr>
<td>University of Mary-Hardin Baylor, BS-Chemistry &amp; Biology</td>
<td>Asbestos Inspector License (603452)</td>
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</tr>
<tr>
<td></td>
<td>OSHA 40 Hour HAZWOPER Training</td>
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Online Proposal Request

Our online proposal request system is designed with you in mind to streamline the proposal request process in order to efficiently and quickly get your proposal to you when submitted online by you.

Your success is our success, and this online process helps expedite getting your project underway and completed on time.

Proposal requests may be submitted online at www.PhaseEngineering.com.

1. Begin at our website at www.PhaseEngineering.com to set up your own account.

2. At the bottom of the homepage, there is a section called "Request for Proposal". Below this heading (and below the log in username/password), you will see a link to create a "New user? Create an account here".

3. When you click on the link, your browser will take you to a new login page. On this page, you will see a section called "New Users".

4. Create your own username (preferably something that you will remember like your name [i.e. first initial and last name]) and your own password and insert your contact information.

5. Finally, click "Create Account".

Your account should be created, and you can go back to our homepage and order a proposal.

If you have any questions or comments, please contact Ruben Jauregui, Jr. at Ruben@PhaseEngineering.com or Melanie Edmundson at Melanie@PhaseEngineering.com.

Phase Engineering’s quoted delivery for completed Phase I Environmental Site Assessments is approximately two weeks. Phase Engineering, Inc. does realize that there are circumstances when the client needs results faster and will work to accommodate. Rush reports can be prepared in approximately one week with an added rush fee (rush delivery may result in data gaps due to time constraints).

All pricing and delivery of services is generally on a site specific basis depending on the scope of the assignment with the clients required guidelines.

Pricing differentials may apply for large acreage or difficult properties.

www.PhaseEngineering.com
# Certificate of Liability Insurance

**Contact Name:** Linda Terry, CIC, CISR, ACSR  
**Phone (A/C, No. Ext.):** 713-622-2330  
**Fax (A/C, No.):** 713-622-2053  
**E-mail Address:** linda.terry@bxsi.com  
**Insurer(s) Affording Coverage:**  
- **Insurer A:** Rockhill Insurance Company  
  **NAIC #:** 28053  
- **Insured:** Phase Engineering, Inc  
  **Address:** 5524 Cornish Street, Houston TX 77007  
- **Producer:** BancorpSouth Insurance Services, Inc.  
  **Address:** 3355 W Alabama Street, Ste 850, Houston TX 77098  
  **Phone:** 713-622-2330, 713-622-2053  
  **Fax:** N/A  
  **E-mail:** linda.terry@bxsi.com  
  **Naic #:** 562621696  
  **Certificate Number:** ENVP010052-02  
  **Revision Number:**  
  **Policy Number:** ENVP010052-03  
  **Policy Year:** 2017  
  **Expiration Date:** 2018

## Coverages

- **Commercial General Liability**  
  **Policy Number:** ENVP010052-02  
  **Limits:**  
  - EACH OCCURRENCE: $3,000,000  
  - DAMAGE TO RENTED PREMISES: $50,000  
  - MED EXP (Any one person): $5,000  
  - PERSONAL & ADV INJURY: $3,000,000  
  - GENERAL AGGREGATE: $5,000,000  
  - PRODUCTS - COMPOP AGG: $5,000,000  
- **Automobile Liability**  
  **Policy Number:** ENVP010052-03  
  **Limits:**  
  - EACH OCCURRENCE: $1,000,000  
  - BODILY INJURY (Per person): $50,000  
  - BODILY INJURY (Per accident): $1,000,000  
  - PROPERTY DAMAGE (Per accident): $50,000  

## Description of Operations / Locations / Vehicles

- General liability policy includes a blanket additional insured endorsement when required by written contract but only with respect to liability arising out of a named insured's work for additional insured including Products/Completed Operations coverage and in no way will the additional insured status exceed the limits, terms or conditions of the policy. Primary & Non-Contributory wording is included when required by written contract, but only with respect to coverage provided by this policy.

- Auto liability policy includes certificate holder as an additional insured when required by written contract but only with respect to the legal See Attached...

## Certificate Holder

*For Information Purposes Only*

## Cancellation

**Should Any of the Above Described Policies Be Cancelled Before the Expiration Date Thereof, Notice Will Be Delivered in Accordance with the Policy Provisions.**

**Authorized Representative:**

[Signature]

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CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY) 06/30/17

CERTIFICATE OF LIABILITY INSURANCE

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFER NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER
Aon Risk Services, Inc of Florida
1001 Brickell Bay Drive, Suite #1100
Miami, FL 33131-4937

CONTACT
Aon Risk Services, Inc of Florida

PHONE: 800-743-8130

ADDRESS: ADP.COI.Center@Aon.com

INSURER(S) AFFORDING COVERAGE NAIC #
INSURER A : New Hampshire Ins Co 23841

INSURED
ADP TotalSource FL XIX, Inc.
10200 Sunset Drive
Miami, FL 33173

ALTERNATE EMPLOYER
Phase Engineering Inc
5524 Cornish Street
Houston, TX 77007

INSURER B :
INSURER C :
INSURER D :
INSURER E :
INSURER F :

COVERAGES CERTIFICATE NUMBER: 1656240 REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS. LIMITS SHOWN ARE AS REQUESTED.

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<td>UMBRELLA LIABILITY</td>
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<td>EXCESS LIABILITY</td>
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DEC RETENTION $ A WORKERS COMPENSATION AND EMPLOYERS' LIABILITY Y/ N
ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? N/A

WC 026160333 TX 07/01/17 07/01/18 X PER STATUTE OTHER
E.L. EACH ACCIDENT $ 2,000,000
E.L. DISEASE - EA EMPLOYEE $ 2,000,000
E.L. DISEASE - POLICY LIMIT $ 2,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

All worksite employees working for PHASE ENGINEERING INC, paid under ADP TOTALSOURCE, INC.'s payroll, are covered under the above stated policy. PHASE ENGINEERING INC is an alternate employer under this policy.

CERTIFICATE HOLDER

Phase Engineering Inc
5524 Cornish Street
Houston, TX 77007

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

Aon Risk Services, Inc of Florida

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REFERENCE SOURCES

- Site Sketch Maps: http://services.arcgisonline.com/arcgis/services.
- Texas Major & Minor Aquifers Geodatabase (Updated December, 2006): Texas Water Development Board (TWDB) GIS Data, http://www.twdb.state.tx.us/mapping/gisdata
- The Railroad Commission of Texas, Geographic Information System – Oil and Gas Well Digital Data Acquisition. Oil and gas well data and pipeline data were obtained from public records at the Railroad Commission of Texas (the Commission). http://www.rrc.state.tx.us.
- Certified Sanborn Map Report from Environmental Data Resources, Inc., 440 Wheelers Farms Road, Milford, Connecticut 06461
- AAI Environmental Data, 5524 Cornish Street, Houston, Texas 77007, http://aaidata.com/
- Texas Commission on Environmental Quality (TCEQ) Central Registry Database Search http://www12.tceq.state.tx.us/crpub/
- EPA Enforcement & Compliance History Online (ECHO) http://www.epa-echo.gov/echo