



PHASE I ENVIRONMENTAL SITE ASSESSMENT

**Approximately 1033.78 Acres
Parker Survey Plat 582.15 Acres & 451.63 Acres
865 Heyland Road
Sea Drift, Texas 77983**

**Prepared for:
Guadalupe Delta Bay Resort, LLC
Attn: Ms. Barbara R. Barron
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March 2012

CRG Project Number 12-026

Guadalupe Delta Bay Resort, LLC
Attn: Allen Paksima
1860 FM 359 Road
Richmond, TX 77406

Re: Phase I Environmental Site Assessment,
Approximately 1034 Acre Property
Seadrift, Texas

CRG Texas, LLC is pleased to submit our report describing the findings of the Phase I Environmental Site Assessment (ESA) of approximately 1034 acres of property located at 865 Heyland Road, Seadrift, TX 77983. This assessment was prepared in general accordance with the American Society of Testing and Materials (ASTM) Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process (ASTM Designation: E1527-05).

The purpose of the Phase I ESA was to identify, to the extent feasible, recognized environmental concerns in connection with the property. This assessment included a site reconnaissance as well as research and interviews with representatives of the public, property management, and regulatory agencies.

If you have any questions or require further clarification of the report findings, please contact the undersigned at your convenience. Thank you for the opportunity to be of service to the Guadalupe Delta Bay Resort, LLC

Yours very truly,



CRG Texas, LLC

Kevin C. Casler,
Environmental Professional

TABLE OF CONTENTS

1.0	SUMMARY	5
2.0	INTRODUCTION.....	7
2.1	Purpose	7
2.2	Scope of Services	7
2.3	Significant Assumptions.....	7
2.4	Limitations and Exceptions	7
2.5	Special Terms and Conditions	8
2.6	User Reliance	8
3.0	SITE DESCRIPTION	10
3.1	Location and Legal Description	10
3.2	Site and Vicinity General Characteristics	10
3.3	Current Use(s) of the Property	10
3.4	Structures, Roads, Other Improvements on the Site	10
3.5	Current Uses of Adjoining Properties.....	11
4.0	USER PROVIDED INFORMATION	12
4.1	Title Records.....	12
4.2	Environmental Liens or Activity and Use Limitations	12
4.3	Specialized Knowledge	12
4.4	Commonly Known or Reasonably Ascertainable Information	12
4.5	Valuation Reduction for Environmental Issues.....	12
4.6	Owner, Property Manager and Occupant Information.....	12
4.7	Reason for Performing Phase I ESA	13
4.8	Other	13
5.0	RECORDS REVIEW.....	14
5.1	Standard Environmental Records.....	14
5.1.1	Federal Environmental Records	14
5.1.2	State Environmental Records	14
5.2	Additional Environmental Record Sources.....	14
5.3	Physical Setting Source(s).....	14
5.4	Historical Use Information on the Property.....	15
5.5	Historical Use Information on Adjoining Properties	15
6.0	SITE RECONNAISSANCE.....	18
6.1	Methodology and Limiting Conditions	18
6.2	General Site Setting.....	18
6.2.1	Current Use(s) of the Property.....	18
6.2.2	Past Use(s) of the Property	18
6.2.3	Current Use(s) of Adjoining Properties.....	18
6.2.4	Past Use(s) of Adjoining Properties	18
6.2.5	Current or Past Uses in the Surrounding Area.....	18
6.2.6	Geologic, Hydrogeologic, Hydrologic, and Topographic Conditions	18
6.2.7	General Description of Structures	19
6.2.8	Roads	20
6.2.9	Potable Water Supply	20
6.2.10	Sewage Disposal System	20
6.3	Interior and Exterior Observations.....	20
6.3.1	Hazardous Substances and Petroleum Products in Connection with Identified Uses	

20	
6.3.2	Storage Tanks 20
6.3.3	Odors 20
6.3.4	Pools of Liquid 21
6.3.5	Drums 21
6.3.6	Hazardous Substances and Petroleum Products Containers 21
6.3.7	Unidentified Substance Containers 21
6.3.8	PCBs 21
6.3.9	Heating/Cooling 21
6.3.10	Stains or Corrosion 21
6.3.11	Drains and Sumps 21
6.4	Exterior Observations 21
6.4.1	Pits, Ponds, or Lagoons 21
6.4.2	Stained Soil or Pavement 21
6.4.3	Stressed Vegetation 21
6.4.4	Solid Waste 21
6.4.5	Waste Water 21
6.4.6	Wells 22
6.4.7	Septic Systems 22
7.0	INTERVIEWS 23
7.1	Interviews with Past and Present Owners and Occupants 23
7.2	Interviews with State and/or Local Government Officials 23
8.0	FINDINGS 24
9.0	OPINION 25
10.0	CONCLUSIONS 26
11.0	DEVIATIONS 27
12.0	ADDITIONAL SERVICES 28
13.0	REFERENCES 29
14.0	SIGNATURES OF ENVIRONMENTAL PROFESSIONALS 30
15.0	QUALIFICATIONS OF ENVIRONMENTAL PROFESSIONALS 31

