

**Phase I Environmental  
Site Assessment Report**

**370 +/- Acres  
Highway 185  
Calhoun County, TX**

*Prepared for*

Mr. Jerry Faskas  
P.O. Box 5203  
Victoria, TX 77903

*Prepared by*

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Job Number: ADES  
06/20/2007

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# **Detail Report**

# Phase I Environmental Site Assessment Detail Report

## 1.0 General Information

### Project Information:

370 +/- Acres

### Consultant Information:

AD Environmental  
8806 N. Navarro Street, Ste. 600 #125  
Victoria, TX 77904

Phone: 361-576-9494

Fax: 361-576-5437

E-mail Address:

Inspection Date:

Report Date: 06/20/2007

### Site Information:

370 +/- Acres

Highway 185

Calhoun County, TX

Latitude, Longitude: 31.169900, -100.099700

Site Access Contact:

### Client Information:

Mr. Jerry Faskas

P.O. Box 5203

Victoria, TX 77903

Site Assessor:

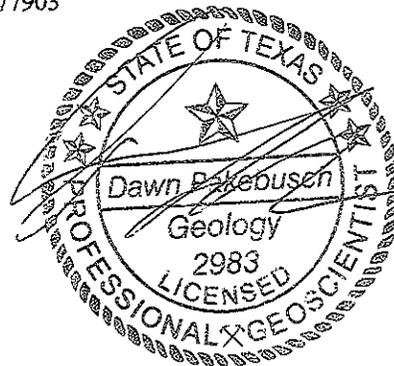


Brandon Huber  
Project Manager

Senior Reviewer:

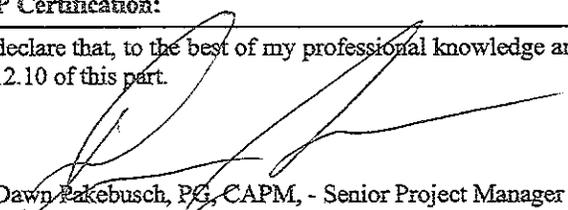


Dawn Pakebusch, PG, CAPM  
Senior Project Manager



### EP Certification:

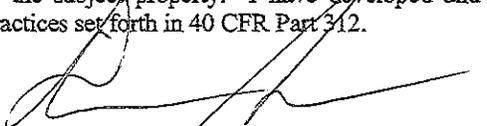
I declare that, to the best of my professional knowledge and belief, I meet the definition of Environmental Professional as defined in 312.10 of this part.



Dawn Pakebusch, PG, CAPM, - Senior Project Manager

### AAI Certification:

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



Dawn Pakebusch, PG, CAPM - Senior Project Manager

AAI CRITERIA	SECTION(S)
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## 2.0 Executive Summary

### 2.1 Subject Information

In June 2007, AD Environmental Services, LLC ("ADES") completed a Phase I Environmental Site Assessment (ESA) of approximately 370 +/- Acres of Vacant Land located along the western side of State Highway 185 in Green Lake, Calhoun County, Texas, hereinafter referred to as the "Site" or "Subject Property". This assessment was performed in an effort to identify "recognized environmental conditions" in connection with the Subject Property in compliance with ASTM Standard Practice for Environmental Site Assessments (E1527-05). The stated purpose of this assessment was to provide Mr. Jerry Faskas with knowledge regarding the environmental status of the Subject Property prior to the purchase of the real estate.

2.0 Executive Summary (continued)

2.1 Subject Information (continued)

This assessment included visual observation of the Site and limited observation of surrounding properties, review of historical ownership and land use, review of regulatory database listings, interviews and related sources. The site reconnaissance was conducted on June 18, 2007 by Mr. Brandon Huber and Ms. Dawn Pakebusch with ADES. The ADES representatives were accompanied by Mr. Glenn McGee with Circle K Realty during the site visit. Weather conditions at the time of the site reconnaissance were sunny and hot with a temperature in the low-90s. Visibility was clear.

The Subject Property is positioned along the western side of State Highway 185 approximately 1.5 miles north of the intersection of State 185 and State Highway 35 in Greenlake, Calhoun County, Texas. The Subject Property is irregular in shape and comprised of approximately 370 acres of land. Access to the Subject Property is from Highway 185. ADES inspected the Subject Tract along the gravel/dirt roads or areas that were cleared. Access to the entire Subject Property was limited due to heavy tree and brush growth. The Victoria Barge Canal bounds the Subject Tract to the west. This Subject Property includes six (6) separate tracts of land. Tract 1 has a set of cattle pens. There is a windmill structure near the pens but no evidence of a water well. Tract 2 has evidence of a house with only a concrete slab remaining. There was no evidence of a water well or septic system located near the previous house location. There is a utility pole with one (1) transformer located near the former house location. Tract 3 and 4 each have a retarding structure constructed in the natural drainage ditches to inhibit erosion prior to draining into the Victoria Barge Canal. Tract 3 has evidence of a house with only a concrete slab remaining. There is a water well located near the former house location. There was no evidence of a septic system located near the previous house location. There is a utility pole with one (1) transformer located near the former house location. Tract 5 had no evidence of any structures. The Tract located along State Highway 185 has three (3) easements, Union Pacific Railroad, Aire Liquid Pipeline and Seadrift Pipeline extending north-south through the Subject Property. The Seadrift Pipeline easement has four (4) separate pipelines and the Aire Liquid pipeline has two (2).

ADES noted three (3) large piles of soil on the Subject Property: one (1) pile on Tract 3; one (1) pile on Tract 4 and one (1) pile on the east portion of the property near State Highway 185. Mr. Harold Evans, who has been familiar with the Subject Property for about fifty years stated that the soil in the three (3) large piles originated from the excavations to construct the retarding structures located on Tract 3 and 4. The retarding structures were constructed approximately four (4) years ago. ADES noted that there is vegetation growth on the stockpiled soil with no stressed or discolored areas. There was no surficial staining noted along the pipeline or railroad easements other than evidence of managed weed control. The two (2) water wells located on the Subject Property should be sampled and analyzed for water quality before drinking. If the water wells are not to be utilized then ADES recommends that the wells be plugged and abandoned by a licensed water well driller. Mr. Evans said that there is one (1) designated production drill site located on Tract 1. Mr. Evans stated that the U.S. Corps of Engineers were responsible for the construction of the retarding walls, the Westside Navigation District is responsible for the dredging of the Barge Canal and the Water Control and Improvement District #1 is responsible for the drainage ditches. ADES recommends to that the U.S. Corps of Engineers, Westside Navigation District and the Water Control and Improvement District #1 be contacted concerning the drainage issues.

Review of aerial photographs (dated 1964 through 2005), chain-of-title, and historical interviews indicate that the Subject Property has historically been an undeveloped tract of land utilized for agricultural activities such farming row crops and cattle grazing. Environmental concern for the Subject Property does not appear warranted with respect to historical land use.

Regulatory information reviewed for purposes of this assessment did not indicate the current presence of a registered facility at the Subject Property.

2.2 Data Gaps

ADES has been able to research the use of the Subject Property back to its first developed use. No data gaps have been encountered for this property.

2.3 Environmental Report Summary

AD Environmental Services, LLC (ADES) performed a Phase I Environmental Site Assessment of approximately a 370 acre tract of land located along the western side of State Highway 185 approximately 1.5 miles north of the intersection of State 185 and State Highway 35 in Greenlake, Calhoun County, Texas. The purpose of the assessment was to identify potential environmental concerns in accordance with the requirements of the American Society for Testing and Materials (ASTM) Practice E1527-05 for Phase I Environmental Site Assessments.

Phase I Environmental Site Assessment Detail Report

2.0 Executive Summary (continued)

2.3 Environmental Report Summary (continued)

Report Section	No Further Action	REC	HREC	Issue/Further Investigation	Comments
4.4	Current Use of Property			X	Land use, safety and environmental considerations should be performed prior to any future development on the Subject Property. Also, the U.S. Corps of Engineers, Westside Navigation District and the Water Control & Improvement District #1 be contacted- See Recommendations.
4.6	Adjoining Property Information			X	Prior to any future development, land use, safety and environmental considerations should be evaluated concerning the 450+/- acres, which is owned by Ineos.
6.1	Standard Environmental Records Sources	X			
6.4.1	Historical Summary	X			
6.4.6	Other Environmental Reports	X			
7.3.1	Hazardous Substances	X			
7.3.3	USTs	X			
7.3.4	ASTs	X			
7.3.5	Other Suspect Containers	X			
7.3.6	Equipment Likely to Contain PCBs	X			
7.3.11	Stained Soil/Stressed Vegetation	X			
9.1	Asbestos-Containing Materials	X			
9.2	Lead-Based Paint	X			
9.3	Radon	X			

2.4 Recommendations

In summary, ADES has performed a Phase I Environmental Assessment in conformance with the scope and limitations of ASTM Standards Practice E1527-05 of approximately 370 +/- acres along the western side of State Highway 185 approximately 1.5 miles north of the intersection of State 185 and State Highway 35 in Greenlake, Calhoun County, Texas. Any exceptions to, or deletions from, this practice are described within the attached report. This assessment has revealed no evidence of recognized environmental conditions in connection with the Subject Property and no recommendations for further environmental efforts are provided pursuant to this report. ADES does recommend that the U.S. Corps. of Engineers, Westside Navigation District and the Water Control and Improvement District #1 be contacted concerning the drainage ditches located on the Subject Property specifically concerning the maintenance, dredging, drainage and the access

**2.0 Executive Summary (continued)**

**2.4 Recommendations (continued)**

agreements. The U.S. Corps of Engineers can be contacted concerning any wetlands issues on the Subject Property. Prior to any future development plans ADES recommends that land use, safety and environmental issues be considered, due to the railroad and pipeline easements located on the eastern portion of the Subject Property. Also, prior to any future development, land use, safety and environmental issues should be considered concerning the north adjacent property owned by Ineos and the designated drill site on Tract 1. The two (2) water wells located on the Subject Property should be sampled and analyzed for water quality before drinking or if the wells are not to be utilized then a licensed water well driller should properly plug and abandon the wells.

**3.0 Introduction**

**3.1 Purpose**

AD Environmental Services, LLC ("ADES") performed a Phase I ESA of the above-referenced property (hereinafter, the Subject Property). Mr. Jerry Faskas authorized this study.

**3.2 Scope of Work**

This ESA was performed in general accordance with the American Society for Testing and Materials (ASTM) Designation E 1527-05, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process (ASTM E 1527-05). ADES prepared this report as its instrument of service which includes limited research, a review of specified and reasonably ascertainable listings and a site reconnaissance to identify "recognized environmental conditions" as these are defined under ASTM 1527-05; however, this ESA may reflect additional or reduced services requested or authorized by the client. Opinions and findings offered in this report are based upon observable conditions or features and information derived from the most recent site reconnaissance date and from other activities described herein. In accordance with ASTM 1527-05, this ESA was not intended to identify de minimis conditions that do not present a material risk of harm to the public health or the environment and would not be the subject of an enforcement action if brought to the attention of appropriate governmental entities.

**3.3 Significant Assumptions**

There is a possibility that even with the proper application of methodologies there may exist on the Subject Property conditions that could not be identified within the scope of the assessment or which were not reasonably identifiable from the available information. ADES believes that the information obtained from historical resources, personal interviews, previous environmental reports and state agency files concerning the site is reliable. However, ADES cannot and does not warrant or guarantee that the information provided by these other sources is accurate or complete. The methodologies of this assessment are not intended to produce all inclusive or comprehensive results, but rather to provide the client with information relating to the Subject Property.

ADES also believes that the information obtained from the client assumes that this investigation is being conducted to identify recognized environmental conditions concerning the Subject Property, and to permit the user to satisfy one of the requirements to qualify for the innocent landowner defense to CERCLA liability. This investigation may mention but does not fully address non-scope considerations such as, but not limited to, asbestos containing materials (ACM), radon, lead-based paint (LBP), lead in drinking water, mold, wetlands, regulatory compliance, cultural and historical resources, industrial hygiene, health and safety, ecological resources, endangered species, indoor air quality, and/or high voltage power lines, although, one or more may be mentioned in the report as a business environmental risk concern.

**3.4 Limitations and Exceptions**

General Limitations & Exceptions

In order to accurately represent the services performed, ADES offers information describing the limitations applicable to this ESA. This ESA did not include any inquiry with respect to asbestos, methane, radon, lead-based paint, lead-in drinking water, formaldehyde, endangered species, wetlands, indoor air quality, high voltage line, subsurface investigation activities or other services or potential conditions not specified and discussed herein. This ESA is not a comprehensive site characterization or regulatory compliance audit. Specifically, ADES does not and cannot represent that the site contains no hazardous or toxic materials, products, or other latent conditions beyond that observed by ADES professionals during assessment activities. In those instances where additional services are included in the report as requested or authorized by the client, specific limitations attendant to those services are presented in the text of the report.

**3.0 Introduction (continued)**

**3.4 Limitations and Exceptions (continued)**

The findings and opinions conveyed in this ESA are based upon information obtained at a specific date from a variety of sources listed herein, and which ADES believes is reliable. Nonetheless, ADES cannot and does not warrant the authenticity or reliability of the information sources such as regulatory databases. Further, the services herein shall in no way be construed, designed or intended to be relied upon as legal interpretation or advice.

**3.5 Deviations**

No deviations from the recommended scope of ASTM Standard E 1527-05 were performed as part of this Phase I ESA with the exception of any additions noted in Detailed Scope of Services.

**3.6 Special Terms and Conditions**

This ESA was performed in accordance with generally accepted practices of the profession undertaken in similar studies at the same time and in the same geographical area, and ADES observed that degree of care and skill generally exercised by the profession under similar circumstances and conditions. No other warranties, either expressed or implied, apply to the services hereunder.

**3.7 Reliance**

In accordance with ASTM E 1527-05 Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process, AD Environmental Service, LLC has presented this fact finding report for the Subject Property. The findings set forth in this report are strictly limited in time and scope of the dates of the evaluation. The conclusions presented in the report are based solely on the services described herein, and not on scientific tasks or procedures beyond the scope of the agreed services. This study and report were prepared on behalf and for the exclusive use of Mr. Jerry Faskas), solely for his use and reliance in the environmental assessment of the site.

Partial findings of this investigation are based on data provided by others. NO WARRANTY IS EXPRESSED OR IMPLIED WITH THE USAGE OF SUCH DATA. Much of the information provided in this report is based upon personal interviews and research of documents, records and maps held by the appropriate government and private agencies. This report is subject to the limitations of historical documentation, availability, and accuracy of pertinent records, and the personal recollection of those persons contacted.

This investigation takes into consideration the natural and man-made features at the subject property and adjacent properties, including any visual factors, combined with each site's surface geology, hydrology, topography, and past/present land uses. The visual surface data gathered and reported as outlined is presented as a representative overview as of the date reported and within the constraints imposed by the client. This ESA Phase I report is limited to a visual surface investigation considering no subsurface determinations. While there was no evidence discovered to the contrary, or to indicate otherwise, environmental hazards could be present in a non-visible condition in the soil or groundwater of this subject property. Maximum liability of this project shall be limited to the dollar amount charged.

**4.0 Site Description**

**4.1 Location and Legal Description**

The Subject Property is approximately 370 +/- Acres of Vacant Land located along the western side of State Highway 185 in Green Lake, Calhoun County, Texas.

**Legal Description:**

"Being a 414.65 Acre Tract Save and Except 51.73 Acres, More or Less, Situated in and a Part of the John Pollan Survey, Abstract No. 128 and the Joseph Timmons Survey, Abstract No. 147, in Calhoun County"  
Property boundaries have been presented in Figure 2.

**4.0 Site Description (continued)**

**4.2 Activity/Use Limitations**

An Environmental Lien Search was completed by Texas Environmental Research. No environmental liens have been filed of public record and that it has been determined that the Subject Property complies with ASTM E 1527-05-SEC. 7.3.4.4 and Section 5.2.

**4.3 Site and Vicinity Description**

The Subject Property is positioned in a rural portion of Calhoun County, Texas and is utilized for agriculture.

Utilities

Sanitary Sewer: Not supplied to the Subject Property  
Storm Sewer: Not supplied to the Subject Property  
Electric: Not supplied to the Subject Property  
Natural Gas: Not supplied to the Subject Property

**4.4 Current Use of Property**

The Subject Property is an undeveloped tract of land utilized for agricultural activities such as farming row crops and cattle grazing throughout the years.

**4.5 Description of Structures and Other Improvements**

The Subject Property is positioned along the western side of State Highway 185 approximately 1.5 miles north of the intersection of State 185 and State Highway 35 in Greenlake, Calhoun County, Texas. The Subject Property is irregular in shape and comprised of approximately 370 acres of land. Access to the Subject Property is from Highway 185. ADES inspected the Subject Tract along the gravel/dirt roads or areas that were cleared. Access to the entire Subject Property was limited due to heavy tree and brush growth. The Victoria Barge Canal bounds the Subject Tract to the west. This Subject Property includes six (6) separate tracts of land. Tract 1 has a set of cattle pans. There is a windmill structure near the pens but no evidence of a water well. Tract 2 has evidence of a house with only a concrete slab remaining. There was no evidence of a water well or septic system located near the previous house location. There is a utility pole with one (1) transformer located near the the former house location. Tract 3 and 4 each have a retarding structure constructed in the natural drainage ditches to inhibit erosion prior to draining into the Victoria Barge Canal. Tract 3 has evidence of a house with only a concrete slab remaining. There is a water well located near the former house location. There was no evidence of a septic system located near the previous house location. There is a utility pole with one (1) transformer located near the former house location. Tract 5 had no evidence of any structures. The Tract located along State Highway 185 has three (3) easements, Union Pacific Railroad, Aire Liquid Pipeline and Seadrift Pipeline extending north-south through the Subject Property. The Seadrift Pipeline easement has four (4) separate pipelines and the Aire Liquid pipeline has two (2).

**4.6 Adjoining Property Information**

Adjoining properties were visually examined from public access right-of-ways to make a cursory assessment of the current land use and its potential for recognized environmental conditions which may have impact on the site. Reconnaissance of adjoining properties was performed by viewing the land from accessible point from the Subject Property. State Highway 185 bounds the site to the east; the Victoria Barge Canal bounds the property to the west; undeveloped land bounds the Subject Tract to the south and undeveloped land bound the property to the north, which is owned by Ineos. This Subject Property does include a portion of the Victoria Barge Canal.

**5.0 User Provided Information**

**5.1 Specialized Knowledge**

ADES has no specialized knowledge of the Subject Property outside of the research which was conducted and reported as part of this report. The property ownership as well as all individuals who were interviewed as part of this investigation, have not reported any specialized knowledge of this property outside of what is contained in this report.

# Phase I Environmental Site Assessment Detail Report

## 5.0 User Provided Information (continued)

### 5.2 Valuation Reduction for Environmental Issues

No environmental issues were identified by the user/client that could result in property value reduction.

### 5.3 Owner, Property Manager, and Occupant Information

No other pertinent information in connection with the Subject Property was provided by the owner, the property manager, or the occupant.

### 5.4 Reason For Performing Phase I

The purpose of this Phase I Environmental Site Assessment (ESA) was to identify existing or potential Recognized Environmental Conditions (as defined by ASTM Standard E-1527-00) in connection with the Subject Property. The stated purpose of this assessment was to provide Mr. Jerry Faskas with knowledge regarding the environmental status of the Subject Property prior to purchase of the real estate.

## 6.0 Records Review

### 6.1 Standard Environmental Records Sources

The purpose of the records review is to obtain and review reasonably ascertainable records that will help identify recognized environmental conditions in connection with the site. For this review, records were obtained from TelAll Environmental Data Search. The approximate minimum search distance for the site vicinity review is noted under each database listed below.

The information obtained by reviewing these databases is subject to the accuracy of the information provided by these sources. Acronyms which are commonly used to identify databases are defined in the acronyms section following the table of contents of this report. A copy of the regulatory information is presented in Appendix D of this report.

A summary of the database information in the site vicinity appears below.

Database List	Subject Property Listings	Total Number of Listings	Environmental Concern Posed to the Subject Property
Federal NPL Sites (< 1 mile)			
Federal CERCLIS Sites (< 0.5 mile)			
Federal CERCLIS NFRAP Sites (Property & Adjoining)			
RCRA CORRACTS Sites (< 1 mile)			
RCRA TSD Facilities (< 0.5 mile)			
RCRA SQG (Target & Adjacent)			
RCRA LQG (Target & Adjacent)			
Federal ERNS Sites (Target Property Only)			
State HW Sites (< 1 mile)			
State CERCLIS Sites (< 0.5 mile)			
Landfill/SW Disposal Sites (< 0.5 mile)			
LUST Sites (< 0.5 mile)			
UST/AST Sites (Property & Adjacent)			

### 6.2 Additional Environmental Record Sources

Calhoun County Appraisal District (CCAD)

Contact: Patty, a representative

Phone: 361-552-4560

Findings: ADES contacted the Calhoun County Appraisal District (CCAD) in an effort to obtain information regarding the Subject Property, specifically historical land use. Patty, a representative with CCAD informed the ADES representative that there was no additional information available.

**6.0 Records Review (continued)**

**6.2 Additional Environmental Record Sources (continued)**

Given the rural setting and historical land use, no additional environmental agencies were contacted for purposes of this assessment.

**6.3 Physical Setting Sources**

The following sources were used in the preparation of this document with regard to the physical setting of the Subject Property:

- The United States Geological Survey (USGS) Topographic Map, Greenlake, Texas Quadrangle;
- US Department of Agriculture Natural Resource Conservation Service (NRCS) website;
- University of Texas, Bureau of Economic Geology, Geologic Atlas of Texas, Bay City, 1976;
- TelAll Corporation, Austin, Texas (environmental regulatory database);
- Flood Source website ([www.floodsource.com](http://www.floodsource.com)), flood zone map; and
- 2006 MapQuest, site location map.

**6.3.1 Topography**

The current 7.5 minute USGS Topographic Quadrangle Map of Greenlake, Texas, indicates that the site is located on relatively flat terrain on the main portion of the Subject Property with a slope to the west toward the Victoria Barge Canal. The property also drains toward the large natural drainage ditches on Tracts 3 and 4. Surface elevation on the main portion of the site is approximately 40 feet above mean sea level.

**6.3.2 Surface Water Bodies**

There is the Victoria Barge Canal that bounds the Subject Property to the west. There is one pond located on the the Subject Property. There are two (2) natural drainage ditches with man-made retarding structures located on Tracts 3 and 4 that had water collected beneath the structure.

**Flood Zone**

Site records review included an assessment of flooding potential for the area. The flood hazard map panel number is 4800970131C, dated January 3, 1985. The Subject Property is in Zone B to the west along the Victoria Barge Canal and Zone C on the eastern portion of the Subject Property.

**6.3.3 Geology and Hydrology**

**Geology**

The Geologic Atlas of Texas, Beeville-Bay City Sheet, indicates that the site is located in the Pleistocene-age Beaumont Formation (Qb). This formation consists primarily of sand, silt, clay and minor amounts of gravel.

**Hydrogeology**

The Gulf Coast aquifer covers all or part of 53 counties and is composed of Miocene to Holocene sediments of the Catahoula, Oakville, Lagarto, Goliad, Willis, Lissie and Beaumont formations, as well as overlying surficial deposits. Water bearing units dip in a gulfward direction. The aquifer is known to yield fresh to slightly saline water which is acceptable for irrigation, and public water supply. However, there is little or no documented use of shallow ground water in the Jim Wells County area.

**6.4 Historical Use**

**6.4.1 Historical Summary**

Historical use of the site was reviewed from the present back to the site's initial apparent use or to 1950, whichever is earlier. This review considered listed ASTM standard historical sources deemed necessary and reasonably ascertainable to develop a history of the site and adjoining properties which may suggest ASTM recognized environmental conditions.

**6.0 Records Review (continued)**

**6.4 Historical Use (continued)**

**6.4.1 Historical Summary (continued)**

Review of aerial photographs (dated 1964 through 2005), chain-of-title, and historical interviews indicate that the Subject Property has historically been an undeveloped tract of land utilized for agricultural activities. Environmental concern for the Subject Property does not appear warranted with respect to historical land use.

**6.4.2 Title Records**

Calhoun County, Texas, deed records were reviewed by Texas Environmental Research to obtain the ownership history for the site. The Subject Property was originally a portion of a larger tract of land consisting of approximately 414.65 acres. The larger tract of land (inclusive of the Subject Property) was historically owned by private individuals from 1937 through 1979. On July 4, 1979, title to the larger tract of land (inclusive of the Subject Property) was transferred to Frost National Bank, Trustee for the Mueller Estate. Green Lake Limited is recorded as the current owner of the Subject Property since March 6, 1985. A copy of the Chain-of Title is included in Appendix C of the Report.

**6.4.3 City Directories**

City Directories include listings of residents, businesses and professional entities organized both alphabetically by name similar to a telephone book, alphanumerically by street name and specifically by street address. Given that the Subject Property is an undeveloped tract of land with no specific address, a city directory search was not performed for purposes of this assessment.

**6.4.4 Aerial Photos**

Reasonably available aerial photographs depicting development of the site vicinity were reviewed at periodic intervals, as summarized below. Evaluation of aerials is limited by each photograph's scale and quality. Aerial photos were provided by TelAll Corporation for 1964 (scaled 1"=700'), 1979 (scaled 1"=1,667'), 1990, 1995, and 2005 (all scaled 1" = 700'). These were the only aerials found for this location. Due to the small scale, the exact use of the Subject Property and surrounding area can not be identified. Review of the aerial photographs is presented below. Copies of the aerial photographs are presented in Appendix C of this Report.

1964 The Subject Property and surrounding area is an undeveloped tract of land, utilized for row crop farming. The portion of the property that has the natural drainage ditches was not cultivated. State Highway 185 bounds the site to the east and the Victoria Barge Canal to the west.

1979 The Subject Property and surrounding area is an undeveloped tract of land. The south portion of the Subject Property appears to be cultivated for agricultural use and the surrounding property to the east. State Highway 185 bounds the site to the east and the Victoria Barge Canal to the west.

1990 The Subject Property and surrounding area is an undeveloped tract of land, utilized for row crop farming. The portion of the property that has the natural drainage ditches was not cultivated. State Highway 185 bounds the site to the east and the Victoria Barge Canal to the west.

1995 The Subject Property and surrounding area appears similar to its representation in the 1990 aerial photograph.

2005 The Subject Property and surrounding area appear much as they did at the time of ADES's assessment.

From review of the aerial photographs, there is no evidence that the site has been adversely impacted by past land use. Oil exploration activities, landfills or stockpiled materials were not observed directly on the Subject Property.

**6.4.5 Sanborn/Historical Maps**

The Sanborn Fire Insurance Company initiated the preparation of maps for use by insurance companies in the late 1800s. These maps (when available) provide environmentally significant detail, such as building construction material, property use and the location of any known flammable/combustible materials such as fuel tanks and solvent storage. These maps were generally prepared for urban areas and periodically updated. The Subject Property was not included in the Sanborn Map collection reviewed from the TexShare Database system.

**6.0 Records Review (continued)**

6.4 Historical Use (continued)

6.4.6 Other Environmental Reports

No previous environmental reports were presented to ADES for review nor were any such reports known to exist.

6.4.7 Building Department Records

Given that the Subject Property is an undeveloped tract of land, Building Department Records were not reviewed for purposes of this assessment.

6.4.8 Other Land Use Records

No other Land Use Records were reviewed for purposes of this assessment.

6.5 Environmental Liens and Activity/Use Limitations

No environmental liens or activity/use restrictions in connection with the Subject Property were identified by the user/client.

**7.0 Site Reconnaissance**

7.1 Methodology and Limiting Conditions

The site reconnaissance was conducted on June 18, 2007 by Mr. Brandon Huber and Ms. Dawn Pakebusch with ADES. The ADES representatives were accompanied by Mr. Glenn McGee with Circle K Realty during the site visit. Weather conditions at the time of the site reconnaissance were sunny and hot with a temperature in the low-90s. Visibility was clear. The Subject Property is positioned along the western side of State Highway 185 approximately 1.5 miles north of the intersection of State 185 and State Highway 35 in Greenlake, Calhoun County, Texas. The Subject Property is irregular in shape and comprised of approximately 370 acres of land. Access to the Subject Property is from Highway 185. ADES inspected the Subject Tract along the gravel/dirt roads or areas that were cleared. Access to the entire Subject Property was limited due to heavy tree and brush growth. The Victoria Barge Canal bounds the Subject Tract to the west. Photographs of pertinent site features identified during the site reconnaissance are included Appendix B of this report.

7.2 General Site Setting

The Subject Property is situated in an area of undeveloped land primarily used for agricultural purposes, such as cattle ranching, in a rural portion of Calhoun County, Texas.

7.3 Site Visit Findings

7.3.1 Hazardous Substances

Hazardous wastes which would require manifest and/or regulated disposal were not observed on the Subject Property or believed to be generated on the Site.

7.3.2 Petroleum Products

No petroleum products were identified on the Subject Property during the site reconnaissance.

7.3.3 USTs

No USTs were identified on the Subject Property and no common indicators of USTs such as vent lines, pump dispensers, or ancillary equipment were observed.

**7.0 Site Reconnaissance (continued)**

**7.3 Site Visit Findings (continued)**

**7.3.4 ASTs**

No ASTs were observed at the Subject Property. The site is not recorded as an AST facility in regulatory database information obtained for purposes of this assessment.

**7.3.5 Other Suspect Containers**

No other suspect containers were identified on the Subject Property during the site reconnaissance.

**7.3.6 Equipment Likely to Contain PCBs**

Two (2) electrical transformers were identified at the site but did not appear to have any leakage.

Polychlorinated Biphenyls (PCBs) are toxic coolant or lubricating oils used in some electrical transformers, light ballasts, electrical panels, or other similar equipment.

**7.3.7 Interior Staining/Corrosion**

Given that the Subject Property is an undeveloped tract of land with no buildings and/or other improvements, no interior staining/corrosion was observed during the site reconnaissance.

**7.3.8 Discharge Features**

Given that the Subject Property is an undeveloped tract of land with no buildings and/or other improvements, no discharge features (floor drains, catch basins, oil/water separators, etc.) were observed during the site reconnaissance.

**7.3.9 Pits, Ponds, And Lagoons**

One pond and two natural drainage ditches with standing water were observed on the Subject Property during the site reconnaissance. ADES did not observe any sheens or evidence of contamination in the bodies of water.

**7.3.10 Solid Waste Dumping/Landfills**

There are three (3) large piles of soil that was said to be removed from the retaining wall excavations. No readily apparent evidence of solid waste dumping, suspect fill material, or landfills was identified on the Subject Property during the site reconnaissance.

**7.3.11 Stained Soil/Stressed Vegetation**

No stained soil or stressed vegetation was observed on the Subject Property during the site reconnaissance.

**7.3.12 Wells**

There are two (2) water well noted on the Subject Property. ADES recommends to sample the water wells for water quality prior to utilizing the water wells. If the water wells are not to be used then a licensed water well driller should be contacted to properly plug and abandon the wells.

**8.0 Interviews**

ADES contacted Mr. Tiller, an adjacent land owner (south of FM 625) in an effort to obtain information regarding the Subject Property, specifically historical land use. Mr. Tiller stated that he was a long time resident of the area and as far as he could remember, the Subject Property and surrounding area has been cultivated farm land. Mr. Tiller stated that he farmed the large tract of land (inclusive of the Subject Property) for A. O. Cook (previous land owner) for approximately 10 to 15 years. Additionally, Mr. Tiller informed the ADES representative that "spoilage pits" were once located in the limits of the Subject Property. "Spoilage pits" are reportedly large holes in the ground where grain is stored for fermenting. To the best of Mr. Tiller's knowledge, there has been no environmental concern associated with the Subject Property.

**8.0 Interviews (continued)**

The site reconnaissance was conducted on June 18, 2007 by Mr. Brandon Huber and Ms. Dawn Pakebusch with ADES. The ADES representatives were accompanied by Mr. Glenn McGee with Circle K Realty during the site visit. Mr. McGee showed ADES where the two houses were previously located and he said that the houses were moved to Long Mott. The two (2) water well were jetted and he said that one well was a good well and the other was not. He showed ADES where the designated production drill site was for the Subject Property. He showed ADES where the pond was located and the two drainage ditches with the retarding structures. Mr. McGee did not know of any environmental concerns with the Subject Property. Mr. McGee said that the three (3) large piles of soil were from the construction of the retarding structures along the drainage ditches. Mr. McGee did not know of any concerns with the Union Pacific Railroad, Aire Liquid Pipeline and Seadrift Pipelines.

ADES contacted Mr. Harold Evans, who has been familiar with the Subject Property for about fifty years stated that the soil in the three (3) large piles originated from the excavations to construct the retarding structures located on Tract 3 and 4. The retarding structures were constructed approximately four (4) years ago. Mr. Evans said that there is one (1) designated production drill site located on Tract 1. Mr. Evans stated that the U.S. Corps of Engineers were responsible for the construction of the retarding walls, the Westside Navigation District is responsible for the dredging of the Barge Canal and the Water Control and Improvement District #1 is responsible for the drainage ditches. ADES recommends to that the U.S. Corps of Engineers, Westside Navigation District and the Water Control and Improvement District #1 be contacted concerning the drainage issues.

**9.0 Other Environmental Considerations**

**9.1 Asbestos-Containing Materials**

Given that the Subject Property was an undeveloped tract of land and not associated with any buildings/improvements, an asbestos survey was not included within the scope of services performed for purposes of this assessment.

**9.2 Lead-Based Paint**

Given that the Subject Property was an undeveloped tract of land and not associated with any buildings/improvements, lead-based paint was not observed during this assessment.

**9.3 Radon**

The Calhoun County area is not considered to have potentially elevated radon levels. The average radon concentration, as measured in a first floor living area within the vicinity of the Subject Property, is reported to be less than 2.0 pCi/L. The USEPA action level is 4.0 pCi/L. Indoor radon levels depend both on a building's construction and the concentration of radon in the underlying soil. Radon testing was not performed at the Subject Property.

**9.4 Wetlands**

Conditions observed by ADES at the Subject Property did not indicate evidence of inundation by standing water. ADES did note minimal presence of vegetation typically associated with designated wetlands. ADES does recommend to contact the US Corps of Engineers to verify that there are no wetlands on the Subject Property prior to future development.

**9.5 Microbial Contamination (Mold)**

Given that the Subject Property is an undeveloped tract of land, an indoor air quality inspection was not performed for purposes of this assessment.

**9.6 Client-Specific Items**

No additional Client-specific items were requested or observed.

## **Acronyms & Abbreviations**

## Acronyms and Abbreviations

AEC	Atomic Energy Commission
AIG	American International Group
AQCR	Air quality control regions
ARAR	Applicable or relevant and appropriate requirement ARP Accidental Release Program
AST	Aboveground storage tank
ASTM	American Society for Testing and Materials
BOD	Biochemical oxygen demand
BTU	British thermal unit
BTEX	Benzene-toluene-ethylbenzene-xylene
°C	Degrees Celsius
CA	California
CAA	(Federal) Clean Air Act
CCME	Canadian Council of Ministers of the Environment
CDEP	Connecticut Department of Environmental Protection
CEPA	Canadian Environmental Protection Act
CERCLA	(Federal) Comprehensive Environmental Response Compensation and Liability Act of 1980
CFC	Chlorofluorocarbon
C.F.R.	Code of Federal Regulations
CLP (EPA)	Contract Laboratory Program
CMHC	Canada Mortgage and Housing Corporation
CO	Carbon monoxide
CZMA	(Federal) Coastal Zone Management Act
DDT	Dichloro diphenyl trichloro ethane
DEC	Department of Environmental Conservation (New York State)
DEP	Department for Environmental Protection (Florida; Massachusetts; New Jersey)
DEPE	Department of Environmental Protection and Energy (New Jersey)
DEQ	Department of Environmental Quality (Louisiana)
DER	Department of Environmental Resources (Pennsylvania)
DMR	Discharge Monitoring Report
DI	Deionized
DNR	Department of Natural Resources (Michigan)
DOE	(U.S.) Department of Energy
DOH	Department of Health (New York State)
DOI	(U.S.) Department of Interior
DOL	(U.S.) Department of Labor
DOT	(U.S.) Department of Transportation
EIS	Environmental Impact Statement
EM	Electromagnetic
EP	Extraction procedure
EPA (U.S.)	Environmental Protection Agency
°F	Degrees Fahrenheit
f/cc	fibers per cubic centimeter
Fed.Reg.	Federal Register
FID	Flame ionization detector
FOIA	(Federal) Freedom of Information Act
FWPCA	Federal Water Pollution Control Act
GC	Gas chromatograph

GC/MS	Gas chromatography/mass spectrometry
gal	gallon
gph	gallons per hour
GPR	Ground-penetrating radar
H <sub>2</sub> S	Hydrogen sulfide
HA	Halogenated aromatics
HAP	Hazardous air pollutant
HCFC	Hydrochlorofluorocarbons
HCS	(OHS) Hazard Communication Standard
HRS	Hazard Ranking System
HSWA	(Federal) Hazardous and Solid Waste Amendments of 1984
HWM	Hazardous waste management (facilities)
kPa	kilopascal
L	liter
LAER	Lowest achievable emission rate
LEL	Lower explosive limit
LNG	Liquid natural gas
LSP	Licensed site professionals (Massachusetts)
LUST	Fund Leaking underground storage tank (petroleum)
m <sup>3</sup>	cubic meter
MCL	Maximum contaminant level
MCLG	Maximum contaminant level goal
MCP	Massachusetts Contingency Plan
MeV	Million electron volts
mg/l	milligrams per liter
ml	milliliter
MMS	Minerals Management Service
MS	Mass spectrometry
MSDS	Material safety data sheet
NFA	No Further Action (letter)
NGWA	National Ground Water Association
N <sub>2</sub> O	Nitrogen dioxide
Nox	Nitrogen oxides
NPDES	National Pollutant Discharge Elimination System
NPL	National Priorities List
NRC	Nuclear Regulatory Commission
O <sub>2</sub>	Oxygen
O <sub>3</sub>	Ozone
O&M	Operating and maintenance
ODCs	Other direct costs
OSHA	Occupational Safety and Health Act
OVA	Organic vapor analyzer
PCB	Polychlorinated biphenyl
PCi/l	Picocuries per liter
PEL	Permissible airborne exposure level
PID	Photoionization detector
POTW	Publicly owned treatment works
ppb	parts per billion
ppm	parts per million
PRPs	Potentially responsible parties
PSD	Prevention of significant deterioration

psi	pounds per square inch
PVC	Polyvinyl chloride
QA	Quality assurance
QC	Quality control
R.A.	Regional Administrator
R&D	Research and development
RAP	Remedial Assessment Plan
RCP	Response Claims Procedure
RCRA	(Federal) Resource Conservation and Recovery Act
rem	Roentgen equivalent man [a measure of radiation]
RI/FS	Remedial Investigation & Feasibility Study
RMP	Risk management plan
RMPP	Risk Management and Prevention Programs
ROD	Record of Decision
RQ	Reportable quantity
RUST	Program Repair of Underground Storage Tank Program
SARA	(Federal) Superfund Amendments and Reauthorization Act of 1986
SDWA	(Federal) Safe Drinking Water Act
SEC	Securities and Exchange Commission
SOW	Scope of work
SPCC	Plan Spill Prevention Control and Countermeasure Plan
SPDES	State Pollutant Discharge Elimination System (New York)
SQG	Small quantity generator
SWDA	(Federal) Solid Waste Disposal Act of 1965 .
SWMA	Solid Waste Management Act (New Jersey)
SWMU	Solid waste management unit
T	Temperature
TAT	Turn-around time
TBC	To-be-considered (material)
TCLP	Toxicity characteristic leaching procedure
TOC	Total organic carbon
TSCA	(Federal) Toxic Substance Control Act
UEL	Upper explosive limit
USGS	United States Geological Survey
UST	Underground storage tank
UV	Ultraviolet
vs.	versus
VCP	Voluntary Cleanup
VOA	Volatile organic analyses
VOC	Volatile organic compound
WQA	(Federal) Water Quality Act

## **Glossary**

## Glossary

<b>Action-specific ARARS</b>	usually technology-or activity-based requirements or limitations on actions or conditions involving specific substances.
<b>Alpha particle</b>	a positively charged nuclear particle, consisting of two neutrons and two 1 protons, emitted with high energy (3 to 8 Me V) during some nuclear 1 transformations.
<b>Annual aggregate financial ability</b>	the amount of money that would be required to pay for accidental releases that may occur within 12 months.
<b>Area of concern</b>	a term defined in (New Jersey's) Industrial Site Reclamation Act referring to any location where hazardous substances or wastes are or may be present.
<b>As-Is Site Plan</b>	drawing of the existing site layout, shows property boundaries, streets bordering the site, and building locations and configurations, other site features, and includes an accurate scale and the north direction.
<b>Barrier remediation</b>	prevents radon from entering the enclosure.
<b>Becquerel</b>	international unit of measurement for the rate of nuclear transformations (per second).
<b>Beta particle</b>	an electrically-charged particle [either positive (positron) or negative (electron)], ejected from the nucleus of an atom during radioactive decay; has the mass of an electron, can penetrate skin, up to about 1/4 inch.
<b>Caveat emptor</b>	meaning "let the buyer beware;" without a warranty the buyer takes the risk of quality upon himself
<b>Certification (laboratories)</b>	granted by some states to certain laboratories; ensures that laboratories meet certain minimum standards.
<b>Chemical-specific ARARs</b>	usually health-or risk-based values or methodologies used to determine acceptable concentrations of chemicals that may be found in, or discharged to, the environment. Maximum contaminant levels (MCLs) or other water quality criteria are examples of chemical-specific ARARs.
<b>Composite sample</b>	a single composite sample is made up of a combination of samples.
<b>Conventional pollutant</b>	EP A has identified five; biochemical oxygen demand, total suspended solids, pH, fecal coliform, and grease.

<b>Criteria pollutant</b>	a pollutant for which EPA has established, under the Clean Air Act, a national standard.
<b>Curie</b>	unit of measurement of the rate of nuclear transformations (per second), approximately equal to the radiation from one gram of radium.
<b>Dilution ventilation</b>	a method of radon remediation; increases the frequency of air exchange in an enclosure.
<b>Direct discharge</b>	one that is released into the 'waters of the United States.'
<b>Discharge of dredged material</b>	generally means any addition of reintroduction of the material, either directly or indirectly, including 'runoff or overflow from a contained land or water disposal area.'
<b>Discharge of a pollutant</b>	CWA defines this as any addition of a pollutant to receiving waters. Dredged material material excavated or dredged from water bodies.
<b>Due diligence</b>	identifying and evaluating environmental liabilities and risks is also known as performing due diligence.
<b>Duplicate samples</b>	provide information about the precision of a laboratory's results by providing a check to determine if the correct sampling technique or method was used; may be a mandatory requirement of some regulatory agencies. Duplicate samples should be collected at locations where suspected contaminant levels are believed to be at their highest concentrations.
<b>Eminent domain</b>	the inherent right of the state or its designated agents to appropriate or take private property provided that the property owner receives just compensation for the taking and there has been a determination that a valid public necessity exists for the taking.
<b>Environmental due diligence process</b>	the process used to investigate a commercial or industrial property (usually prior to completion of a real estate transaction) for contamination by hazardous wastes or hazardous substances.
<b>Environmental professional</b>	ASTM standards terminology used to describe a person possessing the necessary training and experience to conduct all aspects of the ESA and also the ability to develop valid conclusions regarding the presence of recognized environmental conditions. The term is typically interchangeable with consultant, assessor, environmental assessor, engineering consultant, geologist, hydrogeologist, or certified engineering geologist.

<b>Existing source</b>	is one, the construction of which commenced before publication of an applicable proposed regulation setting NSPSs for that category.
<b>Exposed</b>	(to radiation) the individual is subjected to airborne concentration of radio nuclides with no allowance for the use of protective clothing, equipment or particle size.
<b>Exposure assessment</b>	the defining of exposure pathways and the calculation of the potential magnitude of exposure.
<b>Field blanks</b>	extra field samples that help to ensure "quality control" (QC).
<b>Field-constructed tanks</b>	vertical cylinders with a capacity of greater than 50,000 gallons. Field duplicates
<b>Fill material</b>	any material used primarily for either 'replacing an aquatic area with dry land' or raising the bottom elevation of water body.
<b>First encountered ground water</b>	the most-shallow ground water aquifer. Such an aquifer is the one most likely to be affected if surface discharges of waste have occurred.
<b>Friable asbestos material</b>	any material that contains more than one percent asbestos by weight, and can be crumbled, pulverized, or reduced to powder by hand pressure.
<b>Gamma rays</b>	electromagnetic radiation (similar to X-rays but higher in frequency spectrum) emitted by a radioactive substance. This radiation has no charge and is the most penetrating of the radiation forms.
<b>General permit</b>	authorizes a type of activity as long as it meets certain standards or conditions described in the permit.
<b>Geophysical techniques</b>	tests (including magnetometer surveys, ground penetrating radar, electrical resistivity, and seismic refraction) used to locate buried metallic objects, such as USTs and to map groundwater pathways.
<b>Giga</b>	a billion
<b>Grab samples</b>	uncomposited samples (usually taken for water).
<b>Harmful quantities of oil discharge</b>	any discharge that violates a water quality standard, or causes a film or sheen upon the surface of the water.
<b>Hazard assessment</b>	helps to define the potential adverse health or environmental effects associated with chemicals onsite, the potential magnitude of exposure, and the frequency of exposure.