LIST OF APPENDICES

APPENDIX 1 VICINITY MAP	A-1
APPENDIX 2 SITE MAP (No Scale)	A-2
APPENDIX 3 SITE PHOTOGRAPHS	A-3
APPENDIX 4 INTERVIEW INFORMATION	A-4
APPENDIX 5 REGULATORY RECORDS DOCUMENTATION	A-5
APPENDIX 6 HISTORICAL INFORMATION	A-6
APPENDIX 7 ADDITIONAL REFERENCES	A-7
APPENDIX 8 QUALIFICATIONS	A-8

1.0 SUMMARY

Allen Paksima of the Guadalupe Delta Bay Resort, LLC (the User of this report) engaged CRG Texas, LLC (CRG) to conduct a Phase I Environmental Site Assessment (ESA) of approximately 1034 acres of property located at 865 Heyland Road, Seadrift, TX 77983 subsequently referred to in this report as "the property" or "the site". This assessment was prepared in general accordance with the American Society of Testing and Materials (ASTM) Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process (ASTM Designation: E1527-05). The purpose of the Phase I ESA was to identify, to the extent feasible, recognized environmental conditions (RECs) in connection with the property. This assessment included a site reconnaissance as well as research and attempted interviews with representatives of the public, property management, and regulatory agencies.

The location and area descriptions of the subject property illustrating the boundaries of the site were provided to CRG and are included with this report as an attachment in **Appendix 7**. According to the survey maps provided to CRG, the property is situated on two parcels of land and consists of 582.15 acres and 451.63 (total of 1033.78 acres) of land used for agricultural purposes (cattle grazing). One single family residence, one barn, and one storage building were identified during the site walkthrough. Roads leading throughout the site were unpaved and provided limited access throughout the entire area of the site. No oil and gas wells or pipelines were identified at the site. No underground or aboveground petroleum or hazardous chemical storage tanks were identified at the site.

Previous assessments for the site were provided for reference for this assessment as follows:

- Phase I Environmental Property Assessment for a 900 Acre Development for a New Subdivision North of Seadrift, Texas- Summarizes assessment activities and soil sample analytical results dated April 2005,
- Phase I Environmental Property Assessment for 582.15 Acre Development on the Parker Property North of Seadrift, Texas- Summarizes assessment activities and soil sample analytical results dated July 2005
- Environmental Services Proposal, Parker Property, Seadrift, Texas- Proposal for \$8,000 to remove and dispose of drum and liquid waste, burn debris, & other miscellaneous waste disposal services, and P&A a hand dug water well dated March 27, 2008

The general area is used primarily for agricultural purposes (cattle grazing).

Known or Suspect Recognized Environmental Conditions:

- No locatable or unlocatable Federal regulatory agency database sites were identified within the ASTM search radius for the target property.
- No locatable or unlocatable State regulatory agency database sites were identified within the ASTM search radius for the target property.

- No locatable or unlocatable Tribal regulatory agency database sites were identified within the ASTM search radius for the target property.

Historical Recognized Environmental Conditions:

Based on two previous reports prepared by TSI (April and June 2005), several areas of concern were identified and TSI recommended (TSI Proposal 2008) that such areas should be demolished and/or cleaned according to TCEQ specifications. TSI retrieved and analyzed soil samples around these areas; the TPH and RCRA metals analyses results were all below the regulatory limits. We consider these areas historic RECs with low threat to the subject property.

Opinions on impact of recognized environmental conditions - Our opinion on impact of RECs is that RECs listed above and associated with the property are not likely to have a negative impact on the subject property.

Rationale for Opinion- Our rationale is based upon the compliance status with the regulatory limits of the chemicals of concern.

Data gaps- No City Directories or Sanborn Fire Insurance Maps were readily ascertainable for this property. CRG made attempts to contact the past and present owners of the property. CRG contacted the seller and buyer representatives in an effort to meet the interview requirements of the ASTM standard and was not permitted to contact the past or present owners of the property.