<b>Hazard identification</b>	the identification of those chemicals that may pose a threat to human health or the environment.
<b>Highest and best use</b>	the most profitable likely use to which a property can be put.
<b>Indemnification agreement</b>	a written promise by one party that it will not hold another party liable; also called a "hold harmless clause."
<b>Indirect point source discharges</b>	discharges by industries of pollutants indirectly into U.S. waters through publicly-owned treatment works (POTWs).
<b>Individual permit</b>	authorizes a specific individual or entity to conduct a specific activity.
<b>Joint and several liability</b>	imposed in cases where the harm caused is indivisible-where there are multiple parties who are potentially responsible for the harm, but it cannot be determined with any degree of certainty which parties or defendants are responsible for which aspects of the damage.
<b>Just compensation</b>	the market value of the property in its highest and best use in cash as of the
<b>Laboratory blanks</b>	laboratory-grade samples that re analyzed in the same way as field samples.
<b>Laboratory duplicates</b>	unmarked samples whose results help to ensure QC.
<b>Location-specific ARARs</b>	restrict actions or contaminant concentrations in certain environmentally sensitive areas. Examples of areas regulated under various federal and state laws include floodplains, wetlands, and locations where endangered species or historically significant cultural resources are present
<b>Matrix spikes</b>	duplicate field samples that are spiked in the laboratory with measured quantities of contaminant; the volume of contamination in a matrix spike can then be subtracted from the overall quantity of contaminant in the pure sample to determine the contamination level in the original soil sample.
<b>Maximum holding times</b>	the total time a sample can be retained under proper storage conditions before analytical results are considered legally invalid.
<b>Method blank</b>	used to calibrate the instrument chosen to test a sample. For example, in spectrometry, a method blank containing deionized water is used to obtain a base reading; this reading is then deducted from the readings obtained from the samples.
<b>Micro</b>	one millionth

<b>Negative declaration</b>	a term defined in (New Jersey's) Industrial Site Reclamation Act.
<b>New source</b>	one for which construction began after publication of an applicable proposed regulation settings NSPS for that category.
<b>New underground storage tanks (New USTs)</b>	tanks used to contain regulated substances, and installed after December 22, 1988.
<b>No Further Action letter</b>	a term defined in (New Jersey's) Industrial Site Reclamation Act.
<b>Opportunity costs</b>	those costs associated with the loss of use of the property due to remedial activities.
<b>Per occurrence financial ability</b>	refers to the amount of money that must be available to pay the cost of one accidental release.
<b>Permeability</b>	the ability of liquid or gas to pass through; in this case, defined as the ability of a rock formation to transmit water.
<b>Pesticide</b>	any substance or mixture of substances intended to prevent, destroy, repel, or mitigate pests.
<b>Phase I (ESA)</b>	non-intrusive research conducted to evaluate the potential for significant onsite impacts.
<b>Phase II (investigation)</b>	an intrusive study of at the site's soil and ground water to evaluate the location and extent of impacts from historical uses.
<b>Phase III</b>	a framework for identifying remediation approaches so that a cleanup strategy can be developed.
<b>Pico</b>	one trillionth
<b>Pits</b>	floor drains that may be used to discharge hazardous wastes; also called "trenches."
<b>Point source discharges</b>	any discernible, confined and discrete conveyance, including but not limited to any pipe, ditch, channel, tunnel, conduit, well, discrete fissure, container, rolling stock, concentrated animal feed operation, or vessel or other floating craft, from which pollutants are or may be discharged into waters.

<b>Pollutant</b>	according to CW A, dredged spoil, solid waste, incinerator residue, sewage, garbage, sewage sludge, munitions, chemical wastes, biological materials, radioactive materials, heating wrecked or discharged equipment, rock, sand, cellar dirt and industrial, municipal, and agricultural waste discharged into water. See a/so conventional, non-conventional and toxic pollutants.
<b>Portable organic vapor analyzer</b>	used to screen volatile organic compounds, the most common contaminant present on commercial and industrial properties.
<b>Potential to emit</b>	calculated using the major stationary source's maximum design capacity (continuous year-round operation) following application of pollution controls.
<b>Primary standards (for airborne pollutants)</b>	EPA's standards which are designed to protect human health with an adequate margin of safety.
<b>Pristine sites</b>	sites unaffected by any negative impact from man or nature
<b>Profiling</b>	defining the subsurface features. This is used t define the lateral extent of a feature, such as a waste site, with little or no data on depth.
<b>Proportional allocation method</b>	involves allocating liability according to the percentage of total wastes found at the site that is clearly attributable to each potentially responsible party (pRP).
<b>Pumping and treatment</b>	a man-made system for extracting contaminated ground water and ~ treating it to remove contaminants; typically there is no re-injection of the water.
<b>Quad map</b>	a topographic map with an approximate scale of one inch to 2,000 feet; shows physical features such as wetlands, water bodies, roadways, mines, and buildings.
<b>Quality assurance (QA)</b>	a firm-wide program that establishes project policies, procedures, standards, and guidelines designed to produce an acceptable level of professional quality.
<b>Quality control (QC) programs</b>	establish project activities that apply the policies, procedures, standards, and guidelines designed to produce an acceptable level of professional quality.
<b>Radioactive material</b>	any material which emits, by spontaneous nuclear distergr4ation, corpuscle or electromagnetic emanations.
<b>Radiation</b>	includes alpha rays, beta rays, and gamma rays. Alpha and beta rays are corpuscle (particle) emanations; gamma rays are electromagnetic emanations.

<b>Radiation area</b>	any area accessible to personnel, in which radiation exposure could exceed 5 millirems in one hour, or 100 millirems in any five consecutive days.
<b>Radon</b>	a chemical element formed by the disintegration of radium, is a heavy, colorless, odorless, and radioactive gas.
<b>Real estate value</b>	cost approach to value involves the estimation of the replacement cost of the utility of the improvements, from which is subtracted the estimated depreciation, to which is added to the value of the land. The land value is normally obtained from the market approach to value. income approach is applicable in estimating the value of real estate that is purchased primarily for its income-producing potential. Market data approach is an appraisal process in which the estimated market value of a property is based upon prices paid in actual market transactions, or upon current offering prices for similar real estate. Selected properties are compared to that under appraisal in order to arrive at an indicated value of the subject. The various features of the comparables are considered with respect to their absence, presence, and quality in the subject and adjustments are made to the unit sale price of the comparable property for these major differences.
<b>Recharge</b>	water management systems designed to inject water collected by surface systems back into ground water aquifers.
<b>Regulated substances</b>	"The term regulated substances means (1) any substance defined [as hazardous substance under CERCLA]...(but not including any substance regulated as hazardous waste under [RCRA]), and (2) petroleum."
<b>Releases</b>	defined by federal and most state laws as any spilling, leaking, pouring, dumping, emitting, discharging, injecting, escaping, leaching, or disposing of hazardous waste or hazardous waste constituents into the environment.
<b>Rem</b>	(roentgen equivalent man) a measure of ionizing radiation dosage with the same biological effect as a roentgen of X- or gamma rays.
<b>Remedial action</b>	a term defined in (New Jersey's) Industrial Site Reclamation Act.
<b>Restricted area</b>	any area where access is controlled by the employer for the purpose of limiting employee exposure to radiation or radioactive materials.
<b>Restricted-use pesticides</b>	pesticides that must be applied under the supervision of a certified applicator.

<b>Risk characterization</b>	combines information on the potential magnitude of exposure to chemicals from the site with dose-response information derived from the "hazard assessment." The result is a description of the potential nature and magnitude of health or environmental risk associated with each chemical onsite.
<b>Roentgen</b>	the international unit of measurement for X-radiation or gamma radiation
<b>Sample price</b>	the total price for all samples including samples necessary to test for QA.
<b>Sampling round</b>	a consultant's visit to the site to gather samples.
<b>Secondary standards (for airborne pollutants)</b>	EPA's standards designed to protect against environmental damage, such as damage to soils, crops, wildlife, weather, climate, and personal comfort.
<b>Small quantity generators (SQGs)</b>	defined as facilities producing less than 1,000 kilograms of hazardous waste per calendar month (kilograms per month), which is the equivalent of about 300 gallons or about five 55-gallon drums; note, however, some states define SQGs more narrowly.
<b>Soil and ground water analyses</b>	tests used to determine the presence of surficial or subsurface contamination and concentration levels; may involve soil borings and installations of test pits and/or observation wells.
<b>Soil vapor surveys</b>	surveys using gas chromatography equipment to map potential soil and groundwater contamination.
<b>Sophisticated surface water sampling program</b>	consists of more samples taken at several different depths and tests of such physical parameters as pH, conductivity, presence of dissolved oxygen, and temperature.
<b>Sounding</b>	a radar technique used to determine the depth of a buried object at a specific location.
<b>Spikes</b>	samples that have been fixed with a preservative.
<b>Strict liability</b>	indicates that fault is not a prerequisite to determining responsibility under the statute. The purchaser may be liable for cleanup costs even if the property was contaminated prior to his or her purchase. The original owner may also be held accountable for all or part of a property's cleanup costs despite compliance with all regulations in effect at the time of property transfer.

<b>Suction piping</b>	<p>pipng which does not require leak detection if it has the following two main characteristics Below-grade piping is sloped so that the contents will drain back into the storage tank if the suction is released. Each suction line has only one check valve which is located directly below the suction pump.</p>
<b>Super lien law</b>	<p>provides states the authority to impose a lien on any property requiring cleanup that involves state expense. The super lien law takes precedence over all other encumbrances, including first mortgage.</p>
<b>Tank testing</b>	<p>used to identify leaks in USTs.</p>
<b>Tax Assessor's Map</b>	<p>provides legal description, property boundaries, locations, types of easement (if any), and the locations of properties bordering the subject site.</p>
<b>Technology-based limits</b>	<p>the minimum level of water pollution control technology that a discharger must apply, regardless of which water body receives the effluent discharge.</p>
<b>Thief</b>	<p>a long, hollow, outer tube with evenly-spaced openings along its length and an inner tube of the same configuration. It is used for collecting samples by aligning the openings after inserting it into the material to be samples.</p>
<b>Title search</b>	<p>a process used to confirm legal ownership (of property).</p>
<b>To-be-considered materials</b>	<p>defined by EP A as "non-promulgated advisories or guidance used by federal or state government that are not legally binding and do not have the status of potential ARARs. In many cleanups, TBCs will be considered along with ARARs in determining the necessary level of cleanup.</p>
<b>Transportation-related release</b>	<p>a release of a hazardous substance during transportation or storage if the stored substance is moved under manifest and has not reached its designated destination.</p>
<b>Transported (radioactive materials)</b>	<p>not defined in OSHA regulations, but these are interpreted to mean moved from one location to another on a property, or from a restricted area to an unrestricted area.</p>
<b>Travel blanks</b>	<p>containers filled with deionized (DI) water that should accompany each container or sample.</p>
<b>Trenches</b>	<p>floor drains which may be used to discharge hazardous wastes; also called "pits."</p>
<b>Trier</b>	<p>a hollow rod that will produce a core sample when thrust into unconsolidated, moist materials.</p>

<b>Underground storage tanks (USTs)</b>	tanks that store regulated substances and have at least 10 percent of their volume, including the contents of connected pipes, underground.
<b>User</b>	ASTM terminology for the person [usually the client] responsible for providing this data to the environmental professional.
<b>Vadose</b>	unsaturated zone.
<b>Warranty</b>	a pledge that a certain matter is true. For example, a seller may warrant that the facility has obtained all federal and state environmental permits required for continued operation.
<b>Waste management units</b>	physical areas of the site where hazardous wastes are generated, used, stored, or treated.
<b>Waters of the United States</b>	(i) navigable waters; waters of the u.s. subject to tidal action shore-ward to the mean high water mark and are presently used or may be used to transport interstate or foreign transport. The term includes coastal and inland waters, lakes, rivers, and streams that are navigable and the oceans; (ii) tributaries of navigable waters
<b>Water quality-limited requirements</b>	(iii) wetlands, including those adjacent to waters of the United States. the pollution controls that dischargers in selected locations must apply to ensure their discharges do not cause violations of the water quality standards set for that receiving body.
<b>Well-casing volume</b>	determined by multiplying the total depth of the well from ground surface to the bottom of the water column by the cross-sectional area.
<b>Wellhead protection areas</b>	surface and sub-surface areas surrounding water wells or well fields supplying public water systems
<b>Wetlands</b>	definition varies by state, generally one or more of the following criteria apply . Whether or not the area is permanently wet during most of the year. . Whether or not wetlands-related submergent and emergent plants are present. . Whether or not characteristic soil types are present.

**Appendix A:**

**Figures**



FIGURE 1- LOCATION MAP

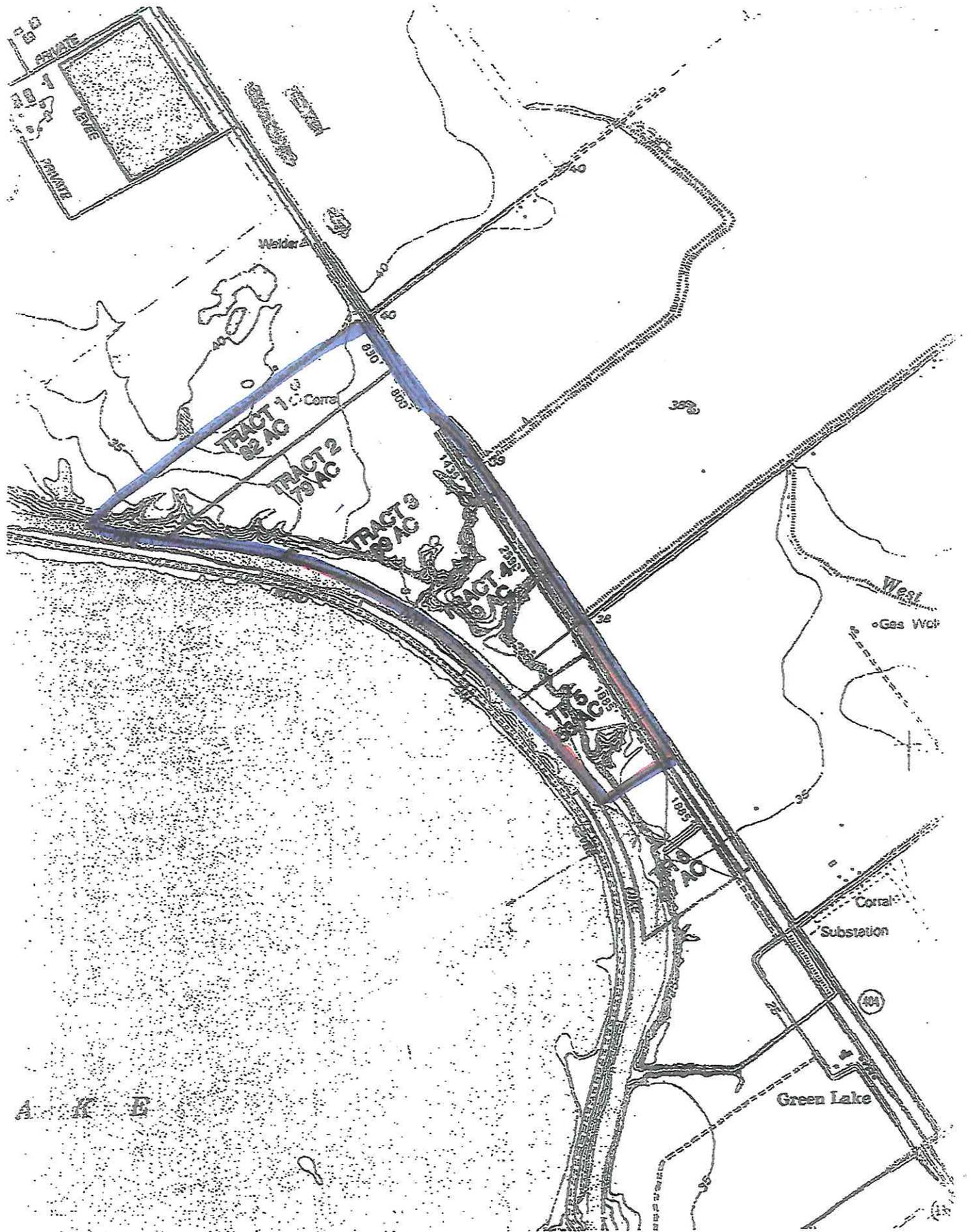


FIGURE 2- SITE MAP

**Appendix B:**

**Photographs**



**Photo 1: A view of the pile of soil removed during the retaining structures construction.**



**Photo 2: A view of north boundary.**



**Photo 3: A view of the Victoria Barge Canal.**



**Photo 4: A view of the Seadrift Pipeline easement.**



**Photo 5:** A view of the cattle pens.



**Photo 6:** A view of the retaining structure along the drainage ditch.



**Photo 7: A view of one of the water wells.**



**Photo 8: A view of the former location of one of the houses.**

**Appendix C:**  
**Historical Research**



# Historic Aerial Photo Search

for the site

**Property 370+/- ac.**

**Hwy. 185, Victoria County, TX**

performed for

**AD Enviromental Services, LLC.**

**6/13/2007**

## Photos Found

Date	County	Source	Scale	Researcher Comment
10.14.64	CALHOUN	ASCS	1 inch = 700 feet	
1.21.79	CALHOUN	USGS	1 inch = 1667 feet	
11.13.90	CALHOUN	TXDOT	1 inch = 700 feet	
1995	CALHOUN	USGS	1 inch = 700 feet	
2005	CALHOUN	NAIP	1 inch = 700 feet	

### AERIAL PHOTO SOURCE ACRONYMS

ASCS	AGRICULTURAL STABILIZATION AND CONSERVATION SERVICE	TXDOT	TEXAS DEPARTMENT OF TRANSPORTATION
FAIRCHILD	PRIVATE COMPANY	USAF	UNITED STATES AIR FORCE
GLO	GENERAL LAND OFFICE	USDA	UNITED STATES DEPARTMENT OF AGRICULTURE
TOBIN	PRIVATE COMPANY	USGS	UNITED STATES GEOLOGICAL SURVEY
AMS	ARMY MAPPING SERVICE	NAIP	NATIONAL AGRICULTURE IMAGERY PROGRAM
COSA	CITY OF SAN ANTONIO	HGACOG	HOUSTON AREA COUNCIL GALVESTON
NCTCOG	NORTH CENTRAL TEXAS COUNCIL OF GOVERNMENTS	WALLACE	PRIVATE COMPANY
CAPCO	CAPITOL AREA PLANNING COUNCIL	TELALL	PRIVATE COMPANY
IBWC	INTERNATIONAL BOUNDARY AND WATER COMMISSION		

ADES6864 



Site PROPERTY 370+/- AC.  
 Add HWY. 185  
 City VICTORIA COUNTY TX  
 County CALHOUN  
 Scale 1 inch = 700 feet ADES6864  
 Date 2005 Source NAIP

North ↑  
**TOTAL**<sup>TM</sup>  
 Corporation  
 800-583-0004



Site PROPERTY 370+/- AC.  
Add HWY. 185  
City VICTORIA COUNTY TX  
County CALHOUN  
Scale 1 inch = 700 feet ADES6864  
Date 1995 Source USGS

North ↑  
TM  
**TOTAL**  
Corporation  
800-583-0004



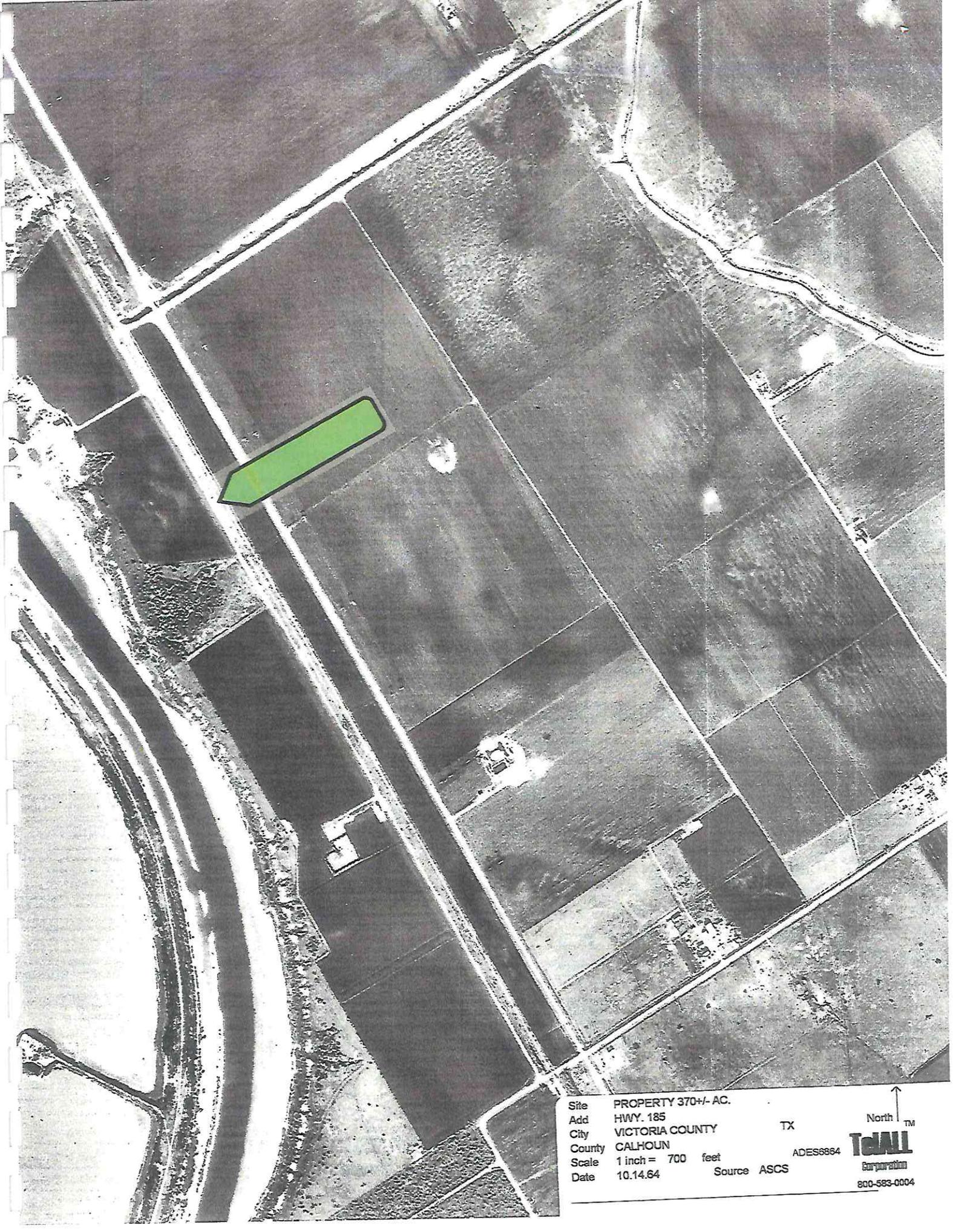
Site PROPERTY 370+/- AC.  
Add HWY. 185  
City VICTORIA COUNTY TX  
County CALHOUN  
Scale 1 inch = 700 feet ADES6864  
Date 11.13.90 Source TXDOT

North ↑  
**TeALL**™  
Corporation  
800-563-0004



Site PROPERTY 370+/- AC.  
Add HWY. 185  
City VICTORIA COUNTY TX  
County CALHOUN  
Scale 1 inch = 1667 feet ADES6864  
Date 1.21.79 Source USGS

North ↑  
**TdALL**™  
Corporation  
800-583-0004



Site PROPERTY 370+/- AC.  
Add HWY. 185 TX  
City VICTORIA COUNTY  
County CALHOUN  
Scale 1 inch = 700 feet ADES6864  
Date 10.14.64 Source ASCS

North ↑  
TM  
**TOTAL**  
Corporation  
800-583-0004

DAWN PAKEBUSCH

AD ENVIRONMENTAL SERVICES, LLC

8806 N. NAVARRO STREET

SUITE 600 #125

VICTORIA, TEXAS 77904

TEXAS ENVIRONMENTAL RESEARCH

101 YANKEE COURT                      TEL: (972) 772-4283  
ROCKWALL, TEXAS 75032              FAX: (972) 772-4283

70 YEAR ENVIRONMENTAL SEARCH

THE ATTACHED REPORT IS BEING PROVIDED TO APPLICANT SOLELY FOR THE PURPOSE OF FACILITATING LANDOWNER OR PURCHASE DEFENSES WHICH MAY BE AVAILABLE UNDER THE LIABILITY ACT OF 1980, AS AMENDED. IT IS PROVIDED FOR THE SOLE USE AND BENEFIT OF APPLICANT AND MAY NOT BE USED OR RELIED UPON BY ANY OTHER PARTY FOR ANY REASON.