The data gaps identified above do not present data failure that would impact our ability to identify recognized environmental conditions in connection with the site with the exception of information from the past or present owners that would be helpful in determining if petroleum or hazardous materials were present at the property.

No deviations were identified during the performance of this assessment. No additional services were requested or performed for this assessment.

We have performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E1527 of the property. Any exceptions to, or deletions from, this practice are described in Section 11 of this report.

We conclude that the RECs listed on this report are not likely to have a negative impact on the subject property.

We recommend no further investigation at this time.

2.0 INTRODUCTION

Allen Paksima of the Guadalupe Delta Bay Resort, LLC (the User of this report) engaged CRG Texas, LLC (CRG) to conduct a Phase I Environmental Site Assessment (ESA) of approximately 1034 acres of property located at 865 Heyland Road, Seadrift, TX 77983 subsequently referred to in this report as "the property" or "the site". This assessment was prepared in general accordance with the American Society of Testing and Materials (ASTM) Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process (ASTM Designation: E1527-05). The purpose of the Phase I ESA was to identify, to the extent feasible, recognized environmental conditions (RECs) in connection with the property. This assessment included a site reconnaissance as well as research and interviews with representatives of the public, property management, and regulatory agencies.

2.1 Purpose

The purpose of the Phase I ESA was to identify, to the extent feasible, recognized environmental concerns in connection with the property. This assessment included a site reconnaissance as well as research and attempted interviews with representatives of the public, property management, and regulatory agencies.

2.2 Scope of Services

The scope of work for this assessment was in general accordance with the American Society of Testing and Materials (ASTM) Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process (ASTM Designation: E1527-05). These methodologies are described as representing good commercial and customary practice for conducting an ESA of a property for the purpose of identifying recognized environmental conditions.

2.3 Significant Assumptions

While this report provides an overview of potential environmental concerns, both past and present, the environmental assessment is limited by the availability of information at the time of the assessment. It is possible that unreported disposal of waste or illegal activities impairing the environmental status of the property may have occurred which could not be identified. The conclusions and recommendations regarding environmental conditions that are presented in this report are based on a scope of work authorised by the Client. Note, however, that virtually no scope of work, no matter how exhaustive, can identify all contaminants or all conditions above and below ground.

2.4 Limitations and Exceptions

The report has been prepared in accordance with generally accepted environmental methodologies referred to in ASTM 1527-05, and contains all of the limitations inherent in these methodologies. No other warranties, expressed or implied, are made as to the professional services provided under the terms of our contract and included in this report.

The conclusions of this report are based in part, on the information provided by others. The possibility remains that unexpected environmental conditions may be encountered at the site in locations not specifically investigated. Should such an event occur, CRG must be notified in order that we may determine if modifications to our conclusions are necessary.

The services performed and outlined in this report were based, in part, upon visual observations of the site and attendant structures. Our opinion cannot be extended to portions of the site that were unavailable for direct observation, reasonably beyond the control of CRG. The information presented in this report, including opinions and conclusions drawn from the information gathered to compile this report, is not legal advice.

CRG's maximum liability for damages under any circumstances is the cost of this report paid to CRG from the client. The objective of this report was to assess environmental conditions at the site, within the context of our contract and existing environmental regulations within the applicable jurisdiction. Evaluating compliance of past or future owners with applicable local, provincial and federal government laws and regulations was not included in our contract for services.

Our observations relating to the condition of environmental media at the site are described in this report. It should be noted that compounds or materials other than those described could be present in the site environment.

2.5 Special Terms and Conditions

Under no circumstances does CRG accept responsibility for conditions at the Site, whether those conditions are identified in this report or not, to the extent that CRG neither caused nor contributed to the conditions.

CRG uses various and generally reliable sources (vendors) of information (e.g. publications, suppliers, personal interviews, internet sites, etc.) to meet ASTM standards in the formulation of our conclusions. CRG makes no representation or warranty regarding the accuracy, reliability, quality, suitability, or completeness of this information. Information obtained through interviews with persons familiar with the Site is based on the best of their knowledge and should not be construed as complete or accurate.

Additionally, there are conditions that may affect CRG's ability to assess the Site. These include, but are not limited to, vendor-supplied information, limited/denied access, exact Site boundaries, dense vegetation, equipment/materials and paved surfaces covering potential environmental concerns (e.g., soil staining, underground storage tank (UST) fill ports and piping, pits, land filled materials, etc.) and weather conditions. If additional pertinent information is discovered following submission of this report or if environmental concerns are later identified due to changes at the Site (e.g., construction and/or excavation activities), additional evaluation may be required. It should not be concluded or assumed that an inquiry was not an AAI because the inquiry did not identify recognized environmental conditions in connection with a property. Environmental Site Assessments must be evaluated based on the reasonableness of judgments made at the time and under the circumstances in which they were made. Subsequent ESA's should not be considered a valid standard to judge the adequacy of a prior ESA.