NOTE: THIS SEARCH REPRESENTS SURFACE CONVEYANCES ONLY.  
TOTAL LIABILITY OF TEXAS ENVIRONMENTAL RESEARCH COMPANY  
IS LIMITED TO THE AMOUNT PAID FOR THIS REPORT.

THIS REPORT WAS PREPARED FOR THE PURPOSE OF ASSISTING IN AN ENVIRONMENTAL HAZARD INSPECTION OF THE FOLLOWING DESCRIBED PROPERTY.

LEGAL DESCRIPTION: BEING A 414.65 ACRE TRACT SAVE AND EXCEPT 51.73  
ACRES, MORE OR LESS, SITUATED IN AND A PART OF THE JOHN POLLAN  
SURVEY, ABSTRACT NO. 128 AND THE JOSEPH TIMMONS SURVEY, ABSTRACT NO.  
147, IN CALHOUN COUNTY, TEXAS.

CURRENT OWNER: GREEN LAKE LIMITED.

DATE : MARCH 6, 1985

INSTRUMENT: WARRANTY DEED

GRANTOR : FROST NATIONAL BANK, TRUSTEE

GRANTEE : GREEN LAKE LIMITED

VOL./PAGE : 383727

DATE : JULY 4, 1979

INSTRUMENT: WARRANTY DEED

GRANTOR : HELEN M. MUELLER, ESTATE

GRANTEE : FROST NATIONAL BANK, TRUSTEE

VOL./PAGE : 295316

DATE : SEPTEMBER 16, 1971  
INSTRUMENT: WARRANTY DEED  
GRANTOR : ARTHUR MUELLER, ESTATE  
GRANTEE : HELEN M. MUELLER  
VOL./PAGE : 184645

DATE : OCTOBER 17, 1945  
INSTRUMENT: WARRANTY DEED  
GRANTOR : AUGUSTAS MUELLER  
GRANTEE : ARTHUR MUELLER  
VOL./PAGE : 93192

DATE : MAY 20, 1943  
INSTRUMENT: WARRANTY DEED  
GRANTOR : SIDNEY PARKER, ET AL  
GRANTEE : AUGUSTAS MUELLER  
VOL./PAGE : 82654

DATE : NOVEMBER 5, 1937  
INSTRUMENT: WARRANTY DEED  
GRANTOR : R.M. HICKNEY  
GRANTEE : SIDNEY PARKER, ET AL  
VOL./PAGE : 74360  
EASEMENTS : UTILITY EASEMENT.

## ENRONMENTAL LIEN RESEARCH

AFTER COMPLETING AN ENVIRONMENTAL LIEN SEARCH A  
FINDING THAT NO ENVIRONMENTAL LIENS HAVE BEEN FILED  
OF PUBLIC RECORD AND THAT IT HAS BEEN DETERMINED THAT  
THE PROPERTY RESEARCHED IN THIS REPORT COMPLIES WITH  
ASTM E 1527-05-SEC. 7.3.4.4 AND SECTION 5.2

THIS REPORT MEETS OR EXCEEDS A.S.T.M. E 1527-05.

**Appendix D:**

**Regulatory Records**



# **Environmental Data Search**

for the site

**Property 370+/- ac.  
Hwy. 185, Victoria County, TX**

performed for

**AD Enviromental Services, LLC.**

6/13/2007

ADES864

**[www.TelALL.net](http://www.TelALL.net)**

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(800) 583-0004 by fax (888) 756-7647

This document of environmental concerns near Hwy. 185, Victoria County, TX reports findings of the TelALL data search, prepared on the request of AD Environmental Services, LLC..

TelALL Corporation (TelALL) has designed this document to comply with the AAI and ASTM standard E 1527 - 05 (Accuracy and Completeness) and has used all available resources, but makes no claim to the entirety or accuracy of the cited government, state, or tribal records. Our databases are updated at least every 90 days or as soon as possible after publication by the referenced agencies. The following fields of governmental, state, and tribal databases may not represent all known, unknown, or potential sources of contamination to the referenced site. Many different variables effect the outcome of the following document. TelALL maintains extremely high standards, and stringent procedures that are used to search the referenced data. However, TelALL reserves the right at any time to amend any information related to this report.

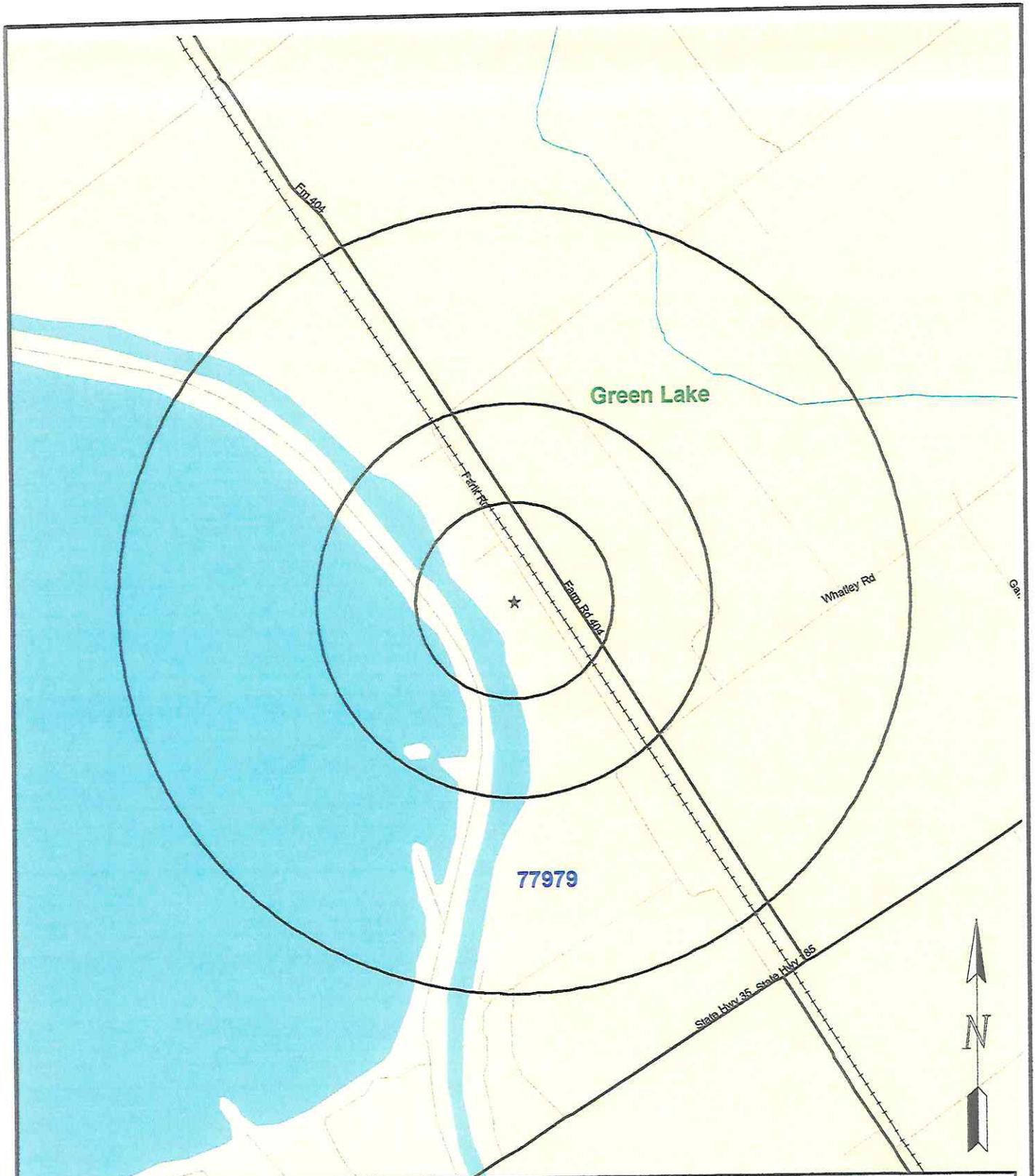
If there is a need for further information regarding this report, or for any customer support please call TelALL at 800 583-0004 for assistance.

This report is divided into the following components:

- MAP** Identified geocodeable findings relative to this data search.
- SUMMARY 1** Sorting of the identified sites by distance from the subject site.
- FINAL** A description of each database and a detailed explanation of findings.

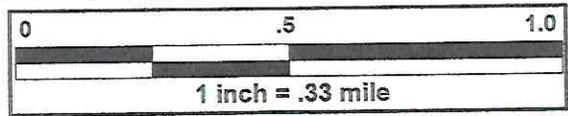
**Sources**

Database	Acronym	Last Updated	Minimum Search Distance	Findings
National Priority List	NPL	03/2007	1	0
Comprehensive Environmental Response, Compensation, and Liability Information System	CERCLIS	03/2007	0.5	0
No Further Remedial Action Planned	NFRAP	03/2007	0.5	0
Resource Conservation and Recovery Information System - Treatment Storage or Disposal Corrective Action	RCRA TSD	03/2007	1	0
Resource Conservation and Recovery Information System - Generators	RCRA-G	03/2007	0.25	0
Emergency Response Notification System	ERNS	04/2007	0.25	0
Texas Voluntary Cleanup Program	TXVCP	03/2007	0.5	0
Innocent Owner/Operator Program	TXIOP	03/2007	0.5	0
Texas State Superfund	TXSSF	04/2007	1	0
TCEQ Solid Waste Facilities	TXLF	06/2007	1	0
Unauthorized and Unpermitted Landfill Sites	LFUN	06/2007	0.5	0
Leaking Underground Storage Tanks	TXLUST	02/2007	0.5	0
Texas Underground Storage Tanks	TXUST	02/2007	0.25	0
Texas Above Ground Storage Tanks	TXAST	02/2007	0.25	0
Texas Spills List	TXSPILL	06/2007	0.25	0
Brownfield	BRNFD	03/2007	0.5	0
Dry Cleaner	DRYC	03/2007	0.5	0
Indian Reservation Underground Storage Tanks	IRUST	04/2007	0.25	0



- |  |  |  |           |
|--|--|--|-----------|
| NPL<br>CERCLIS<br>NFRAP<br>TXSSF<br>TXLF<br>LFUN | ERNS<br>RCRA TSD<br>LUST<br>TXVCP<br>TXIOP<br>BRNFD<br>DRYC<br>CORRACT | RCRA-G<br>TXAST<br>TXUST<br>TXSPILL<br>IRUST | ★<br>Site |
|--|--|--|-----------|

Site Locations are Approximate Only

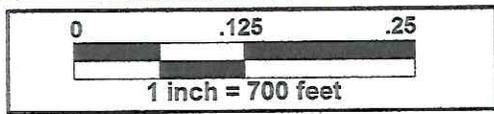


1:24K Topo Boundary USPS Zip Boundary

TXRRC Identified Oil Well (Select Counties Only)

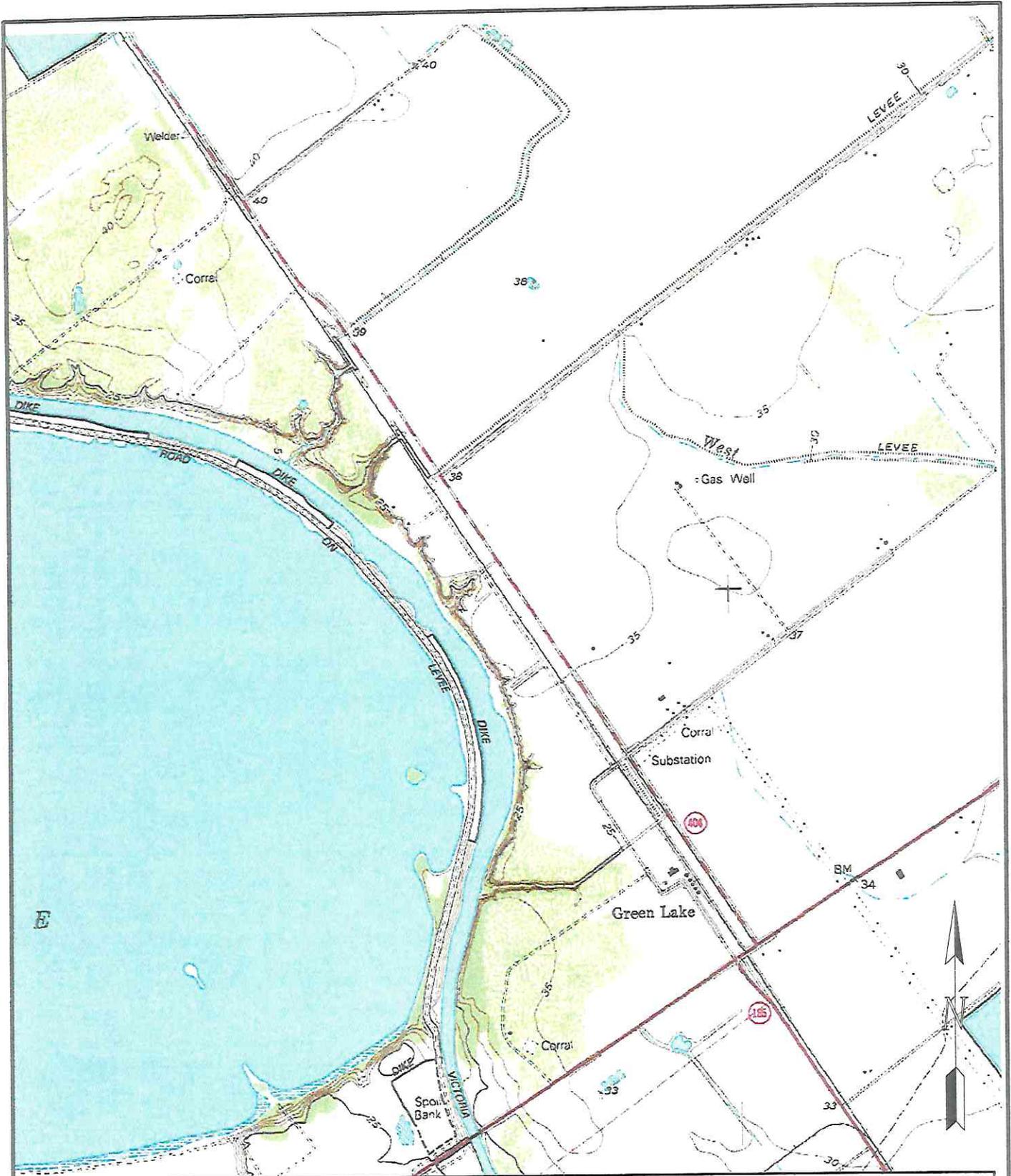


(800) 503-9004 WWW.TeiALL.NET

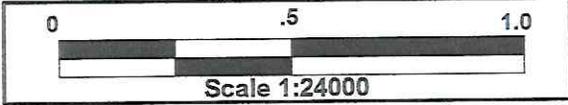


1995 NAPP Photograph

**TeiALL**<sup>TM</sup>  
Corporation  
©2003 583-8084 WWW.TeiALL.NET



To identify the map date and or revision date please call TRNIS at 512-463-8337.



**TeiALL**<sup>TM</sup>  
Corporation  
(800) 582-0004 WWW.TeiALL.NET

**Current USGS 7.5 Minute Topographic Map**

Sites Sorted By Distance from Center

Property 370+/- ac.  
 Hwy. 185, Victoria County, TX

Distance/Direction	Database	Site Number	Address	City/State	Site Name
	IRUST				NO FINDINGS WITHIN 1/4 MILE.
	CERCLIS				NO FINDINGS WITHIN 1/2 MILE.
	NFRAP				NO FINDINGS WITHIN 1/2 MILE.
	TXVCP				NO FINDINGS WITHIN 1/2 MILE.
	ERNS				NO FINDINGS WITHIN 1/4 MILE.
	CORRACT				NO FINDINGS WITHIN ONE MILE.
	RCRA TSD				NO FINDINGS WITHIN ONE MILE.
	RCRA-G				NO FINDINGS WITHIN 1/4 MILE.
	TXLUST				NO FINDINGS WITHIN 1/2 MILE.
	TXUST				NO FINDINGS WITHIN 1/4 MILE.
	TXAST				NO FINDINGS WITHIN 1/4 MILE.
	TXLF				NO FINDINGS WITHIN ONE MILE.
	TXSSF				NO FINDINGS WITHIN ONE MILE.
	TXSPILL				NO FINDINGS WITHIN 1/4 MILE.
	LFUN				NO FINDINGS WITHIN 1/2 MILE.
	TXOP				NO FINDINGS WITHIN 1/2 MILE.
	BRNFD				NO FINDINGS WITHIN 1/2 MILE.
	DRYC				NO FINDINGS WITHIN 1/2 MILE.
	NPL				NO FINDINGS WITHIN ONE MILE.

Distances given are tenths of a statute mile.

---

**NPL****National Priority List**

NPL is a priority subset of the CERCLIS list. (See CERCLIS, below) The Cerclis list was created by the Comprehensive Environmental Response, Compensation and Liability Acts (CERCLA) need to track contaminated sites. CERCLA was enacted on 12/11/80, and

amended by the Superfund Amendments and Reauthorization Act of 1986. These acts established broad authority for the government to respond to problems posed by the release, or threat of release of hazardous substances, pollutants, or contaminants. CERCLA

also imposed liability on those responsible for releases and provided the authority for the government to undertake enforcement and abatement action against responsible parties. Institutional/Engineering Controls searched.

*Source: United States Environmental Protection Agency (EPA)*

**Database:** NPL

**Site:** No findings within one mile.

**Dir./Distance (in Miles)**

**Map Number:**

**Address:**

**Zip Code:**

**City:**

---

**CERCLIS****Comprehensive Environmental Response, Compensation, and Liability Information System**

CERCLIS is the official repository for site and non-site specific Superfund data in support of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). It contains information on hazardous waste site assessment and remediation

from 1983 to the present. CERCLIS information is used to report official Superfund accomplishments to Congress and the public, assist EPA Regional and Headquarters managers in evaluating the status and progress of site cleanup actions, track Superfund

Comprehensive Accomplishments Plan (SCAP), and communicate planned activities and budgets. Institutional/Engineering Controls searched.

*Source: United States Environmental Protection Agency (EPA)*

**Database:** CERCLIS

**Site:** No findings within 1/2 mile.

**Dir./Distance (in Miles)**

**Map Number:**

**Address:**

**Zip Code:**

**City:**

---

**NFRAP**

**No Further Remedial Action Planned**

NFRAP Sites indicate a CERCLIS site that was designated "No further remedial action planned" by the EPA February 1995. Institutional/Engineering Controls searched.

*Source: United States Environmental Protection Agency (EPA)*

**Database:** NFRAP

**Site:** No findings within 1/2 mile.

**Dir./Distance (in Miles)**

**Map Number:**

**Address:**

**Zip Code:**

**City:**

---

**RCRA TSD**

**Resource Conservation and Recovery Information System - Treatment Storage or Disposal**

Resource Conservation and Recovery Information System (RCRIS) Under the Resource Conservation and Recovery Act (RCRA), generators, transporters, treaters, storers, and disposers of hazardous waste as defined by the federally recognized hazardous waste are required to provide information concerning their activities to state environmental agencies, who in turn provide the information to regional and national U.S. EPA offices. The RCRA TSD (Treatment Storage or Disposal) is a subset of the RCRIS list.

RCRA TSD tracks facilities that fall under the Treatment Storage or Disposal classification.

*Source: United States Environmental Protection Agency (EPA)*

**Database:** RCRA TSD

**Site:** No findings within one mile.

**Dir./Distance (in Miles)**

**Map Number:**

**Address:**

**Zip Code:**

**City:**

---

## **CORRACT**

### Corrective Action

CORRACT lists RCRIS (Resource Conservation and Recovery Information System) sites that are currently under corrective action. Institutional/Engineering Controls searched.

*Source: United States Environmental Protection Agency (EPA)*

**Database:** CORRACT

**Site:** No findings within one mile.

**Dir./Distance (in Miles)**

**Map Number:**

**Address:**

**Zip Code:**

**City:**

---

## **RCRA-G**

### Resource Conservation and Recovery Information System - Generators

Resource Conservation and Recovery Information System (RCRIS) Under the Resource Conservation and Recovery Act (RCRA), generators, transporters, treaters, storers, and disposers of hazardous waste as defined by the federally recognized hazardous waste, are required to provide information concerning their activities to state environmental agencies, who in turn provide the information to regional and national U.S. EPA offices. The RCRA-G (Generators) list is a subset of the RCRIS list.

RCRA-G tracks facilities that fall under the generators or transporters classification.

*CONDITIONALLY EXEMPT SMALL QUANTITY GENERATORS (CESQG) produce less than 100 kg per month of hazardous waste.*

*SMALL QUANTITY GENERATORS (SQG) produce at least 100 kg per month but less than 1000 kg per month of hazardous waste.*

*LARGE QUANTITY GENERATORS (LQG) produce at least 1000 kg per month of hazardous waste. Source: United States Environmental Protection Agency (EPA)*

**Database:** RCRA-G

**Site:** No findings within 1/4 mile.

**Dir./Distance (in Miles)**

**Map Number:**

**Address:**

**Zip Code:**

**City:**

---

## **ERNS**

### **Emergency Response Notification System**

ERNS supports the release notification requirements of section 103 of the Comprehensive Environmental Response Compensation, and Liability Act (CERCLA), as amended; section 311 of the Clean Water Act; and sections 300.51 and 300.65 of the National Oil and Hazardous Substances Contingency Plan.

Additionally, ERNS serves as a mechanism to document and verify incident-location information as initially reported, and is utilized as a direct source of easily accessible data, needed for analyzing oil and hazardous substances spills.

*Source: National Response Center (NRC)*

**Database:** ERNS

**Site:** No findings within 1/4 mile.

**Dir./Distance (in Miles)**

**Map Number:**

**Address:**

**Zip Code:**

**City:**

---

## **TXVCP**

### **Texas Voluntary Cleanup Program**

Created under HB 2296, The Voluntary Cleanup Program (VCP) was established on 09/01/95 to provide administrative, technical, and legal reasons to promote the cleanup of tainted sites in Texas. Since future lenders and landowners get protection from

liability to the State of Texas for cleanup of sites under the VCP, most of the constraints for completing real estate deals at those sites are removed. As a result, many unused or under used sites may be restored to economically productive or community

beneficial uses. After cleanup, the parties get a certificate of completion from the TCEQ which states that all lenders and future land owners who are not PRP's are free from all liability to the State. Institutional/Engineering Controls searched.

*Parts of the above description were taken from the TCEQ/VCP Website. (<http://www.TCEQ.state.tx.us/permitting/remed/vcp/>)*

*The investigation phases are listed as INVESTIGATION, REMEDIATION, POST-CLOSURE, and COMPLETE.*

*Contaminant Categories (PERC and BTEX). Source: Texas Commission on Environmental Quality (TCEQ)*

**Database:** TXVCP

**Site:** No findings within 1/2 mile.

**Dir./Distance (in Miles)**

**Map Number:**

**Address:**

**Zip Code:**

**City:**

---

**TXIOP**

Innocent Owner/Operator Program

The TX IOP, created by House Bill 2776 of the 75th Leg, provides a cert. 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 loc. on the prop., and they did not cause or contribute to the source or sources of contamination. Like the TxVCP Prog., the IOP can be used as a redevelopment tool or as a tool to add value to a contaminated prop. by providing an Innocent Owner/Operator Certificate (IOC). However, unlike the VCP release of liability, IOCs are not trans. to future owners/oper's. Future owners/oper's are eligible to enter the IOP and may rec. an IOC only after they become an owner or operator of the site.

*The above description were taken from the TCEQ/IOP Website.  
(<http://www.TCEQ.state.tx.us/permitting/remed/vcp/iop.html>)*

*Source: Texas Commission on Environmental Quality (TCEQ)*

**Database:** TXIOP

**Site:** No findings within 1/2 mile.

**Dir./Distance (in Miles)**

**Map Number:**

**Address:**

**Zip Code:**

**City:**

---

**TXSSF**

Texas State Superfund

The Texas State Superfund database is a list of sites that the State of Texas has identified for investigation or remediation.

Texas State Superfund sites are reviewed for potential upgrading to Comprehensive Environmental Response, Compensation, and Liability Information System status by the federal Environmental Protection Agency. Institutional/Engineering Controls searched.

*Source: Texas Commission on Environmental Quality (TCEQ)*

**Database:** TXSSF

**Site:** No findings within one mile.

**Dir./Distance (in Miles)**

**Map Number:**

**Address:**

**Zip Code:**

**City:**

---

**TXLF**

**TCEQ Solid Waste Facilities**

Texas Commission on Environmental Quality (TCEQ) Requires municipalities and counties to report known active and inactive landfills.

Texas Landfills is a listing of solid waste facilities registered and tracked by the TCEQ Solid waste division. The facilities tracked include solid waste disposal sites as well as transfer stations and processing stations.

*Source: Texas Commission on Environmental Quality (TCEQ)*

**Database:** TXLF

**Site:** No findings within one mile.

**Dir./Distance (in Miles)**

**Map Number:**

**Address:**

**Zip Code:**

**City:**

---

**LFUN**

**Unauthorized and Unpermitted Landfill Sites**

Unauthorized sites have no permit and are considered abandoned. All information about these sites was compiled by Southwest Texas State University under contract with TCEQ and is based on a search of publicly available records.

*Source: Texas Commission on Environmental Quality (TCEQ)*

**Database:** LFUN

**Site:** No findings within 1/2 mile.

**Dir./Distance (in Miles)**

**Map Number:**

**Address:**

**Zip Code:**

**City:**

---

**TXLUST**

**Leaking Underground Storage Tanks**

State lists of leaking underground storage tank sites. Section 9003(h) of Subtitle I of RCRA gives EPA and states, under cooperative agreements with EPA, authority to clean up releases from UST systems or require owners and operators to do so.

*Source: Texas Commission on Environmental Quality (TCEQ)*

**Database:** TXLUST

**Site:** No findings within 1/2 mile.

**Dir./Distance (in Miles)**

**Map Number:**

**Address:**

**Zip Code:**

**City:**

**TXUST**

**Texas Underground Storage Tanks**

Underground Storage Tanks - Permitted underground storage tanks tracked and maintained by the Texas Commission on Environmental Quality (TCEQ).

*Source: Texas Commission on Environmental Quality (TCEQ)*

Database: TXUST

Site: No findings within 1/4 mile.

Dir./Distance (in Miles)

Map Number:

Address:

Zip Code:

City:

---

**TXAST**

**Texas Above Ground Storage Tanks**

Aboveground Storage Tanks - Permitted aboveground storage tanks tracked and maintained by the Texas Commission on Environmental Quality (TCEQ).

*Source: Texas Commission on Environmental Quality (TCEQ)*

Database: TXAST

Site: No findings within 1/4 mile.

Dir./Distance (in Miles)

Map Number:

Address:

Zip Code:

City:

---

**TXSPILL**

**Texas Spills List**

Texas Commission on Environmental Quality (TCEQ) tracks cases where emergency response is needed for cleanup of toxic substances.

*Source: Texas Commission on Environmental Quality (TCEQ)*

Database: TXSPILL

Site: No findings within 1/4 mile.

Dir./Distance (in Miles)

Map Number:

Address:

Zip Code:

City:

---

---

**BRNFD**

Brownfield

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Institutional/Engineering Controls searched.

*Source: Texas Commission on Environmental Quality (TCEQ)*

**Database:** BRNFD

**Site:** No findings within 1/2 mile.

**Dir./Distance (in Miles)**

**Map Number:**

**Address:**

**Zip Code:**

**City:**

---

**DRYC**

Dry Cleaner

House Bill 1366 requires all dry cleaning drop stations and facilities in Texas to register with Texas Commission on Environmental Quality (TCEQ) and implement new performance standards at their facilities as appropriate.

It also requires distributors of dry cleaning solvents to collect fees on the sale of dry cleaning solvents at certain facilities.

*Source: Texas Commission on Environmental Quality (TCEQ)*

**Database:** DRYC

**Site:** No findings within 1/2 mile.

**Dir./Distance (in Miles)**

**Map Number:**

**Address:**

**Zip Code:**

**City:**

---

**IRUST**

Indian Reservation Underground Storage Tanks

All Appropriate Inquiries (AAI) rule has requested that Underground Storage Tanks on Indian Land be included in any ESA that is affected. Permitted Underground Storage Tanks on Indian Land are tracked and maintained by the EPA.

*Source: United States Environmental Protection Agency (EPA)*

**Database:** IRUST

**Site:** No findings within 1/4 mile.

**Dir./Distance (in Miles)**

**Map Number:**

**Address:**

**Zip Code:**

**City:**





FACZIP	DATABASE	SITENAME	ADD	CITY	LATITUDE	LONGITUDE
77979	ERNS	UNION CARBIDE	OLEFINS UNIT 1ST STREET AND EA	PORT LAVACA		
			OLEFINS UNIT ON HIGHWAY 185	PORT LAVACA		
			OLSON UNIT HWY 185	PORT LAVACA		
			OXIDE UNIT SEADRISP HWY	PORT LAVACA		
			PO BOX 186	PORT LAVACA	28.6154	-96.6329
			PO BOX 186 HWY 185	PORT LAVACA	28.6154	-96.6329
			PO BOX 186 HWY 185	PORT LAVACA	28.6154	-96.6329
			PO BOX 186 HWY 185	PORT LAVACA	28.6154	-96.6329
			PO BOX 186 HWY 185	PORT LAVACA	28.6154	-96.6329
			PO BOX 186 HWY 185	PORT LAVACA	28.6154	-96.6329
			PO BOX 186 HWY 185	PORT LAVACA	28.6154	-96.6329
			PO BOX 186 HWY 185	SEADRIFT	28.4055	-96.6613
			PO BOX 186 HWY 185	PORT LAVACA	28.6154	-96.6329
			PO BOX 186 HWY 185	PORT LAVACA	28.6154	-96.6329
			PO BOX 186 HWY 185	PORT LAVACA	28.6154	-96.6329
			PO BOX 186 TX HWY 185	PORT LAVACA	28.6154	-96.6329
			PO BOX 186 TX HWY 185	PORT LAVACA	28.6154	-96.6329
			PO BOX 186 TX HWY 185	PORT LAVACA	28.6154	-96.6329
			PO BOX 186 TX HWY 185	PORT LAVACA	28.6154	-96.6329
			PO BOX 186 TX HWY 185	PORT LAVACA	28.6154	-96.6329
			PO BOX 186 TX HWY 185 PORT LAV	PORT LAVACA	28.6154	-96.6329
			POB 186	PORT LAVACA	28.6154	-96.6329
			POB 186	PORT LAVACA	28.6154	-96.6329
			POB 186	PORT LAVACA	28.6154	-96.6329
			POB 186	PORT LAVACA	28.6154	-96.6329
			POB 186	PORT LAVACA	28.6154	-96.6329
			POB 186 NORHT SEADRIFT HWY	PORT LAVACA		
			SEA DRIFT HWY	PORT LAVACA		
			SEA DRIFT UNION CARBIDE	PORT LAVACA		
			SEADRIFT HWY	PORT LAVACA		
			SEADRIFT HWY POB 186	PORT LAVACA	28.6154	-96.6329
			SEADRIFT HWY POB 186	PORT LAVACA	28.6154	-96.6329
			SEADRIFT HWY POB 186	PORT LAVACA	28.6154	-96.6329
			SEADRIFT HWY POB 186	PORT LAVACA	28.6154	-96.6329
			SEADRIFT HWY, 10 MI SOUTH OF CI	PORT LAVACA		
			SEADRIFT HWY, 10 MI EAST OF CITY	PORT LAVACA		
			SEADRIFT PLANT	PORT LAVACA		
			SEADRIFT PLANT	PORT LAVACA		
			TEXAS HIGHWAY 185	PORT LAVACA		
			TEXAS HIGHWAY 185,	PORT LAVACA		
			UNION CARBIDE HWY 186	SEADRIFT		
			UNION CARBIDE HWY 186	SEADRIFT		
			WESTFIELD FACILITY TANK 910	SEADRIFT		
		UNION CARBIDE CHEMICAL		PORT LAVACA		
			HIGHWAY 185	PORT LAVACA		
			HIGHWAY 185	PORT LAVACA		
			HIGHWAY 185 NORTH	PORT LAVACA		
			HWY 185	SEADRIFT		
			HWY 185	PORT LAVACA		
			HWY 185	PORT LAVACA		
			POB 186 HWY 185	PORT LAVACA		
			POB 186 HWY 185	PORT LAVACA		
			POB 186 HWY 185	PORT LAVACA		
			POB 186 HWY 185	PORT LAVACA		
			POB 186 HWY 185	PORT LAVACA		
			POB 186 HWY 185	PORT LAVACA		
			POB 186 HWY 185	PORT LAVACA		
			POB 186 HWY 185	PORT LAVACA		
			POB 186 HWY 185	PORT LAVACA		
			POB 186 HWY 185 NORTH	PORT LAVACA		
			POB 186 HWY 185 NORTH	PORT LAVACA		
			SEADRIFT HWY	PORT LAVACA		
			SEADRIFT PLANT HWY 185	PORT LAVACA		
		UNION CARBIDE CORP	HIGHWAY 185 NO.2 OLEFINS	PORT LAVACA		
			HWY 185	PORT LAVACA		
			HWY 185	PORT LAVACA		
			HWY 185	PORT LAVACA		
			HWY 185	PORT LAVACA		
			HWY 185	PORT LAVACA		
			HWY 185	PORT LAVACA		
			HWY 185 3 MILES SOUTH OF 35 & 18	PORT LAVACA		
			HWY 185 AT GREEN LAKE 1 MILE S	PORT LAVACA		
			HWY 185 OLEFINS UNIT	PORT LAVACA		
			HWY 185, 10 MI SOUTHWEST OF CIT	PORT LAVACA		
			NO 2 OLEFINS UNIT HWY 185 2 MILE	SEADRIFT		
			NORTH FIELD	PORT LAVACA		
			OLEFINS NO.2	PORT LAVACA		
			PLANT 510 OLEFINS UNIT HWY 185	PORT LAVACA		
			POB 186	PORT LAVACA	28.6154	-96.6329

FACZIP	DATABASE	SITENAME	ADD	CITY	LATITUDE	LONGITUDE
77979	ERNS	UNION CARBIDE CORP	POB 186	PORT LAVACA	28.6154	-96.6329
			SEA DRIFT HWY	PORT LAVACA		
			SOUTH OF HWY 185	PORT LAVACA		
			TX HWY 185	PORT LAVACA		
			WEST FIELD TANK FARM HWY 185	PORT LAVACA		
			UNION CARBIDE HWY 185	PORT LAVACA		
		WASTE MGMT CO		POINT COMF	28.650833	-96.562222
	NPL	ALCOA (POINT COMFORT)/LAVAC		PORT LAVACA	28.52893	-96.67894
	RCRA TSD	INEOS USA LLC	HIGHWAY 185 6.5 MI S OF BLOOMI	PORT LAVACA	28.611727	-96.630317
	RCRA-G	GEMCO OF PORT LAVACA INC	120 JUANITA	PORT LAVACA	28.6146	-96.6341
		HUGHES SUPPLY	2208 STATE HIGHWAY 25 N	PORT LAVACA	28.52893	-96.67894
		INEOS USA LLC	HIGHWAY 185 6.5 MI S OF BLOOMI	PORT LAVACA	28.6205	-96.642
		PRIME INDUSTRIAL 759	824 HWY 35 BYPASS S	PORT LAVACA	28.6146	-96.6341
		SEADRIFT COKE LP	8618 STATE HIGHWAY 185 N	PORT LAVACA		
		SOUTH TEXAS BARREL	.5M W PORT LAVACA	PORT LAVACA		
		WAL MART SUPERCENTER NO 10	400 TINEY BROWNING BLVD	PORT LAVACA	28.590539	-96.63769
	TXAST	ADRIAN KAMM	2309 LARRY DR	PORT LAVACA	28.609991	-96.644018
		ALAMO CONCRETE- PORT LAVACA	2049 W MAIN	PORT LAVACA	28.597	-96.6402
		ANDREW J HAHN FARM	FM 2235	PORT LAVACA	28.6231	-96.6259
		BROADWAY FISH MARKET	912 BROADWAY	PORT LAVACA	28.6231	-96.6259
			912 BROADWAY	PORT LAVACA	28.6231	-96.6259
			912 BROADWAY	PORT LAVACA	28.6231	-96.6259
			912 BROADWAY	PORT LAVACA	28.6231	-96.6259
		C L THOMAS PETROLEUM INC	135 & MILDRED DR	PORT LAVACA		
			135 & MILDRED DR	PORT LAVACA		
			135 & MILDRED DR	PORT LAVACA		
			135 & MILDRED DR	PORT LAVACA		
			135 & MILDRED DR	PORT LAVACA		
		CALHOUN COUNTY AVIATION	CALHOUN COUNTY AIRPORT	PORT LAVACA	28.6146	-96.6341
		CHEMICAL TRANSPORT INC	6102 STATE HIGHWAY 185 N	PORT LAVACA	28.496136	-96.64791
		D & T JOINT VENTURE	OLD SEADRIFT Rd	PORT LAVACA	28.6146	-96.6341
		DANIEL FARMS	RT 2	PORT LAVACA	28.61185	-96.63067
		DEIBEL OIL CO	707 1/2 W MAIN ST	PORT LAVACA	28.61185	-96.63067
			707 1/2 W MAIN ST	PORT LAVACA	28.61185	-96.63067
			707 1/2 W MAIN ST	PORT LAVACA	28.61185	-96.63067
			707 1/2 W MAIN ST	PORT LAVACA	28.61185	-96.63067
			707 1/2 W MAIN ST	PORT LAVACA	28.61185	-96.63067
		EVANS HAROLD L	RT 2	PORT LAVACA	28.6146	-96.6341
		FARMERS COOP	3664 US HWY 87	PORT LAVACA	28.6097	-96.6741
			3664 US HWY 87	PORT LAVACA	28.6097	-96.6741
		FORMOSA PLASTIC	201 FORMOSA DR	POINT COMF		
			201 FORMOSA DR	POINT COMF		
		HILLMAN SHRIMP & OYSTER	WESTEND REFUGE HARBOR	PORT LAVACA	28.614769	-96.626077
			S VIRGINA HARBOR OF RE	PORT LAVACA	28.6231	-96.6259
		HILLMAN SHRIMP & OYSTERS	912 BROADWAY	PORT LAVACA		
		HILLMAN SHRIMP AND OYSTER	110 MOWEN	PORT LAVACA		
			110 MOWEN	PORT LAVACA		
		INGRAM READYMIX INC	HWY 35 2 MILES S	PORT LAVACA	28.6097	-96.6741
		J K FARM & RANCH	RT 3	PORT LAVACA	28.6305	-96.6224
			RT 3	PORT LAVACA	28.6305	-96.6224
			RT 3	PORT LAVACA	28.6305	-96.6224
		KING FISHER MARINE SERVICE I	159 STATE HIGHWAY 316	PORT LAVACA	28.6146	-96.6341
			159 STATE HIGHWAY 316	PORT LAVACA	28.6146	-96.6341
			159 STATE HIGHWAY 316	PORT LAVACA	28.6146	-96.6341
			159 STATE HIGHWAY 316	PORT LAVACA	28.6146	-96.6341
			159 STATE HIGHWAY 316	PORT LAVACA	28.6146	-96.6341
			159 STATE HIGHWAY 316	PORT LAVACA	28.6146	-96.6341
			159 STATE HIGHWAY 316	PORT LAVACA	28.6146	-96.6341
			159 STATE HIGHWAY 316	PORT LAVACA	28.6146	-96.6341
			159 STATE HIGHWAY 316	PORT LAVACA	28.6146	-96.6341
			159 STATE HIGHWAY 316	PORT LAVACA	28.6146	-96.6341
		LEO ANGER INC	2139 W MAIN	PORT LAVACA	28.610051	-96.644706
			2139 W MAIN	PORT LAVACA	28.610051	-96.644706
			2139 W MAIN	PORT LAVACA	28.610051	-96.644706
			2139 W MAIN	PORT LAVACA	28.610051	-96.644706
		LESTER CONTRACTING INC	HWY 35 W	PORT LAVACA	28.6305	-96.6224
		MAURITZ & COUEY PORT LAVACA	2112 W AUSTIN	PORT LAVACA	28.601191	-96.636301
			2112 W AUSTIN	PORT LAVACA	28.601191	-96.636301
			2112 W AUSTIN	PORT LAVACA	28.601191	-96.636301
			2112 W AUSTIN	PORT LAVACA	28.601191	-96.636301
			2112 W AUSTIN	PORT LAVACA	28.601191	-96.636301
		MCKAMEY & SON	RT 1 B	PORT LAVACA	28.6146	-96.6341
			RT 1 B	PORT LAVACA	28.6146	-96.6341
			RT 1 B	PORT LAVACA	28.6146	-96.6341
			RT 1 B	PORT LAVACA	28.6146	-96.6341
		MORRIS FARMS	RT 1	PORT LAVACA	28.6146	-96.6341
		MV CONVENIENCE STOP	514 MARGIE TEWMEY RD	PORT LAVACA	28.6146	-96.6341
			514 MARGIE TEWMEY RD	PORT LAVACA	28.6146	-96.6341

FACZIP	DATABASE	SITENAME	ADD	CITY	LATITUDE	LONGITUDE
77979	TXAST	PORT ALTO CARD LOCK	S PORT ST	PORT LAVACA		
		PORT LAVACA CENTRAL OFFICE	223 N COLORADO ST	PORT LAVACA	28.616339	-96.626441
		R R COUNTRY STORE & GRILL IN	RT 3	PORT LAVACA	28.6305	-96.6224
			RT 3	PORT LAVACA	28.6305	-96.6224
		REXCO	1104 MILDRED DR	PORT LAVACA	28.6097	-96.6741
			1104 MILDRED DR	PORT LAVACA	28.6097	-96.6741
			1104 MILDRED DR	PORT LAVACA	28.6097	-96.6741
			1104 MILDRED DR	PORT LAVACA	28.6097	-96.6741
			1104 MILDRED DR	PORT LAVACA	28.6097	-96.6741
			1104 MILDRED DR	PORT LAVACA	28.6097	-96.6741
			1104 MILDRED DR	PORT LAVACA	28.6097	-96.6741
			1104 MILDRED DR	PORT LAVACA	28.6097	-96.6741
			1104 MILDRED DR	PORT LAVACA	28.6097	-96.6741
			1104 MILDRED DR	PORT LAVACA	28.6097	-96.6741
		SHILLINGS MELBOURN	1000 PURPLE SAGE	PORT LAVACA	28.590921	-96.636926
		STATION 806	1234 ROSENBAUM RD	PORT LAVACA	28.6778	-96.6905
		TEXAS HYDRO AXES	1800 S VIRGINIA ST	PORT LAVACA	28.6101	-96.6207
			1800 S VIRGINIA ST	PORT LAVACA	28.6101	-96.6207
		TXDOT PORT LAVACA	2275 STATE HIGHWAY 35 N	PORT LAVACA	28.6305	-96.6224
		UNION CARBIDE CORP	SEADRIFT PLANT	PORT LAVACA	28.609733	-96.633926
			SEADRIFT PLANT	PORT LAVACA	28.609733	-96.633926
		WEHMEYER H C	1.5 M W OF PORT LAVACA	PORT LAVACA		
	TXLF	CALHOUN COUNTY LANDFILL	4 MILES NW OF THE CITY OF PORT	CALHOUN	28.61833	-96.7
		CITY OF PORT LAVACA LANDFILL	HARBOR OF REFUGE ON FM 1090 S	CALHOUN	28.5	-96.62
	TXLUST	ABANDONED CIRCLE K 798	102 AUSTIN	PORT LAVACA	28.612523	-96.623899
		ANTHONY'S TEXACO	909 HWY 35	PORT LAVACA	28.6305	-96.6224
		AUSTIN STREET EXXON	1407 W AUSTIN ST	PORT LAVACA	28.605082	-96.632938
		B & H MINI MART	1916 W AUSTIN ST	PORT LAVACA	28.60169	-96.63592
		BJS QUICK STOP CNV STORE	HWY 35 & S MEADOW LN	PORT LAVACA		
		BROADWAY FISH MARKET	912 BROADWAY	PORT LAVACA	28.6231	-96.6259
		CALHOUN COUNTY AIRPORT	AIRPORT ROAD	PORT LAVACA		
		CALHOUN COUNTY MOSQUITO C	COUNTY ROAD 101 @ CALHOUN FAI	PORT LAVACA	28.60442	-96.64945
		CALHOUN COUNTY PRCT 3	RT 3 BOX 162	PORT LAVACA	28.6146	-96.6341
		COASTAL MART NO 3063	312 E TRAVIS	PORT LAVACA	28.631831	-96.631661
		COASTAL MOTORS	224 N COMMERCE	PORT LAVACA	28.617548	-96.624938
		COASTAL STORE 3060	630 N VIRGINIA	PORT LAVACA	28.619332	-96.630116
		COCA COLA BOTTLING CO OF TH	1201 COUNTY RD	PORT LAVACA	28.6149	-96.6392
		DIAMOND SHAMROCK 00125	1104 N VIRGINIA	PORT LAVACA	28.623009	-96.633299
		DIAMOND SHAMROCK 415	2128 W MAIN ST	PORT LAVACA	28.609934	-96.644638
			2128 W MAIN ST	PORT LAVACA	28.609934	-96.644638
		DIEBEL OIL CO	707 W MAIN ST	PORT LAVACA	28.61185	-96.63067
		DIEBEL OIL CO INC	815 N HWY 35	PORT LAVACA	28.6305	-96.6224
		EMERSONS TACKLE SHOP	114 S COMMERCE	PORT LAVACA	28.616214	-96.623737
		FLORIDA GAS TRANSMISSION ST	N HWY 87	PORT LAVACA	28.614703	-96.626194
		GEMCO OF PORT LAVACA INC	120 S JUANITA ST	PORT LAVACA	28.611727	-96.630317
		GENERAL TELEPHONE SOUTHW	934 N BYPASS HWY 35	PORT LAVACA	28.6305	-96.6224
			934 N HWY 35	PORT LAVACA	28.6305	-96.6224
		KINCHEN CONSTRUCTION CO	S HWY 35	CALHOUN	28.6097	-96.6741
		KING FISHER MARINE SER INC	HWY 316	PORT LAVACA	28.6146	-96.6341
		KWIK WAY 1	1732 W MAIN ST	PORT LAVACA	28.609494	-96.639674
		L B BENES TEXACO	102 W MAIN	PORT LAVACA	28.614694	-96.626206
		MARSHALL CHEVROLET CO INC	203 COMMERCE	PORT LAVACA	28.61732	-96.624867
			203 N COMMERCE	PORT LAVACA	28.61732	-96.624867
		MID WAY	HWY 35 & HWY 172	WEEDHAVEN		
		PORT ENTERPRISES INC	2619 WAREHOUSE ST	PORT LAVACA	28.6097	-96.6741
		SEADRIFT PLANT	HWY 185 N	SEADRIFT	28.52893	-96.67894
		SPEEDY STOP 9	1800 S HWY 35	PORT LAVACA	28.6097	-96.6741
		TABORS EXXON	1808 W MAIN	PORT LAVACA	28.609601	-96.640679
		TANNERS AIRPORT	HWY 238	PORT LAVACA	28.612433	-96.624034
		THE CORNER	1717 HALF LEAGUE RD	PORT LAVACA	28.6237	-96.634
		VIKING MOBIL	148 N HWY 35	PORT LAVACA	28.6305	-96.6224
		WALMART 1098	713 HWY 35 BYPASS	PORT LAVACA	28.6336	-96.6336
			713 HWY 35 BYPASS	PORT LAVACA	28.6336	-96.6336
		WEAVERS 1	1108 BROADWAY	PORT LAVACA	28.626385	-96.624351
		WEAVERS 2	1107 W AUSTIN	PORT LAVACA	28.607371	-96.630913
		WINDER PROPERTY	132 N COMMERCE	PORT LAVACA	28.616677	-96.62415
	TXSPILL		CALHOUN COUNTY SHERIFF DEPAR			
			CALHOUN COUNTY SHERIFF DEPAR			
			CALHOUN COUNTY SHERIFF DEPAR			
			CALHOUN COUNTY SHERIFF DEPAR			
			SHRIMP BASIN	PORT LAVACA		
		76 SEADRIFT COKE LLC	8618 State Highway 185 N, Port Lavac	PORT LAVACA	28.6146	-96.6341
		AIRCO CARBON	OUTFALL 001 ON HWY 185, S OF HW	PORT LAVACA		
		AIRCO INC.	BARGE DOCK ON VICTORIA BARGE			
		ALCOA	004 OUTFALL AT ALCOA POINT COM	POINT COMF	28.6073	-96.6429
		B P CHEMICALS, INC.	WITHIN THE PLANT, HWY. 185 NORT	PORT LAVACA		
		B P CHEMICALS	6.5 MILES S OF BLOOMINGTON	PORT LAVACA		
			B P CHEMICAL FACILITY	PORT LAVACA		
			BP CHEMICAL PLANT, HWY 185, 6 1/	PORT LAVACA		