2.6 User Reliance

This report may be distributed and relied upon by Allen Paksima of the Guadalupe Delta Bay resort, LLC, its successors, and assigns. Reliance on the information and conclusions in this report by any other person or entity is not authorized without the written consent of CRG Texas, LLC. This Phase I ESA report has been prepared for the exclusive use and

reliance of Allen Paksima of the Guadalupe Delta Bay resort, LLC. The dissemination of this report or portions thereof to third parties without the written consent of CRG, and Allen Paksima of the Guadalupe Delta Bay resort, LLC is prohibited. This report is copyrighted information. Reliance on the information presented in this report by a third party is prohibited. CRG assumes no liability and takes no responsibility for the interpretation of the information presented in this report, or for any actions taken or not taken as a result of such interpretation, by the any third party. This ESA is valid for 180 days from the date of the inspection. Reliance may be extended, in writing and possibly for an additional fee, to a third party within one year of the date of the inspection if approved by CRG based upon the site and surrounding property conditions at the time the request for extension is made to CRG.

3.0 SITE DESCRIPTION

3.1 Location and Legal Description

The subject property is located at 865 Heyland Road, Seadrift, TX 77983 and consists two parcels of land of approximately 451.63 acres and 582.15 (total of 1033.78 acres) and is irregular in shape. The legal description was obtained from a previous report prepared for Mr. Roonie Moore of Sabine Investment Company in April 2005. The legal description of both parcels of land is as follows:

1. The north tract can be legally described as a 451.63 acre survey in the Miguel Castillo Survey, Abstract No.7 in Calhoun County, TX being the same property described as Tract 1, Tract 2, and Tract 3 in special warranty deed dated July 24, 2000 from Elizabeth Marie Hardy to G.P. Hardy, ill recorded in Volume 258, Page 834 of the official records of Calhoun County, TX.
2. The south tract can be legally described as a 515.22 acre survey in the Miguel Castillo Survey, Abstract No.7 in Calhoun County, TX being the same property described as Tract 1 and Tract 2 in warranty deed with vendor's lien dated December 29, 2003 from Danny Dierlam to David Shelton, et ux, recorded in Volume 357, Page 736 of the official records of Calhoun County, TX. The site location is further defined by the maps included in the appendix of this report.

The legal description of the subject property was obtained from a previous report prepared for Mr. Roonie Moore of Sabine Investment Company in April 2005 and is provided with this report as an attachment on **Appendix 6**.

3.2 Site and Vicinity General Characteristics

The general area is used primarily for agricultural purposes (cattle grazing and farmland). The **Figure 1 Vicinity Map** is presented in **Appendix 1**.

3.3 Current Use(s) of the Property

Current use of the target property at 865 Heyland Road, Seadrift, TX 77983 is used for agricultural purposes (cattle grazing).

3.4 Structures, Roads, Other Improvements on the Site

The property consists of two parcels of land, the north and the south tracts. There is a drainage ditch that runs through the width of the property from Highway 185 to the barge canal along the south property boundary. Highway 185 borders both tracts on the east and the barge canal, which is adjacent to the Guadalupe Bay, borders both tracts on the west side. There is a gravel road that runs along the north side of the drainage ditch. There are smaller gravel roads that run off the main gravel road across the property. An additional Gravel road (Heyland Road) enters the property from the north into the north tract and ends south of the main ranch house and into barge canal. The main ranch house (3,630 SF Aprox.) is to the left of the road and is two stories wooden house and in good condition. In front of the main house, across the road, there is a wooden barn (5,320 SF Aprox.) with cattle enclosures and an above ground water tank with a pump. North of the main house there is a small wooden shed with water well pump. Further north there is a large metallic barn (2,752 SF Aprox.) used to store equipment and vehicles. Beyond the metallic barn to the north there is an old concrete slab for an old building. Along the south property

boundary north of the drainage ditch there is a gravel road; at about 0.6 miles from the barge canal along the gravel road there is a small wooden house and a water well pump. No oil or gasoline Aboveground Storage Tanks (ASTs) were identified during the site visit and no signs of stressed vegetation was observed other than normal drought related stress. No oil or gas wells were identified either. A more detailed site description can be found in two previous reports prepared by TSI for Sabine Investment Company in April and for G & W Engineers, INC. June of 2005. A copy of the report is included in the electronic deliverable for this assessment and on file for future reference.