FACZIP	DATABASE	SITENAME	ADD	CITY	LATITUDE	LONGITUDE
77979	TXSPILL	B P CHEMICALS AMERICA, Inc.	FACILITY @ HWY 185 & VICTORIA B	PORT LAVACA		
		B.P. CHEMICAL	BP-PORT LAVACA OUTSIDE TANK S	PORT LAVACA		
		B.P. CHEMICALS	AT THE B.P. CHEMICALS PLANT SIT	PORT LAVACA		
			B.P. Chemicals plant, Port Lavaca	Port Lavaca		
			BP PLANT SITE	PORT LAVACA		
			BP plant, Port Lavaca	Port Lavaca		
			BP plant, Port Lavaca	Port Lavaca		
			HWY 185 @ GREENLAKE, PORT LAV	PORT LAVACA		
			HWY 185 AT GREENLAKE	PORT LAVACA		
			Under wastewater tank B (650,000 Gal)	Port Lavaca		
		B.P. CHEMICALS Inc.	STP area of BP - Green Lake Plant	Port Lavaca		
		B.P. CHEMICALS, INC.	B.P. CHEMICALS, PORT LAVACA; ST	PORT LAVACA		
		BP CHEMICAL	IN PLANT BY THE DEEPWELL PRET	PORT LAVACA		
			PORT LAVACA FACILITY	PORT LAVACA		
		BP CHEMICALS	AT BP FACILITY, VICTORIA BARGE C	PORT LAVACA		
			BP CHEMICALS PLANT SITE	PORT LAVACA		
			BP CHEMICALS, HWY 185, PORT LA	PORT LAVACA		
			BP CHEMICALS, PORT LAVACA	PORT LAVACA		
			BP CHEMICALS, TEXAS HGWY 185,	PORT LAVACA		
			HWY 185 6.5 MILES S OF BLOOMING	PORT LAVACA		
			PORT LAVACA PLANT	PORT LAVACA		
			RAIL RACK AREA, HWY 185 & HWY 3	PORT LAVACA		
			SULFURIC ACID DAY TANK AT DIME	PORT LAVACA		
		BP CHEMICALS INC	HWY 185 6.5 M S OF BLOOMINGTON	PORT LAVACA	28.52893	-96.67894
			HWY 185 6.5 M S OF BLOOMINGTON	PORT LAVACA	28.52893	-96.67894
		BP Chemicals Inc.	6.5 mi. south of Bloomington on State	Port Lavaca	28.44809	-96.405675
			Ammonia flare, BP Chemicals Green L	Port Lavaca		
			Ammonia flare, BP Chemicals Green L	Port Lavaca		
			Ammonia flare, BP Chemicals Green L	Port Lavaca		
			BP Chemicals, HWY. 185, 16 mi. W of	Port Lavaca		
			BP Chemicals, HWY. 185, 16 mi. W of	Port Lavaca		
			BP Chemicals, HWY. 185, 16 mi. W of	Port Lavaca		
			LIQUID VACCUMED UP ACRYLO	PORT LAVACA		
		BP CHEMICALS, INC.	6.5 MILES SO. OF BLOOMINGTON T	PORT LAVACA	28.44809	-96.405675
			'B' CRUDE TANK @ BP CHEMICALS,	PORT LAVACA		
			BP CHEMICALS, PORT LAVACA, TX	PORT LAVACA		
		Broadway Fish & Shrimp	Indianola Point, Broadway Fish & Shrim	Port Lavaca		
			Indianola Point, Broadway Fish & Shrim	Port Lavaca		
			Indianola Point, Broadway Fish & Shrim	Port Lavaca		
		Broadway Fish Market	Port Lavaca City Harbor	Port Lavaca		
			Port Lavaca City Harbor	Port Lavaca		
			Port Lavaca City Harbor	Port Lavaca		
		Broadway Restaurant	Harbor Refuge, Broadway Restaurant,	Port Lavaca		
			Harbor Refuge, Broadway Restaurant,	Port Lavaca		
			Harbor Refuge, Broadway Restaurant,	Port Lavaca		
			Hwy 238 West behind the community	Port Lavaca		
		Calhoun Co. Precinct 1	CALHOUN COUNTY AIRPORT, AIRP	PORT LAVACA		
		CALHOUN COUNTY	MANHOLE 405 ANN ANS LIVE OAK S	PORT LAVACA		
		CITY OF PORT LAVACA	CITY CLEANOUT ON GEORGE ST. A	PORT LAVACA		
		City of Port Lavaca	Collection line MH 364, Port Lavaca	Port Lavaca		
			Collection line MH 364, Port Lavaca	Port Lavaca		
			Collection line MH 364, Port Lavaca	Port Lavaca		
			Port Lavaca	Port Lavaca		
			Port Lavaca	Port Lavaca		
			Storm sewer discharge, Nautical Landi	Port Lavaca		
			Storm sewer discharge, Nautical Landi	Port Lavaca		
			Storm sewer discharge, Nautical Landi	Port Lavaca		
			Stormwater drain, Nautical Landings M	Port Lavaca		
			Stormwater drain, Nautical Landings M	Port Lavaca		
			Stormwater drain, Nautical Landings M	Port Lavaca		
		City of Port Lavaca - Utilities	Wastewater Force Main, 1621 Loop 10	Port Lavaca		
			Wastewater Force Main, 1621 Loop 10	Port Lavaca		
			Wastewater Force Main, 1621 Loop 10	Port Lavaca		
		Cunningham Seafood	Cunningham Seafood, Port Lavaca	Port Lavaca		
			Cunningham Seafood, Port Lavaca	Port Lavaca		
			Cunningham Seafood, Port Lavaca	Port Lavaca		
		Edgar C. Solis-Pacheco	1210 N. Virginia (apartments parking lot	Port Lavaca		
			1210 N. Virginia (apartments parking lot	Port Lavaca		
			1210 N. Virginia (apartments parking lot	Port Lavaca		
		FORMOSA	FORMOSA PLANT DE-MIN AREA OF	POINT COMF		
		FRANCISCO CARRIZALES	THIRD STREET & SHAFTNER STREE	PORT LAVACA		
		GENERAL TELEPHONE, SW INC.	934 NORTH HWY 35, PT LAVACA, TX	PORT LAVACA		
		GENERIC INCIDENT PRINCIPAL	GENERIC INCIDENT ZIP CODE 77979	PORT LAVACA		
			GENERIC INCIDENT ZIP CODE 77979	PORT LAVACA		
		Guadalupe-Blanco River Authority	Hwy 316, back dock area of GBRA Wat	Port Lavaca		
			Hwy 316, back dock area of GBRA Wat	Port Lavaca		
			Hwy 316, back dock area of GBRA Wat	Port Lavaca		
		HELENA CHEMICAL COMPANY	GENERIC INCIDENT ZIP CODE 77979	PORT LAVACA		

FACZIP	DATABASE	SITENAME	ADD	CITY	LATITUDE	LONGITUDE
77979	TXSPILL	Inspection Spot #3	Inspection Spot #3, 148 W. Hwy 35, Po	Port Lavaca		
			Inspection Spot #3, 148 W. Hwy 35, Po	Port Lavaca		
			Inspection Spot #3, 148 W. Hwy 35, Po	Port Lavaca		
		King Fisher Marine	King Fisher Marine Service, Dredge Isl	Port Lavaca		
			King Fisher Marine Service, Dredge Isl	Port Lavaca		
		King Fisher Marine Service	Matagorda Ship Channel, Point Comfor	Port Lavaca		
			Matagorda Ship Channel, Point Comfor	Port Lavaca		
			Matagorda Ship Channel, Point Comfor	Port Lavaca		
		KING FISHER MARINE SERVICE I	HWY 316 MAGNOLIA	PORT LAVACA	28.6146	-96.6341
		King Fisher Marine Services	Light 47, Port O'Connor, 10 mi from city	Port Lavaca		
			Light 47, Port O'Connor, 10 mi from city	Port Lavaca		
			Light 47, Port O'Connor, 10 mi from city	Port Lavaca		
		Kingfisher Marine Services, Inc.	Near Point Comfort on Dredge Spoil Isl	Port Lavaca		
			Near Point Comfort on Dredge Spoil Isl	Port Lavaca		
			Near Point Comfort on Dredge Spoil Isl	Port Lavaca		
		Mauritz Company	Mauritz's Service Station, Port Lavaca	Port Lavaca		
		MEMORIAL MEDICAL CENTER	MEMORIAL MEDICAL CENTER, POR	PORT LAVACA		
		PALACIOS MARINE & INDUSTRIAL	GENERIC INCIDENT ZIP CODE 77979	PORT LAVACA		
		Raul's Tire	Raul's Tire, Port Lavaca, 77979	Port Lavaca		
		RUST IND. CLEANING SERVICES	NEAR TANK VT761 ON CALHOUN CO	PORT LAVACA		
		SEADRIFT COKE L.P.	VICTORIA BARGE CANAL; SEADRIFT	PORT LAVACA		
		SEADRIFT COKE LP	8618 State Highway 185 N, Port Lavac	PORT LAVACA	28.6146	-96.6341
			SEADRIFT COKE LP PROCESS ARE	PORT LAVACA		
		Seadrift Coke, L.P.	Calciner/waste heat boiler	Port Lavaca		
			Calciner/waste heat boiler	Port Lavaca		
			Calciner/waste heat boiler, Seadrift Cok	Port Lavaca		
			Calciner/Wasteheat boiler, Seadrift Cok	Port Lavaca		
			Calciner/Wasteheat boiler, Seadrift Cok	Port Lavaca		
			Calciner/Wasteheat boiler, Seadrift Cok	Port Lavaca		
			Coker - flare	Port Lavaca		
			Coker - flare	Port Lavaca		
			Coker - flare, Seadrift Coke, L.P.	Port Lavaca		
			Coker Heater Flare, Seadrift Coke, HW	Port Lavaca		
			Coker Heater Flare, Seadrift Coke, HW	Port Lavaca		
			Coker Heater Flare, Seadrift Coke, HW	Port Lavaca		
			Coker unit/oily sewer (drain), Seadrift C	Port Lavaca		
			Coker unit/oily sewer (drain), Seadrift C	Port Lavaca		
			Coker unit/oily sewer (drain), Seadrift C	Port Lavaca		
			Coker, Seadrift Coke, Hwy 185 S. Sead	Port Lavaca		
			Coker, Seadrift Coke, Hwy 185 S. Sead	Port Lavaca		
			Coker, Seadrift Coke, Hwy 185 S. Sead	Port Lavaca		
			Flare	Port Lavaca		
			Flare	Port Lavaca		
			Flare, Seadrift Coke, L.P., Port Lavaca	Port Lavaca		
			Highway 185 South	Port Lavaca		
			Highway 185 South	Port Lavaca		
			Highway 185 South, Port Lavaca	Port Lavaca		
			Seadrift Coke Plant - Calciner unit.	Port Lavaca		
			Seadrift Coke Plant - Calciner unit.	Port Lavaca		
			Seadrift Coke Plant - Calciner unit.	Port Lavaca		
			Seadrift Coke Plant, Port Lavaca	Port Lavaca		
			Seadrift Coke Plant, Port Lavaca	Port Lavaca		
			Slop Oil Tank, Seadrift Coke Plant	Port Lavaca		
			Slop Oil Tank, Seadrift Coke Plant	Port Lavaca		
			Wasteheat Boiler/Baghouse ID Fan, SH	Port Lavaca		
			Wasteheat Boiler/Baghouse ID Fan, SH	Port Lavaca		
			Wasteheat Boiler/Baghouse ID Fan, SH	Port Lavaca		
		SEADRIFT COKE, LP	WITHIN A TANK DIKE IN A TANK FAR	SEADRIFT		
		SEADRIFT PIPELINE	Kenedy Co.	Port Lavaca		
			Kenedy Co.	Port Lavaca		
			Kenedy Co.	Port Lavaca		
			Kenedy Co.	Port Lavaca		
			OFF OF COUNTY RD 391, WHARTON	PORT LAVACA		
		SEADRIFT PIPELINE CO.	CO RD 44	PORT LAVACA		
		SEADRIFT PIPELINE COMPANY	6 MI. N OF MIDFIELD ON HWY 71 AT	PORT LAVACA		
		SEADRIFT PIPELINE CORPORATI	PIPELINE NEAR PHILLIPS PLANT EN	PORT LAVACA		
		Silvia Construction	Silvia Construction, 214 Half League R	Port Lavaca		
			Silvia Construction, 214 Half League R	Port Lavaca		
			Silvia Construction, 214 Half League R	Port Lavaca		
		SOHIO CHEMICAL CO.	4 MILES NORTH OF SH 35 ON THE V	PORT LAVACA		
		STANDARD OIL CHEMICAL	4 MI. N OF HWY 185 & HWY 35 INTE	PORT LAVACA		
			4 MI. N OF HWY 185 & HWY 35 INTE	PORT LAVACA		
		STANDARD OIL CHEMICAL CO.	RAILCAR LOADING AREA EAST OF P	PORT LAVACA		
		STANDARD OIL CHEMICAL COMP	VISTRON BARGE DOCK ON VICTORI	PORT LAVACA		
		THE CARBIDE/GRAPHITE GROUP,	SEADRIFT PLANT, HWY 185	PORT LAVACA		
		THE CARBON/GRAPHITE GROUP,	IN PLANT SPILL LOCATED NEAR SE	PORT LAVACA		
		THOMAS PETROLEUM INC.	EXXON SATION HWY 35, ADJACENT	PORT LAVACA		
		UNIO CARBIDE	UNIO CARBIDE CORP. SEADRIFT, T	PORT LAVACA		

FACZIP	DATABASE	SITENAME	ADD	CITY	LATITUDE	LONGITUDE
77979	TXSPILL	UNION CARBIDE	#2 FURNACE GAS COMPRESSER @	PORT LAVACA		
			#2 Olefins plant on N. Cedric Dr., Port	Port Lavaca		
			#2 Olefins plant on N. Cedric Dr., Port	Port Lavaca		
			#2 Olefins plant on N. Cedric Dr., Port	Port Lavaca		
			#2 OLEFINS UNIT @ UNION CARBID	PORT LAVACA		
			#2 OLEFINS UNIT, UNION CARBIDE,	SEADRIFT		
			#2 OLEFINS UNIT, UNION CARBIDE,	SEADRIFT		
			CELLOSOLVE ACETATE UNIT,UCC,	PORT LAVACA		
			DISTRIBUTION AREA NORTH LOADI	PORT LAVACA		
			FURNANCE GAS	PORT LAVACA		
			GEU UNIT INSIDE FACILITY,2 MI. S.	PORT LAVACA		
			GLYCOL ETHER UNIT, UNION CARBI	PORT LAVACA		
			GLYCOL UNIT	PORT LAVACA		
			HEAVY EQUIPMENT YARD	PORT LAVACA		
			HWY 185 & HWY 35 N OF SEADRIFT	PORT LAVACA	28.5261	-96.79188
			HWY 185 NEAR GREEN LAKE AT PL	PORT LAVACA		
			HWY 185 NEAR HWY 35 @ UCC SEA	PORT LAVACA		
			HWY 185 NORTH SEADRIFT, TX.	PORT LAVACA		
			HWY 185 PORT LAVACA, TX , 77979	PORT LAVACA		
			HWY 185, SEADRIFT PLANT, PORT L	PORT LAVACA		
			HWY. 185 & IH-35, 7 MI. N OF SEADR	PORT LAVACA		
			IN SEADRIFT IN THE OXIDE UNIT	PORT LAVACA		
			INSIDE UNION CARBIDE PLANT ST S	PORT ARTHU		
			NORTH FIELD STORAGE TANK 2960	PORT LAVACA		
			NORTH FIELD,UNION CARBIDE, SEA	PORT LAVACA		
			OLEFINS #14 COMPRESSOR	PORT LAVACA		
			OLEFINS UNIT (GAS COMPERSOR	PORT LAVACA		
			OLEFINS UNIT GAS COMPROSSOR	PORT LAVACA		
			OLEFINS UNIT, UNION CARBIDE, PT	PT LAVACA		
			OLEFINS UNIT, UNION CARBIDE, SE	PORT LAVACA		
			OLENFINS BLOCK IN FURNACE @ F	PORT LAVACA		
			OXIDE 2 UNIT AT UCC FACILITY IN S	PORT LAVACA		
			OXIDE 2 UNIT AT UCC FACILITY IN S	PORT LAVACA		
			OXIDE UNIT	PORT LAVACA		
			OXIDE UNIT	PORT LAVACA		
			PLANT #2 OLEFINS UNIT #14 COMP	PORT LAVACA		
			PLANT SITE NORTH OF SEADRIFT	PORT LAVACA		
			RECOVERY COLUMN, UNION CARBI	PORT LAVACA		
			REXCO LAYDOWN YARD NEAR HWY	PORT LAVACA		
			SEADRIFT AT 15 PLANT UNLOADING	SEA DRIFT		
			SEADRIFT FACILITY	PORT LAVACA		
			SEADRIFT FACILITY	PORT LAVACA		
			SEADRIFT FACILITY	PORT LAVACA		
			SEADRIFT FACILITY	PORT LAVACA		
			SEADRIFT FACILITY, #2 OLEFINS VA	SEADRIFT		
			SEADRIFT ON N 185, CALHOUN CO.	PORT LAVACA		
			SEADRIFT PLANT	PORT LAVACA		
			SEADRIFT PLANT ON HIGHWAY 185	PORT LAVACA		
			SEADRIFT PLANT ON HWY 185	PORT LAVACA		
			SEADRIFT PLANT ON HWY 185, N O	PORT LAVACA		
			SEADRIFT PLANT, PORT LAVACA	SEADRIFT		
			SEADRIFT PLANT, TANK 910	PORT LAVACA		
			SEADRIFT, TEXAS FACILITY	SEADRIFT		
			STORM DRAIN ON CO. PROPERTY	PORT LAVACA		
			TANK FARM @ FACILITY AT ABOVE	PORT LAVACA		
			TANK FARM, SEADRIFT, TX	SEADRIFT		
			TANK LEAK @ UNION CARBIDE, SEA	SEADRIFT		
			TANK NO# 2950 WITHIN THE UNION	PORT LAVACA		
			U.C. Seadrift, 2 mi. W of IH35 & 185, H	Seadrift		
			UCC PLANT IN SEADRIFT	PORT LAVACA		
			UCC PLANT IN SEADRIFT	PORT LAVACA		
			UCC PLANT IN SEADRIFT	PORT LAVACA		
			UCC PLANT ON HWY 185, 2 MI. S OF	PORT LAVACA		
			UCC PLANT OXIDE DERIVATIVE UNI	PORT LAVACA		
			UCC SEADRIFT PLANT	PORT LAVACA		
			UCC SEADRIFT PLANT	PORT LAVACA		
			UCC SEADRIFT PLANT	PORT LAVACA		
			UCC SEADRIFT PLANT	PORT LAVACA		
			UCC SEADRIFT PLANT	PORT LAVACA		
			UCC SEADRIFT PLANT	PORT LAVACA		
			UCC SEADRIFT PLANT ON HWY 185	PORT LAVACA	28.5261	-96.79188
			UCC, PT LAVACA, FURNACE PLANT	PORT LAVACA		
			UNIO CARBIDE CROP., SEADRIFT, T	PORT LAVACA		
			UNION CARBIDE	SEADRIFT		
			UNION CARBIDE - SEADRIFT	SEADRIFT		
			UNION CARBIDE - SEADRIFT PLANT	SEADRIFT		
			UNION CARBIDE - SEADRIFT, HWY 1	SEADRIFT		
			UNION CARBIDE BARGE DOCKS @	PORT LAVACA		

FACZIP	DATABASE	SITENAME	ADD	CITY	LATITUDE	LONGITUDE
77979	TXSPILL	UNION CARBIDE	UNION CARBIDE CHEMICALS AND P	SEADRIFT		
			UNION CARBIDE DISTRIBUTION TRA	PORT LAVACA		
			UNION CARBIDE OXIDE UNIT, SEAD	PORT LAVACA		
			UNION CARBIDE PLANT, HWY 185; O	PORT LAVACA		
			UNION CARBIDE PLANT, SEADRIFT	PT LAVACA		
			UNION CARBIDE PORT LAVACA ETH	PORT LAVACA		
			UNION CARBIDE SEADRIFT AT THE	PORT LAVACA		
			UNION CARBIDE SEADRIFT HIGHWA	PORT LAVACA		
			UNION CARBIDE SEADRIFT PLANT	PORT LAVACA		
			UNION CARBIDE SEADRIFT PLANT,	PORT LAVACA		
			UNION CARBIDE WEST FIELD TK815	PORT LAVACA		
			UNION CARBIDE, 2 MI SO OF HWY 3	SEADRIFT		
			UNION CARBIDE, HWY 185 N., SEAD	PORT LAVACA		
			UNION CARBIDE, HWY 185, 5 MILES	PORT LAVACA		
			UNION CARBIDE, HWY 185, SEADRI	PORT LAVACA		
			UNION CARBIDE, HWY 185, SEADRI	PORT LAVACA		
			UNION CARBIDE, HWY 185, SEADRI	PORT LAVACA		
			UNION CARBIDE, PORT LAVACA; 2	PORT LAVACA		
			UNION CARBIDE, SEADRIFT	PORT LAVACA		
			UNION CARBIDE, SEADRIFT FACILIT	SEADRIFT		
			UNION CARBIDE, SEADRIFT PLANT	PORT LAVACA		
			UNION CARBIDE, SEADRIFT, PORT L	PORT LAVACA		
			UNION CARBIDE, SEADRIFT, TX	PORT LAVACA		
			UNION CARBIDE, SEADRIFT, TX HWY	SEADRIFT		
			UNION CARBIDE, SEADRIFT/PORT L	PORT LAVACA		
			UNION CARBIDE, PORT LAVACA TX,	SEADRIFT		
		Union Carbide - Port Lavaca	Port Lavaca, Tx facility, D3 scrubber	Port Lavaca		
			Port Lavaca, Tx facility, D3 scrubber	Port Lavaca		
			Port Lavaca, Tx facility, D3 scrubber	Port Lavaca		
			Union Carbide plant on Hwy 185 in Port	Port Lavaca		
			Union Carbide plant on Hwy 185 in Port	Port Lavaca		
			Union Carbide plant on Hwy 185 in Port	Port Lavaca		
			Union Carbide, Pt Lavaca	Port Lavaca		
			Union Carbide, Pt Lavaca	Port Lavaca		
		UNION CARBIDE - SEADRIFT	DISTRIBUTION AREA, UCC SEADRIF	SEADRIFT		
			facility at Hwy 185, Seadrift, Tx	Port Lavaca		
			facility at Hwy 185, Seadrift, Tx	Port Lavaca		
			facility at Hwy 185, Seadrift, Tx	Port Lavaca		
			N. HWY 185, SEADRIFT, UCC PLANT	PORT LAVACA		
			NORTH SEADRIFT, OLEFIN UNIT #2,	SEADRIFT		
			SEADRIFT FACILITY, 2 MI. SOUTH O	PORT LAVACA		
			UNION CARBIDE, SEADRIFT	PORT LAVACA		
		UNION CARBIDE AT SEADRIFT	OXIDE UNIT AT UNION CARBIDE CO	PORT LAVACA		
		UNION CARBIDE CHEM. & PLASTI	ETHYLENE GLYCOL UNIT AT UNION	PORT LAVACA		
		UNION CARBIDE CHEMICALS	GYLCOOL ETHERS UNIT, UCC, PT LA	PORT LAVACA		
			INTERSECTION OF STATE HWY 35 A	PORT LAVACA		
			UNION CARBIDE PLANT, PORT LAVA	PORT LAVACA		
			UNION CARBIDE SEADRIFT PLANT -	PORT LAVACA		
			UNION CARBIDE, SEADRIFT TX. FAC	PORT LAVACA		
		UNION CARBIDE CHEMICALS AN	UCC NORTH FIELD DISTRIBUTION A	PORT LAVACA		
		UNION CARBIDE CO- SEADRIFT	OXIDE UNIT IN THE MIDDLE OF THE	PORT LAVACA		
		UNION CARBIDE CO.	AT THE UNIO CARBIDE SEADRIFT P	PORT LAVACA		
		UNION CARBIDE CORP	AT THE SEADRIFT UNION CARBIDE	PORT LAVACA		
			CORNER OF EAST ST. & 5TH ST, UN	PORT LAVACA		
			DIKE AREA 2932, SEADRIFT PLANT	PORT LAVACA		
			E.P. LANDFILL	PORT LAVACA		
			OLEFINS UNIT IN UNION CARBIDE P	PORT LAVACA		
			OLEFINS UNIT, UCC, PORT LAVACA	PORT LAVACA		
			OLEFINS VACUUM DEGASSING UNI	PORT LAVACA		
			SEADRIFT PLANT (OLEFINS UNIT)	PORT LAVACA		
			SEADRIFT PLANT, 2 MILES SOUTH O	PORT LAVACA	28.52635	-96.79149
			UCC SEADRIFT PLANT #2 OLEFINS	PORT LAVACA		
			UNION CARBIDE CORP, SEADRIFT P	PORT LAVACA		
			UNION CARBIDE CORP. SEADRIFT T	PORT LAVACA		
			UNION CARBIDE CORP. SEADRIFT, T	PORT LAVACA		
			UNION CARBIDE PLANT IN SEADRIF	PORT LAVACA		
		UNION CARBIDE CORP SEADRIFT	HWY 185 W/HW OF SEADRIFT TX	PORT LAVACA		
			WITHIN THE PLANT AT THE NORTH	PORT LAVACA		
		UNION CARBIDE CORP.	#1 BRC UNIT, UNION CARBIDE FACI	PORT LAVACA		
			#2 OLEFINS UNIT @ UNION CARBID	PORT LAVACA		
			ofins II - vacuum degassing unit, Union	SEADRIFT		
			SEADRIFT - OXIDE UNIT	PORT LACAC		
			UCC-SEADRIFT #15 FURNACE GAS	PORT LAVACA		
			UNION CARBIDE - SEADRIFT	PORT LAVACA		
			UNION CARBIDE CORP. SEADRIFT, T	SEADRIFT		
			UNION CARBIDE CORP., SEADRIFT	PORT LAVACA		
			Union Carbide Plant #510, Port Lavaca	Port Lavaca		
			UNION CARBIDE PLANT, SEADRIFT	PORT LAVACA		

FACZIP	DATABASE	SITENAME	ADD	CITY	LATITUDE	LONGITUDE
77979	TXSPILL	UNION CARBIDE CORP.	UNION CARBIDE SEADRIFT PLANT	PORT LAVACA		
			UNION CARBIDE, SEADRIFT, TEXAS,	PORT LAVACA		
			UNION CARBIDE, SEADRIFT, TX, HW	PORT LAVACA		
			WEST FIELD TANK 905, UNION CAR	PORT LAVACA		
		UNION CARBIDE CORP. SEADRIF	AT THE BARGE DOCK, IN A FIXED PI	PORT LAVACA		
			Isolation Valve online to ORS Column,	Port Lavaca		
			LOADING RACK 2A IN CHEMICAL DI	PORT LAVACA		
			LOW PRESSURE II POLYETHYLENE	PORT LAVACA		
			UNION CARBIDE CORP., SEADRIFT	PORT LAVACA		
			UNION CARBIDE, SEADRIFT, 2mi. S	Port Lavaca		
			Vacuum Degassing Unit, 2mi. S. of SH	Port Lavaca		
			Within the Plant - Seadrift	Port Lavaca		
			Within the Seadrift plant	Port Lavaca		
		Union Carbide Corp.- Seadrift	#1 Activator, Union Carbide, IH 35 and	Port Lavaca	28.609733	-96.633926
			#1 Activator, Union Carbide, IH 35 and	Port Lavaca	28.609733	-96.633926
			#1 Activator, Union Carbide, IH 35 and	Port Lavaca	28.609733	-96.633926
			#1 Activator, Union Carbide, IH35 and	Port Lavaca	28.609733	-96.633926
			#1 Activator, Union Carbide, IH35 and	Port Lavaca	28.609733	-96.633926
			#1 Activator, Union Carbide, IH35 and	Port Lavaca	28.609733	-96.633926
			#1 Dump tank, deluge system	Port Lavaca	28.609733	-96.633926
			#1 Dump tank, deluge system	Port Lavaca	28.609733	-96.633926
			#1 Dump tank, deluge system	Port Lavaca	28.609733	-96.633926
			#1 Product Room, Union Carbide, 2.5 mi	Port Lavaca		
			#1 Product Room, Union Carbide, 2.5 mi	Port Lavaca		
			#1 Product Room, Union Carbide, 2.5 mi	Port Lavaca		
			10 miles east of Port Lavaca	Port Lavaca	28.609733	-96.633926
			10 miles east of Port Lavaca	Port Lavaca	28.609733	-96.633926
			10 miles east of Port Lavaca	Port Lavaca	28.609733	-96.633926
			186 Port Lavaca Highway, Port Lavaca	Port Lavaca	28.609733	-96.633926
			186 Port Lavaca Highway, Port Lavaca	Port Lavaca	28.609733	-96.633926
			186 Port Lavaca Highway, Port Lavaca	Port Lavaca	28.609733	-96.633926
			Ammonia reactor, Union Carbide plant,	Port Lavaca		
			Ammonia reactor, Union Carbide plant,	Port Lavaca		
			Ammonia reactor, Union Carbide plant,	Port Lavaca		
			Butyls Unit, Union Carbide- Seadrift	Port Lavaca	28.609733	-96.633926
			Butyls Unit, Union Carbide- Seadrift	Port Lavaca	28.609733	-96.633926
			Butyls Unit, Union Carbide- Seadrift	Port Lavaca	28.609733	-96.633926
			Degassing unit compressor, Union Car	Port Lavaca	28.609733	-96.633926
			Degassing unit compressor, Union Car	Port Lavaca	28.609733	-96.633926
			Degassing unit compressor, Union Car	Port Lavaca	28.609733	-96.633926
			Flare at Union Carbide, Seadrift, TX	Port Lavaca	28.609733	-96.633926
			Flare at Union Carbide, Seadrift, TX	Port Lavaca	28.609733	-96.633926
			Flare at Union Carbide, Seadrift, TX	Port Lavaca	28.609733	-96.633926
			Highway 185, Port Lavaca	Port Lavaca	28.609733	-96.633926
			Highway 185, Port Lavaca	Port Lavaca	28.609733	-96.633926
			Highway 185, Port Lavaca	Port Lavaca	28.609733	-96.633926
			Highway 185, Seadrift	Port Lavaca	28.609733	-96.633926
			Highway 185, Seadrift	Port Lavaca	28.609733	-96.633926
			Highway 185, Seadrift, Union Carbide	Port Lavaca	28.609733	-96.633926
			Intersection of Highway 185 and 35, ne	Port Lavaca		
			Intersection of Highway 185 and 35, ne	Port Lavaca		
			Intersection of Highway 185 and 35, ne	Port Lavaca		
			Lavaca Bay, Barge Area	Port Lavaca	28.609733	-96.633926
			Lavaca Bay, Barge Area	Port Lavaca	28.609733	-96.633926
			Lavaca Bay, Barge Area	Port Lavaca	28.609733	-96.633926
			Low Pressure One Polyethylene, Union	Port Lavaca		
			Low Pressure One Polyethylene, Union	Port Lavaca		
			Low pressure polyethylene unit, Union	Port Lavaca	28.609733	-96.633926
			Low pressure polyethylene unit, Union	Port Lavaca	28.609733	-96.633926
			Low pressure polyethylene unit, Union	Port Lavaca	28.609733	-96.633926
			Low pressure polyethylene unit, Union	Port Lavaca	28.609733	-96.633926
			ODU unit, Highway 185, Union Carbide	Port Lavaca	28.609733	-96.633926
			ODU unit, Highway 185, Union Carbide	Port Lavaca	28.609733	-96.633926
			ODU unit, Highway 185, Union Carbide	Port Lavaca	28.609733	-96.633926
			Olefin Unit, #14 Compressor, 2mi. S of	Port Lavaca	28.609733	-96.633926
			Olefin Unit, #14 Compressor, 2mi. S of	Port Lavaca	28.609733	-96.633926
			Olefin Unit, #14 Compressor, 2mi. S of	Port Lavaca	28.609733	-96.633926
			Olefin unit, Union Carbide, IH35, 2mi. S	Port Lavaca	28.609733	-96.633926
			Olefin unit, Union Carbide, IH35, 2mi. S	Port Lavaca	28.609733	-96.633926
			Olefin unit, Union Carbide, IH35, 2mi. S	Port Lavaca	28.609733	-96.633926
			Olefin unit, Union Carbide, 2.5 mi.S. of	Port Lavaca		
			Olefin unit, Union Carbide, 2.5 mi.S. of	Port Lavaca		
			Olefin unit, Union Carbide, 2.5 mi.S. of	Port Lavaca		
			Olefins Unit #15 compressor, Union Ca	Port Lavaca	28.609733	-96.633926
			Olefins Unit #15 compressor, Union Ca	Port Lavaca	28.609733	-96.633926
			Olefins Unit #15 compressor, Union Ca	Port Lavaca	28.609733	-96.633926
			Olefins unit, Seadrift facility	Port Lavaca	28.609733	-96.633926
			Olefins unit, Seadrift facility	Port Lavaca	28.609733	-96.633926

FACZIP	DATABASE	SITENAME	ADD	CITY	LATITUDE	LONGITUDE
77979	TXSPILL	Union Carbide Corp.- Seadrift	Olefin's unit, Seadrift Plant, 2 mi. S. IH3	Port Lavaca	28.609733	-96.633926
			Olefin's unit, Seadrift Plant, 2 mi. S. IH3	Port Lavaca	28.609733	-96.633926
			Olefin's unit, Seadrift Plant, 2 mi. S. IH3	Port Lavaca	28.609733	-96.633926
			Olefins Unit, Union Carbide, IH35 and 1	Port Lavaca		
			Olefins Unit, Union Carbide, IH35 and 1	Port Lavaca		
			Olefins Unit, Union Carbide, IH35 and 1	Port Lavaca	28.609733	-96.633926
			Olefins unit, vacuum degassing unit at	Port Lavaca	28.609733	-96.633926
			Olefins unit, vacuum degassing unit at	Port Lavaca	28.609733	-96.633926
			Olefins unit, vacuum degassing unit at	Port Lavaca	28.609733	-96.633926
			Olefins Unit, vacuum degassing unitat U	Port Lavaca	28.609733	-96.633926
			Olefins Unit, vacuum degassing unitat U	Port Lavaca	28.609733	-96.633926
			Olefins Unit, vacuum degassing unitat U	Port Lavaca	28.609733	-96.633926
			One mi N of Highway 185 and Highway	Port Lavaca		
			One mi N of Highway 185 and Highway	Port Lavaca		
			One mi N of Highway 185 and Highway	Port Lavaca		
			Oxide Unit, Seadrift Plant, 2mi. S. IH 3	Port Lavaca		
			Oxide Unit, Seadrift Plant, 2mi. S. IH 3	Port Lavaca		
			Oxide Unit, Seadrift Plant, 2mi. S. IH 3	Port Lavaca		
			Pressure safety valve, Union Carbide I	Port Lavaca		
			Pressure safety valve, Union Carbide I	Port Lavaca		
			Pressure safety valve, Union Carbide I	Port Lavaca		
			Reactor, Union Carbide, 2 mi.S. of Port	Port Lavaca		
			Reactor, Union Carbide, 2 mi.S. of Port	Port Lavaca		
			Reactor, Union Carbide, 2 mi.S. of Port	Port Lavaca		
			Seadrift Plant, Seadrift	Port Lavaca	28.609733	-96.633926
			Seadrift Plant, Seadrift	Port Lavaca	28.609733	-96.633926
			Seadrift Plant, Seadrift	Port Lavaca	28.609733	-96.633926
			Tank D-265, UC Seadrift, 2 mi. S. of in	Port Lavaca		
			Tank D-265, UC Seadrift, 2 mi. S. of in	Port Lavaca		
			Tank D-265, UC Seadrift, 2 mi. S. of in	Port Lavaca		
			Three separate units, Union Carbide-S	Port Lavaca	28.609733	-96.633926
			Three separate units, Union Carbide-S	Port Lavaca	28.609733	-96.633926
			Three separate units, Union Carbide-S	Port Lavaca	28.609733	-96.633926
			U-C plant 2 mi S Hwy 35 & 185, Port La	Port Lavaca		
			U-C plant 2 mi S Hwy 35 & 185, Port La	Port Lavaca		
			U-C plant 2 mi S Hwy 35 & 185, Port La	Port Lavaca		
			Union Carbide at Seadrift - Oxide Unit.	Port Lavaca	28.609733	-96.633926
			Union Carbide at Seadrift - Oxide Unit.	Port Lavaca	28.609733	-96.633926
			Union Carbide at Seadrift - Oxide Unit.	Port Lavaca	28.609733	-96.633926
			Union Carbide plant	Port Lavaca	28.609733	-96.633926
			Union Carbide plant	Port Lavaca	28.609733	-96.633926
			Union Carbide plant	Port Lavaca	28.609733	-96.633926
			Union Carbide plant 2 mi S of Hwy 35 &	Port Lavaca		
			Union Carbide plant 2 mi S of Hwy 35 &	Port Lavaca		
			Union Carbide plant 2 mi S of Hwy 35 &	Port Lavaca		
			Union Carbide plant in Seadrift, TX	Port Lavaca	28.609733	-96.633926
			Union Carbide plant in Seadrift, TX	Port Lavaca	28.609733	-96.633926
			Union Carbide plant in Seadrift, TX	Port Lavaca	28.609733	-96.633926
			Union Carbide Plant, Seadrift	Port Lavaca	28.609733	-96.633926
			Union Carbide Plant, Seadrift	Port Lavaca	28.609733	-96.633926
			Union Carbide Seadrift - Olefins unit.	Port Lavaca	28.609733	-96.633926
			Union Carbide Seadrift - Olefins unit.	Port Lavaca	28.609733	-96.633926
			Union Carbide Seadrift - Olefins unit.	Port Lavaca	28.609733	-96.633926
			Union Carbide Seadrift plant - silo 206.	Port Lavaca	28.609733	-96.633926
			Union Carbide Seadrift plant - silo 206.	Port Lavaca	28.609733	-96.633926
			Union Carbide Seadrift plant - silo 206.	Port Lavaca	28.609733	-96.633926
			Union Carbide Seadrift, 2 mi S Hwy 35	Port Lavaca		
			Union Carbide Seadrift, 2 mi S Hwy 35	Port Lavaca		
			Union Carbide Seadrift, 2 mi S Hwy 35	Port Lavaca		
			Union Carbide Seadrift, 2 mi S Hwy 35	Port Lavaca		
			Union Carbide Seadrift, 2 mi S Hwy 35	Port Lavaca		
			Union Carbide Seadrift, 2 mi S Hwy 35	Port Lavaca		
			Union Carbide, Calhoun County	Port Lavaca	28.609733	-96.633926
			Union Carbide, Calhoun County	Port Lavaca	28.609733	-96.633926
			Union Carbide, Calhoun County	Port Lavaca	28.609733	-96.633926
			Union Carbide, Highway 185, Seadrift	Port Lavaca	28.609733	-96.633926
			Union Carbide, Highway 185, Seadrift	Port Lavaca	28.609733	-96.633926
			Union Carbide, Highway 185, Seadrift	Port Lavaca	28.609733	-96.633926
			Union Carbide, Highway 185, Seadrift	Port Lavaca	28.609733	-96.633926
			Union Carbide, Highway 185, Seadrift	Port Lavaca	28.609733	-96.633926
			Union Carbide, Highway 185, Seadrift	Port Lavaca	28.609733	-96.633926
			Union Carbide, Seadrift	Port Lavaca	28.609733	-96.633926
			Union Carbide, Seadrift	Port Lavaca	28.609733	-96.633926
			Union Carbide, Seadrift	Port Lavaca	28.609733	-96.633926
			Union Carbide, Seadrift	Port Lavaca	28.609733	-96.633926
			Union Carbide, Seadrift	Port Lavaca	28.609733	-96.633926
			Union Carbide, Seadrift, TX	Port Lavaca	28.609733	-96.633926
			Union Carbide, Seadrift, TX	Port Lavaca	28.609733	-96.633926