3.5 Current Uses of Adjoining Properties

The current adjoining property uses are:

North:	Agricultural
South:	Agricultural
East:	185, and beyond 185 Agricultural
West:	Barge canal, marsh land

The **Figure 1 Vicinity Map** and **Figure 2 Site Map** showing the location and general orientation of the site and adjoining properties are presented in **Appendix 2**, and **site photographs** are presented in **Appendix 3**.

4.0 USER PROVIDED INFORMATION

An ESA User Questionnaire and Disclosure Statement were completed by Barbara Barron, representing the User of the report.

4.1 Title Records

User Titles Answer: User stated that no tax or other liens are filed against the property title.

4.2 Environmental Liens or Activity and Use Limitations

User LLP Environmental Lien Answer: User stated that no environmental cleanup liens are filed against the property. User LLP AULs: The User stated that he is not aware of any access or use limitations for the property.

4.3 Specialized Knowledge

User LLP Specialized Knowledge: User stated that he has specialized knowledge of the property.

4.4 Commonly Known or Reasonably Ascertainable Information

A User Questionnaire and Disclosure Statement was completed by Barbara Barron representing the User of this report. The answers provided by the User indicate no RECs are known by him in connection with the property.

User LLP Specific Chemicals: User stated that he has specialized knowledge related to the property or nearby properties.

User LLP Spills Other Releases: User stated that he has no specialized knowledge and is unaware of spills or releases related to the property or nearby properties.

User LLP Environmental Cleanups or liens: User stated that he has no specialized knowledge and is unaware of environmental cleanups or liens related to the property or nearby properties.

User LLP Common Knowledge: The User stated that he has no commonly known or reasonably ascertainable information and is unaware of information pertaining to the conditions indicative of releases or threatened release at the property or adjoining properties.

User Engineering Controls, Access and Use Limitations (AULs): The User stated that he has no common knowledge and is unaware pertaining to engineering controls or AULs filed in connection with the property.

4.5 Valuation Reduction for Environmental Issues

User LLP Valuation Reduction: User stated that the purchase price being paid for this property reasonably reflects the fair market value of the property.

4.6 Owner, Property Manager and Occupant Information

The property owner information was not provided to CRG for this assessment.

4.7 Reason for Performing Phase I ESA

The User stated that the reason for performing the Phase I ESA was for due diligence.

4.8 Other

5.0 RECORDS REVIEW

The purpose of the records review was to obtain and review records that will help identify recognized environmental concerns in connection with the property.

Some records reviewed pertain not only to the property, but also to properties within an additional approximate minimum search distance in order to help assess the likelihood of problems from migrating hazardous substances or petroleum products. Unless stated otherwise the approximate minimum search distances used below were as specified in the ASTM Standard 1527-05.

5.1 Standard Environmental Records

A search of available federal and state environmental records was obtained from GeoSearch of Austin, Texas. A copy of this search (GeoSearch Report) is provided in **Appendix 5**. Due to discrepancies in the location of some facilities in the databases arising from incorrect or incomplete addresses some facilities may be listed as un-mappable.

A review of the regulatory information from this database search for possible recognized environmental conditions (RECs) within the ASTM approximate minimum search distance is provided in the Federal and State sections below.

5.1.1 Federal Environmental Records

none

5.1.2 State Environmental Records

none

5.2 Additional Environmental Record Sources

Tribal Environmental Records – No Tribal regulatory database sites were identified in the GeoSearch report for the site.

Seadrift Volunteer Fire Department - No records of fires, spills, or emergency response were received by CRG Texas, LLC before the due date of this report.

Railroad Commission of Texas (RRC) - Identified one (1) underground natural gas pipeline along the east property boundary. The RRC also identified twelve (12) oil/gas wells identified as dry holes or plugged dispersed across the target property.

Water Wells: one drinking water well near the main house and one irrigation well on the southwest portion of the property were observed during the site visit. Two more water wells are known to exist on the property but were not observed during the site visit. The TDLR Water Well Report Submission and Retrieval data base was searched for any information about the wells but no records were found for any of the wells inside the property.

5.3 Physical Setting Source(s)

The site setting is in a rural area 1.81 miles northwest from downtown Seadrift, TX. The topography of the property and surrounding area is relatively flat, although surface contours indicate surface topography sloping gently to the southwest towards the

Guadalupe Bay. Historical Aerial Photos were provided by GeoSearch of Austin, Texas and the Topographic map was obtained from MSR maps website and are included in Appendix 5.

5.4 Historical Use Information on the Property

The objective of consulting historical sources is to develop a history of the previous uses of the property in order to help identify the likelihood of past uses having led to recognized environmental conditions in connection with the property. Historical use formation describing the subject property was obtained from a variety of sources as discussed below. This information is summarized in the table below.

Period/Date	Land Use	Source(s) of Information
1950s	Agricultural/oil and gas	TelAll Aerial Photograph and TSI Report June 2005
1960s	Agricultural	GeoSearch Aerial Photograph Report # 17084 and TSI Report June 2005
1970s	Agricultural	GeoSearch Aerial Photograph Report # 17084 and TSI Report June 2005
1990s	Agricultural	GeoSearch Aerial Photograph Report # 17084 and TSI Report June 2005
2004	Agricultural	GeoSearch Aerial Photograph Report # 17084 and TSI Report June 2005
2010	Agricultural	GeoSearch Aerial Photograph Report # 17084 and TSI Report June 2005

Based on Two previous reports by TSI (April and June 2005) the property has been used for agricultural purposes with some oil/gas exploitation in the south tract during the early 1950s. The use of the general area has been and still remains mainly agricultural. Based on the RRC maps and database review all wells present at the property at some point time are either plugged or dry holes.

5.5 Historical Use Information on Adjoining Properties

The objective of consulting historical sources is to develop a history of the previous uses of the surrounding properties in order to help identify the likelihood of past uses having led to recognized environmental conditions in connection with the property. The historical uses of adjoining properties to the subject property are summarized below. These uses were determined using the standard historical sources noted above.

North Historical Land Use

Period/Date	Land Use	Source(s) of Information
1950s	Agricultural	TelAll Aerial Photograph and TSI Report June 2005
1960s	Agricultural	GeoSearch Aerial Photograph Report # 17084
1970s	Agricultural	GeoSearch Aerial Photograph Report # 17084
1990s	Agricultural	GeoSearch Aerial Photograph Report # 17084
2004	Agricultural	GeoSearch Aerial Photograph Report # 17084
2010	Agricultural	GeoSearch Aerial Photograph Report # 17084

South Historical Land Use

Period/Date	Land Use	Source(s) of Information
1950s	Agricultural	TelAll Aerial Photograph and TSI Report June 2005
1960s	Agricultural	GeoSearch Aerial Photograph Report # 17084
1970s	Agricultural	GeoSearch Aerial Photograph Report # 17084
1990s	Agricultural	GeoSearch Aerial Photograph Report # 17084
2004	Agricultural	GeoSearch Aerial Photograph Report # 17084
2010	Agricultural	GeoSearch Aerial Photograph Report # 17084

East Historical Land Use

Period/Date	Land Use	Source(s) of Information
1950s	Agricultural	TelAll Aerial Photograph and TSI Report June 2005
1960s	Agricultural	GeoSearch Aerial Photograph Report # 17084
1970s	Agricultural	GeoSearch Aerial Photograph Report # 17084
1990s	Agricultural	GeoSearch Aerial Photograph Report # 17084
2004	Agricultural	GeoSearch Aerial Photograph Report # 17084
2010	Agricultural	GeoSearch Aerial Photograph Report # 17084

West Historical Land Use

Period/Date	Land Use	Source(s) of Information
1950s	Barge canal/ Marsh Land	TelAll Aerial Photograph and TSI Report June 2005
1960s	Barge canal/ Marsh Land	GeoSearch Aerial Photograph Report # 17084
1970s	Barge canal/ Marsh Land	GeoSearch Aerial Photograph Report # 17084
1990s	Barge canal/ Marsh Land	GeoSearch Aerial Photograph Report # 17084
2004	Barge canal/ Marsh Land	GeoSearch Aerial Photograph Report # 17084
2010	Barge canal/ Marsh Land	GeoSearch Aerial Photograph Report # 17084

The site and surrounding area historical land use has been primarily agricultural. 185 and 238 have been present east of the property since at least the 1950s as well as the gravel roads inside the property.

City Directories (CDs)

CDs were not readily ascertainable for the subject site and therefore were not reviewed as part of this assessment.

Sanborn Fire Insurance Map Review

Sanborn Fire Insurance Maps were not readily ascertainable for the subject site and therefore were not reviewed as part of this assessment.