FACZIP	DATABASE	SITENAME	ADD	CITY	LATITUDE	LONGITUDE
77979	TXUST	BJS QUICK STOP CNV STORE	HWY 35 S & MEADOW LN	PORT LAVACA		
		BUC EES 12	2318 W MAIN ST	PORT LAVACA	28.610097	-96.645168
			2318 W MAIN ST	PORT LAVACA	28.610097	-96.645168
		C L THOMAS PETROLEUM INC	135 & MILDRED DR	PORT LAVACA		
		CALHOUN CO SHERIFF DEPT	211 S ANN	PORT LAVACA	28.61339	-96.62611
		CALHOUN COUNTY	211 S ANN	PORT LAVACA	28.61339	-96.62611
		CALHOUN COUNTY AIRPORT	AIRPORT RD	PORT LAVACA		
			AIRPORT RD	PORT LAVACA		
		CALHOUN COUNTY ISD	613 N COLORADO ST	PORT LAVACA	28.619589	-96.629269
			613 N COLORADO ST	PORT LAVACA	28.619589	-96.629269
		CALHOUN COUNTY PCT 1	CO RD 101	PORT LAVACA	28.60442	-96.64945
		CALHOUN COUNTY PCT 2	5812 HWY 1090	PORT LAVACA	28.6625	-96.6392
			5812 HWY 1090	PORT LAVACA	28.6625	-96.6392
		CALHOUN COUNTY PCT 3	RT 3	PORT LAVACA	28.6305	-96.6224
		CAMPER CORRAL	1404 BROADWAY	PORT LAVACA	28.6276	-96.6238
		CASHWAY GROCERY	General Delivery	PORT LAVACA	28.6146	-96.6341
			General Delivery	PORT LAVACA	28.6146	-96.6341
		CITY OF PORT LAVACA	206 E MAIN	PORT LAVACA	28.615299	-96.62542
			628 W GEORGE	PORT LAVACA	28.615385	-96.632931
			628 W GEORGE	PORT LAVACA	28.615385	-96.632931
		CLEGG SEAFOOD INTERNATIONA	915 BROADWAY	PORT LAVACA	28.6231	-96.626
			915 BROADWAY	PORT LAVACA	28.6231	-96.626
			915 BROADWAY	PORT LAVACA	28.6231	-96.626
		COASTAL MOTORS	224 N COMMERCE	PORT LAVACA	28.617548	-96.624938
			224 N COMMERCE	PORT LAVACA	28.617548	-96.624938
		COCA-COLA BOTTLING CO OF TH	CO RD	PORT LAVACA	28.615353	-96.625471
		CRITENDON DRILLING SERVICE I	RT 3	PORT LAVACA	28.6305	-96.6224
			RT 3	PORT LAVACA	28.6305	-96.6224
		CZECH PLACE	FM 1090 & ROYAL RD	PORT LAVACA		
			FM 1090 & ROYAL RD	PORT LAVACA		
			FM 1090 & ROYAL RD	PORT LAVACA		
		DIAMOND SHAMROCK CORNER S	2128 W MAIN ST	PORT LAVACA	28.609934	-96.644638
			2128 W MAIN ST	PORT LAVACA	28.609934	-96.644638
			2128 W MAIN ST	PORT LAVACA	28.609934	-96.644638
			2128 W MAIN ST	PORT LAVACA	28.609934	-96.644638
		DIEBEL OIL CO INC	815 N HWY 35	PORT LAVACA	28.6305	-96.6224
			815 N HWY 35	PORT LAVACA	28.6305	-96.6224
			815 N HWY 35	PORT LAVACA	28.6305	-96.6224
			815 N HWY 35	PORT LAVACA	28.6305	-96.6224
		DUMAS USED CARS	469 BROADWAY	PORT LAVACA	28.62059	-96.626847
			469 BROADWAY	PORT LAVACA	28.62059	-96.626847
			469 BROADWAY	PORT LAVACA	28.62059	-96.626847
		EL PATIO RESTAURANT	548 W MAIN ST	PORT LAVACA	28.612595	-96.629366
			548 W MAIN ST	PORT LAVACA	28.612595	-96.629366
			548 W MAIN ST	PORT LAVACA	28.612595	-96.629366
		EMERSONS TACKLE SHOP	114 S COMMERCE	PORT LAVACA	28.616214	-96.623737
			114 S COMMERCE	PORT LAVACA	28.616214	-96.623737
			114 S COMMERCE	PORT LAVACA	28.616214	-96.623737
		ENTERPRISE PRODUCTS CO DBA	HWY 35 & 185	PORT LAVACA		
			HWY 35 & 185	PORT LAVACA		
		EXXON RS 6 675	1208 N VIRGINIA	PORT LAVACA	28.623622	-96.633848
			1208 N VIRGINIA	PORT LAVACA	28.623622	-96.633848
			1208 N VIRGINIA	PORT LAVACA	28.623622	-96.633848
			1208 N VIRGINIA	PORT LAVACA	28.623622	-96.633848
		FIRST CONVENIENCE	1916 W AUSTIN AVE	PORT LAVACA	28.60169	-96.63592
			1916 W AUSTIN AVE	PORT LAVACA	28.60169	-96.63592
			1916 W AUSTIN AVE	PORT LAVACA	28.60169	-96.63592
		FLORIDA GAS PORT LAVACA STA	RT 1 B	PORT LAVACA	28.6146	-96.6341
		GBRA PORT LAVACA TRTMT PLA	US HWY 316 MAGNOLIA BE	PORT LAVACA	28.6146	-96.6341
		GEMCO OF PORT LAVACA INC	120 S JUANITA	PORT LAVACA	28.611727	-96.630317
			120 S JUANITA	PORT LAVACA	28.611727	-96.630317
			120 S JUANITA	PORT LAVACA	28.611727	-96.630317
		GET & GO	717 HALF LEAGUE ST	PORT LAVACA	28.614171	-96.637408
			717 HALF LEAGUE ST	PORT LAVACA	28.614171	-96.637408
			717 HALF LEAGUE ST	PORT LAVACA	28.614171	-96.637408
			717 HALF LEAGUE ST	PORT LAVACA	28.614171	-96.637408
			717 HALF LEAGUE ST	PORT LAVACA	28.614171	-96.637408
		GOODYEAR TIRE & RUBBER	1307 N VIRGINIA ST	PORT LAVACA	28.624245	-96.634552
		GREEN LAKE PLANT	13050 STATE HIGHWAY 185 N	PORT LAVACA	28.6146	-96.6341
			13050 STATE HIGHWAY 185 N	PORT LAVACA	28.6146	-96.6341
		GREENLAKE STOP & SHOP	HWY 35 S & 185 INTERSE	PORT LAVACA		
			HWY 35 S & 185 INTERSE	PORT LAVACA		
		GTESW-PORT LAVACA WAREHO	934 N HWY 35 BYPASS	PORT LAVACA		
		HAROLD BOWERS FARM	ST HWY 1289	PORT LAVACA	28.6146	-96.6341
		HAYES ELECTRIC SERVICE	814 W MAIN ST	PORT LAVACA	28.611141	-96.63163
		HEB 434	101 CALHOUN PLZ	PORT LAVACA	28.621	-96.641

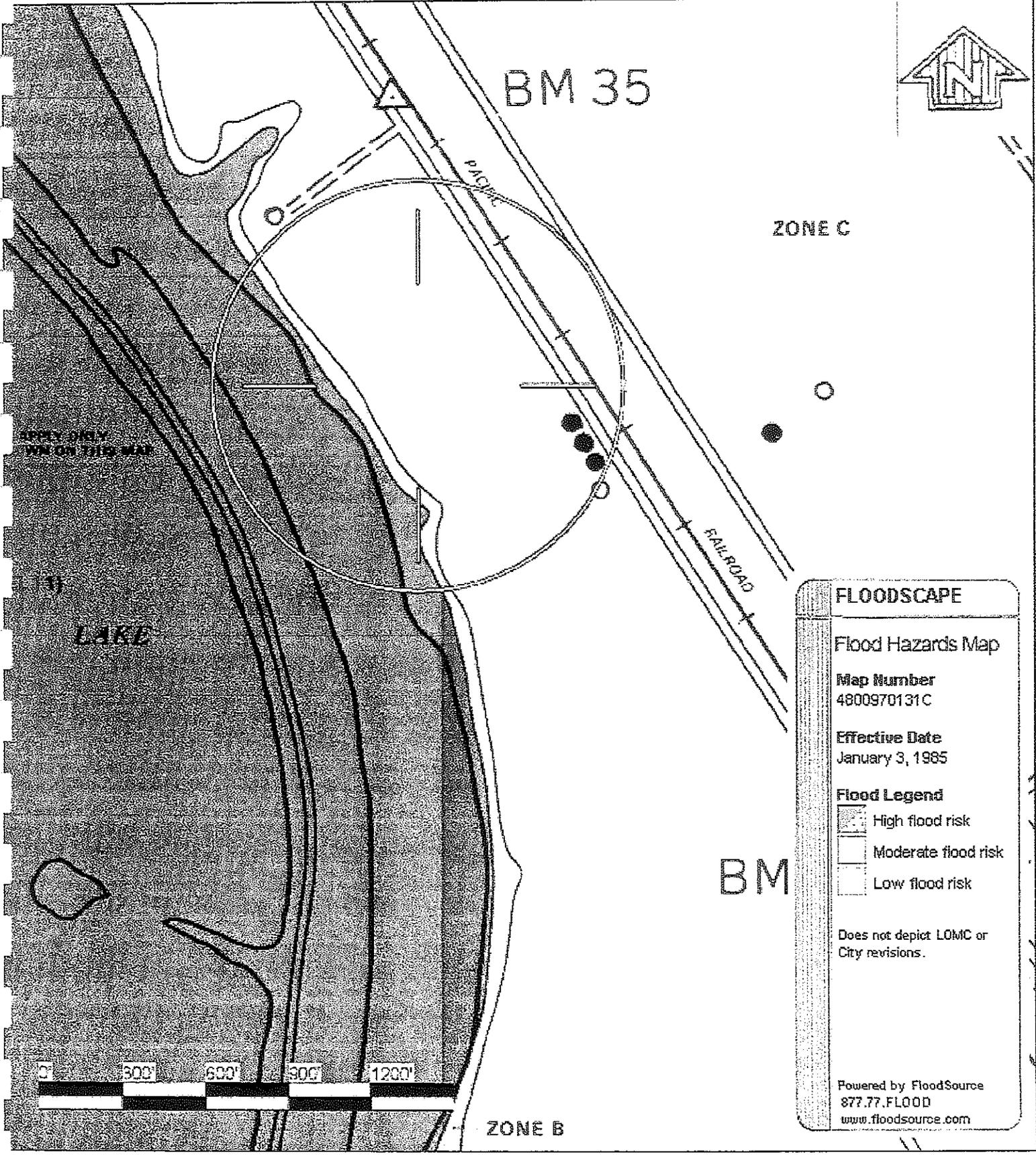


FACZIP	DATABASE	SITENAME	ADD	CITY	LATITUDE	LONGITUDE	
77979	TXUST	SPEEDY STOP 12	2207 STATE HIGHWAY 35 N	PORT LAVACA	28.6305	-96.6224	
		SPEEDY STOP 9	1800 STATE HIGHWAY 35 S	PORT LAVACA	28.6097	-96.6741	
			1800 STATE HIGHWAY 35 S	PORT LAVACA	28.6097	-96.6741	
			1800 STATE HIGHWAY 35 S	PORT LAVACA	28.6097	-96.6741	
			STATION 806	1234 ROSENBAUM RD	PORT LAVACA	28.6778	-96.6905
				1234 ROSENBAUM RD	PORT LAVACA	28.6778	-96.6905
			STOP & GO 2	1104 N VIRGINIA ST	PORT LAVACA	28.623009	-96.633299
				1104 N VIRGINIA ST	PORT LAVACA	28.623009	-96.633299
				1104 N VIRGINIA ST	PORT LAVACA	28.623009	-96.633299
			TABORS EXXON	1808 W MAIN	PORT LAVACA	28.609601	-96.640679
				1808 W MAIN	PORT LAVACA	28.609601	-96.640679
				1808 W MAIN	PORT LAVACA	28.609601	-96.640679
				1808 W MAIN	PORT LAVACA	28.609601	-96.640679
			TANNER AIRPORT	HIGHWAY 238	PORT LAVACA	28.612433	-96.624034
				HIGHWAY 238	PORT LAVACA	28.612433	-96.624034
			TERRY BUNCH MOTOR INC	908 W MAIN	PORT LAVACA	28.6107	-96.6323
			THE STORE	1713 N VIRGINIA ST	PORT LAVACA	28.629065	-96.638793
				1713 N VIRGINIA ST	PORT LAVACA	28.629065	-96.638793
				1713 N VIRGINIA ST	PORT LAVACA	28.629065	-96.638793
			TIMES MARKET 101 7060	630 N VIRGINIA	PORT LAVACA	28.619332	-96.630116
				630 N VIRGINIA	PORT LAVACA	28.619332	-96.630116
			TIMES MARKET 102 7061	107 SEADRIFT ST	PORT LAVACA	28.609607	-96.633951
				107 SEADRIFT ST	PORT LAVACA	28.609607	-96.633951
			TIMES MARKET 103	1749 W AUSTIN ST	PORT LAVACA	28.602439	-96.635314
				1749 W AUSTIN ST	PORT LAVACA	28.602439	-96.635314
				1749 W AUSTIN ST	PORT LAVACA	28.602439	-96.635314
			TIMES MARKET 105 7063	312 TRAVIS ST	PORT LAVACA	28.631831	-96.631661
				312 TRAVIS ST	PORT LAVACA	28.631831	-96.631661
				312 TRAVIS ST	PORT LAVACA	28.631831	-96.631661
			TRANSPORTATION DEPARTMENT	1001 SEADRIFT ST	PORT LAVACA	28.6003	-96.6264
				1001 SEADRIFT ST	PORT LAVACA	28.6003	-96.6264
			TRI WHOLESALE CO	HWY 35 & PORTER RD	PORT LAVACA		
			TXDOT PORT LAVACA	2275 STATE HIGHWAY 35 N	PORT LAVACA	28.6305	-96.6224
				2275 STATE HIGHWAY 35 N	PORT LAVACA	28.6305	-96.6224
				2275 STATE HIGHWAY 35 N	PORT LAVACA	28.6305	-96.6224
				2275 STATE HIGHWAY 35 N	PORT LAVACA	28.6305	-96.6224
				2275 STATE HIGHWAY 35 N	PORT LAVACA	28.6305	-96.6224
				2275 STATE HIGHWAY 35 N	PORT LAVACA	28.6305	-96.6224
			VIKING MOBIL	148 STATE HIGHWAY 35 N	PORT LAVACA	28.6305	-96.6224
				148 STATE HIGHWAY 35 N	PORT LAVACA	28.6305	-96.6224
				148 STATE HIGHWAY 35 N	PORT LAVACA	28.6305	-96.6224
			WAL-MART STORE 1098	713 STATE HIGHWAY 35 S	PORT LAVACA	28.6097	-96.6741
		713 STATE HIGHWAY 35 S	PORT LAVACA	28.6097	-96.6741		
	WAL-MART SUPERCENTER 1098	400 TINEY BROWNING BLVD	PORT LAVACA				
	WASTE MANAGEMENT OF SOUT	319 BONORDEN ST	PORT LAVACA	28.611313	-96.636774		
	WEAVERS 1	1108 BROADWAY	PORT LAVACA	28.626385	-96.624351		
		1108 BROADWAY	PORT LAVACA	28.626385	-96.624351		
		1108 BROADWAY	PORT LAVACA	28.626385	-96.624351		
	WEAVERS 2	1107 W AUSTIN ST	PORT LAVACA	28.607371	-96.630913		
		1107 W AUSTIN ST	PORT LAVACA	28.607371	-96.630913		
		1107 W AUSTIN ST	PORT LAVACA	28.607371	-96.630913		
	WEAVERS GROCERY	1326 BROADWAY	PORT LAVACA	28.627916	-96.623675		
		1326 BROADWAY	PORT LAVACA	28.627916	-96.623675		
77979-	ERNS	BP CHEMICALS	HIGHWAY 185	PORT LAVACA			
		UNION CARBIDE	5 MILES NW, E OF CITY, HIGHWAY 1	SEADRIFT			
779790000	TXSPILL	GROVER BAKER	POST OFFICE BOX 186, HWY 185	PORT LAVACA			
779790186		UNION CARBIDE CORP	SMITH HARBOR/PORT LAVACA	PORT LAVACA			
		UNION CARBIDE CORP.	UNION CARBIDE CORP SEADRIFT P	PORT LAVACA			
		UNION CARBIDE CORP.	UNION CARBIDE CORP. SEADRIFT T	PORT LAVACA			
77979-065	ERNS	BP CHEMICALS	LOCATION CARBIDE CORP. SEADRI	PORT LAVACA			
		BP CHEMICALS	PO Box 659	Port Lavaca	28.6146	-96.6341	
		BP CHEMICALS	PO Box 659	Port Lavaca	28.6146	-96.6341	
	TXSPILL	BP CHEMICALS DOCK, BARGE SLIP,	PT LAVACA				
77979-237	TXUST	ANTHONY'S TEXACO	909 STATE HIGHWAY 35 N	PORT LAVACA	28.6305	-96.6224	
			909 STATE HIGHWAY 35 N	PORT LAVACA	28.6305	-96.6224	
			909 STATE HIGHWAY 35 N	PORT LAVACA	28.6305	-96.6224	
			909 STATE HIGHWAY 35 N	PORT LAVACA	28.6305	-96.6224	
			909 STATE HIGHWAY 35 N	PORT LAVACA	28.6305	-96.6224	
			909 STATE HIGHWAY 35 N	PORT LAVACA	28.6305	-96.6224	
			909 STATE HIGHWAY 35 N	PORT LAVACA	28.6305	-96.6224	
			909 STATE HIGHWAY 35 N	PORT LAVACA	28.6305	-96.6224	
77979-271	TXSPILL	Broadway Fish Market	912 Broadway St	Port Lavaca	28.6231	-96.6259	
			912 Broadway St	Port Lavaca	28.6231	-96.6259	
			912 Broadway St	Port Lavaca	28.6231	-96.6259	
			912 Broadway St # 77979	Port Lavaca	28.6231	-96.6259	
77979-271	ERNS		1209 Broadway St	Port Lavaca	28.627124	-96.62413	

FACZIP	DATABASE	SITENAME	ADD	CITY	LATITUDE	LONGITUDE
779793-04	TXSPILL	STANDARD OIL CHEMICAL COMP	PLANT SITE	PORT LAVACA		
77979-340	ERNS		225 N Virginia St	Port Lavaca	28.615877	-96.627152
77979-343	TXSPILL	REXCO INC	101 N Commerce St	Port Lavaca	28.616346	-96.623984
			101 N Commerce St	Port Lavaca	28.616346	-96.623984
77979-350		B.P Chemicals , Inc	Hwy 185, 6.5 mi So. of Bloomington	Port Lavaca		
			Hwy 185, 6.5 mi So. of Bloomington	Port Lavaca		
			Hwy 185, 6.5 mi So. of Bloomington	Port Lavaca		
		BP Amoco	Platform A, Matagorda Island	Port Lavaca		
			Platform A, Matagorda Island	Port Lavaca		
		BP Chemicals, Inc.	AN unit, BP Chemicals, Hwy 185, 16 mi	Port Lavaca		
			AN unit, BP Chemicals, Hwy 185, 16 mi	Port Lavaca		
			AN unit, BP Chemicals, Hwy 185, 16 mi	Port Lavaca		
			AOGI boiler, BP Chemicals, Hwy 185, 1	Port Lavaca		
			AOGI boiler, BP Chemicals, Hwy 185, 1	Port Lavaca		
			AOGI boiler, BP Chemicals, Hwy 185, 1	Port Lavaca		
			BP Chemical	Port Lavaca		
			BP Chemical	Port Lavaca		
			BP Chemical	Port Lavaca		
			Platform C, OCSG 3088, Matagorda Isl	Port Lavaca		
			T-1 ammonia gas storage tank, BP Che	Port Lavaca		
			T-1 ammonia gas storage tank, BP Che	Port Lavaca		
			T-1 ammonia gas storage tank, BP Che	Port Lavaca		
		BP Chemicals-Green Lake	Texas Highway 185, Barge Dock, Port	Port Lavaca		
			Texas Highway 185, Barge Dock, Port	Port Lavaca		
			Texas Highway 185, Barge Dock, Port	Port Lavaca		
		BPAmoco	offshore, Matagorda Island blk 622, OS	Port Lavaca		
			offshore, Matagorda Island blk 622, OS	Port Lavaca		
			offshore, Matagorda Island blk 622, OS	Port Lavaca		
77979-399		Hayes Elec	814 W Main St	Port Lavaca	28.611141	-96.63163
77979-432		CITY OF PORT LAVACA	516 S Guadalupe St	Port Lavaca	28.612616	-96.621604
77979-440	TXVCP	Nautical Landings Marina	106 Commerce Street	Port Lavaca	28.3705	-96.373
77979-582	TXSPILL	Mrs. Anita Carmichael	15 Milam St	Port Lavaca	28.6146	-96.6341
			15 Milam St	Port Lavaca	28.6146	-96.6341
77979-586	ERNS	FORMOSA PLASTIC COMPANY	58 Millers Point Rd	Port Lavaca	28.6146	-96.6341
77979-999			General Delivery	Port Lavaca	28.6146	-96.6341
			General Delivery	Port Lavaca	28.6146	-96.6341
		BP CHEMICAL	General Delivery	Port Lavaca	28.6146	-96.6341
	TXSPILL	UNION CARBIDE	General Delivery	Port Lavaca	28.6146	-96.6341

**Appendix E:**

**Additional Documentation**



**FLOODSCAPE**  
 Flood Hazards Map  
 Map Number  
 4800970131C  
 Effective Date  
 January 3, 1985  
**Flood Legend**  
  
 High flood risk  
 Moderate flood risk  
 Low flood risk  
 Does not depict LOMC or  
 City revisions.  
 Powered by FloodSource  
 877.77.FLOOD  
 www.floodsource.com

# Flood Information

## Legend



**SPECIAL FLOOD HAZARD AREAS INUNDATED  
BY 100-YEAR FLOOD**

- ZONE A** No base flood elevations determined.
- ZONE AE** Base flood elevations determined.
- ZONE AH** Flood depths of 1 to 3 feet (usually areas of ponding); base flood elevation determined.
- ZONE AO** Flood depths of 1 to 3 feet (usually sheet flow on sloping terrain); average depths determined. For areas of alluvial fan flooding velocities also determined.
- ZONE A99** To be protected from 100-year flood by Federal flood protection system under construction; no base flood elevations determined.
- ZONE V** Coastal flood with velocity hazard (wave action); no base flood elevations determined.
- ZONE VE** Coastal flood with velocity hazard (wave action); base flood elevations determined.
- ZONE AR** Zone AR is the flood insurance rate zone used to depict areas protected from flood hazards by flood control structures, such as a levee, that are being restored. FEMA will consider using the Zone AR designation for a community if the flood protection system has been deemed restorable by a Federal agency in consultation with a local project sponsor; a minimum level of flood protection system is scheduled to begin within a designated time period and in accordance with a progress plan negotiated between the community and FEMA. Mandatory purchase requirements for flood insurance will apply in Zone AR, but the rate will not exceed the rate of unnumbered A zones if the structure is built in cofloodplain management regulations. For floodplain management in Zone AR areas, elevation is not required for improvements to existing structures. However, for new construction, the structure must be elevated (or floodproofed for non-residential structures) such that the lowest floor, including basement, is the maximum of 3 feet above the highest adjacent existing grade if the depth of the base flood elevation (BFE) does not exceed 5 feet at the proposed development site. For infill sites, rehabilitation of the existing structures, regardless of the depth of the BFE at the project site, the AR designation will be removed and the restored flood control system shown as providing protection from the 1% annual chance of flooding on the the NFIP map upon completion of the restoration project and submittal of all necessary data to FEMA.



**FLOODWAY AREAS IN ZONE AE**



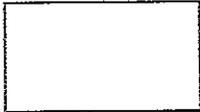
**OTHER FLOOD AREAS**

- ZONE X** Areas of 500-year flood; areas of 100-year flood with average depths of less than one

foot or width drainage areas less than one square mile and areas protected by levees from 100-year flood.

**ZONE B**

Zone B is the flood insurance rate zone that corresponds to areas outside the 100-year floodplains, areas of 100-year sheet flow flooding where average depths are less than one foot, areas of 100-year stream flooding where the contributing drainage area is less than one square mile, or areas protected from the 100-year flood by a levee are shown within this zone.



**OTHER AREAS**

**ZONE X**

Areas determined to be 500-year floodplain.

**ZONE D**

Areas in which flood hazards are undetermined.

**ZONE C**

Zone C is the flood insurance rate zone that corresponds to areas outside of the 100-year floodplain, areas of 100-year sheet flow flooding where average depths are less than one foot, areas of 100-year stream flooding where the contributing drainage area is less than one square mile, or areas protected from a 100-year flood by a levee are shown within this zone.



**ZONE A**

**ZONE A**

Zone A is the flood insurance rate zone that corresponds to the 100-year floodplains that are determined by the Flood Insurance Study (FIS) by approximate methods. Because detailed hydraulic analyses are not performed for such areas, no BFEs or depths are shown within this zone. Mandatory flood insurance requirement apply.