Historical Recognized Environmental Conditions (HRECs)

Based on two previous reports prepared by TSI (April and June 2005), several areas of concern were identified and TSI recommended (TSI Proposal 2008) that such areas should

be demolished and/or cleaned according to TCEQ specifications. TSI retrieved and analyzed soil samples around these areas; the TPH and RCRA metals analyses results were all below the regulatory limits, although CRG was not provided information regarding the proper removal and disposal of the items identified in the 2008 proposal to dispose of these wastes and plug an onsite water well. None of these concern areas were identified during our site visit and no signs of stressed vegetation were observed.

We consider these areas historic RECs with low threat to the subject property. CRG attempted several times to obtain the owner's contact information from Mr. Allen Paksima of the Guadalupe Delta Bay Resort, LLC (the User of this report) but CRG's requests were denied and therefore it was not possible for CRG to corroborate whether or not the wastes identified previously at the property were disposed of properly, and therefore we identify this as a data gap. This data gap does not inhibit our ability to determine the presence or absence of Historical RECs.

6.0 SITE RECONNAISSANCE

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

6.1 Methodology and Limiting Conditions

The subject property was inspected by Kevin C. Casler on March 14, 2012. The Property was visually inspected and photographed. The weather during the inspection was sunny and warm. During the inspection a walkthrough was performed. The exterior of adjoining properties was visually evaluated for any recognized environmental conditions (RECs). Dense vegetation, locked access ways, parked vehicles may have been present limiting the ability to visibly inspect portions of the site at the time of the site visit.

6.2 General Site Setting

6.2.1 Current Use(s) of the Property

The current use of the property is for agricultural purposes, cattle pastures.

6.2.2 Past Use(s) of the Property

The past use of the property was for agricultural purposes, cattle pastures.

6.2.3 Current Use(s) of Adjoining Properties

The current uses of the adjoining properties are:

North:	Agricultural
South:	Agricultural
East:	185 and beyond 185 agricultural
West:	Barge canal/ marsh land

No recognized environmental concerns (RECs) were identified on the adjoining properties.

6.2.4 Past Use(s) of Adjoining Properties

The past uses of the adjoining properties are:

North:	Agricultural
South:	Agricultural
East:	185 and beyond 185 agricultural
West:	Barge canal/ marsh land

6.2.5 Current or Past Uses in the Surrounding Area

The Appraisal district information for the property was not readily available and therefore the zone category for the area could not be determined. The general area of the property is used for agriculture.

6.2.6 Geologic, Hydrogeologic, Hydrologic, and Topographic Conditions

Surface topography slopes gently to the south-southeast away from the property toward the Gulf of Mexico. The site is situated in FEMA flood zone C: An area that is determined to be outside the 100 and 500 year floodplains.

The surface geology in the area is identified by the United States Department of Agriculture as the following Major Components:

Calhoun County, Texas (TX057)			
Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
Dc	Dacosta-Contee complex, 0 to 1 percent slopes	163.0	15.6%
Ed	Edna very fine sandy loam	348.7	33.4%
La	Laewest clay, 0 to 1 percent slopes	179.5	17.2%
Lc	Laewest clay, 3 to 8 percent slopes, eroded	21.4	2.1%
Mb	Dacosta clay loam, 0 to 1 percent slopes	49.0	4.7%
Mc	Dacosta clay loam, low	47.3	4.5%
Md	Contee-Dacosta complex	31.9	3.1%
Pc	Placedo clay	0.3	0.0%
Te	Telferner very fine sandy loam	77.8	7.4%
Ve	Veston soils	96.4	9.2%
W	Water	30.2	2.9%
Totals for Area of Interest		1,045.4	100.0%

Detailed description of each component can be found on **Appendix 5**.

According to the Texas Water Development Board GIS Mapping and Web service, the major aquifer groundwater in the area is listed as the Gulf Coast Aquifer as is reproduced as follows: The Gulf Coast aquifer forms a wide belt along the Gulf of Mexico from Florida to Mexico. In Texas, the aquifer provides water to all or parts of 54 counties and extends from the Rio Grande northeastward to the Louisiana-Texas border. Municipal and irrigation uses account for 90 percent of the total pumpage from the aquifer. The Greater Houston metropolitan area is the largest municipal user, where well yields average about 1,600 gal/min. The aquifer consists of complex interbedded clays, silts, sands, and gravels of Cenozoic age, which are hydrologically connected to form a large, leaky artesian aquifer system. This system comprises four major components consisting of the following generally recognized water-producing formations. The deepest is the Catahoula, which contains ground water near the outcrop in relatively restricted sand layers. Above the Catahoula is the Jasper aquifer, primarily contained within the Oakville Sandstone. The Burkeville confining layer separates the Jasper from the overlying Evangeline aquifer, which is contained within the Fleming and Goliad sands. The Chicot aquifer, or upper component of the Gulf Coast aquifer system, consists of the Lissie, Willis, Bentley, Montgomery, and Beaumont formations, and overlying alluvial deposits.

According to the USGS Calhoun Quadrangle Map for the site and surrounding area, the topography slopes gently to the West-southwest towards Guadalupe Bay.

6.2.7 General Description of Structures

The property consists of two parcels of land, the north and the south tracts. There is a drainage ditch that runs through the width of the property from Highway 185 to the barge canal along the south property boundary. Highway 185 borders both tracts on the east and

the barge canal, which is adjacent to the Guadalupe Bay, borders both tracts on the west side. There is a gravel road that runs along the north side of the drainage ditch. There are smaller gravel roads that run off the main gravel road across the property. An additional Gravel road (Heyland Road) enters the property from the north into the north tract and ends south of the main ranch house and into barge canal. The main ranch house (3,630 SF Aprox.) is to the left of the road and is two stories wooden house and in good condition. In front of the main house, across the road, there is a wooden barn (5,320 SF Aprox.) with cattle enclosures and an above ground water tank with a pump. North of the main house there is a small wooden shed with water well pump. Further north there is a large metallic barn (2,752 SF Aprox.) used to store equipment and vehicles. Beyond the metallic barn to the north there is an old concrete slab for an old building. Along the south property boundary north of the drainage ditch towards there is a gravel road; at about 0.6 miles from the barge canal along the gravel road there is a small wooden house and a water well pump. No oil or gasoline Aboveground Storage Tanks (ASTs) were identified during the site visit and no signs of stressed vegetation was observed other than normal drought related stress. No oil or gas wells were identified either. A more detailed site description can be found in two previous reports prepared by TSI for Sabine Investment Company in April and for G & W Engineers, INC. June of 2005.

6.2.8 Roads

Roads: FM 185 bounds the property to the east. There are two main gravel roads at the property, one coming from the north and into the property (Heyland Road) and one along the south property boundary coming from FM 185 and going towards the Barge canal. Other auxiliary gravel roads exist throughout the property.

6.2.9 Potable Water Supply

Potable Water Supply – Private well

6.2.10 Sewage Disposal System

On-site Septic System

6.3 Interior and Exterior Observations

6.3.1 Hazardous Substances and Petroleum Products in Connection with Identified Uses

Hazardous Material Use - none

Hazardous Material Use Quantities - none

Hazardous Material Use Storage - none

Past Hazardous Material Use - none

6.3.2 Storage Tanks

Aboveground Storage Tanks – One water AST was observed in front of the main house

Underground Storage Tanks – none observed

6.3.3 Odors

Odors – none detected

6.3.4 Pools of Liquid

Pools of Liquid – none
Liquids with Sheen - none

6.3.5 Drums

Drums - none

6.3.6 Hazardous Substances and Petroleum Products Containers

Hazardous Materials Containers – none

6.3.7 Unidentified Substance Containers

Unidentified Containers – none

6.3.8 PCBs

No PCB containing equipment was observed at the property during the site reconnaissance. Interior Observations

6.3.9 Heating/Cooling

Building Heating Building Cooling – Central

6.3.10 Stains or Corrosion

Stains and Corrosion – none observed

6.3.11 Drains and Sumps

Drains and Sumps – none observed

6.4 Exterior Observations

6.4.1 Pits, Ponds, or Lagoons

Pits, ponds, lagoons – none observed

Pits, ponds, lagoons on Adjoining Properties – none observed

6.4.2 Stained Soil or Pavement

Stained Soil Areas – none observed

Stained Pavement Areas – normal surface staining at parking areas

6.4.3 Stressed Vegetation

Stressed Vegetation – none observed

6.4.4 Solid Waste

Disturbed Soil Areas – none observed

6.4.5 Waste Water

Wastewater – Septic system and sump/pit

6.4.6 Wells

Wells – private drinking water well

6.4.7 Septic Systems

Septic Systems – present at the property

7.0 INTERVIEWS

The purpose of interview is to obtain information indicating recognized environmental conditions in connection with the property. Copies of the interview documentation can be found in **Appendix 6**.

7.1 Interviews with Past and Present Owners and Occupants

A User Questionnaire was completed by Allen Paksima of the Guadalupe Delta Bay Resort, LLC (User of this report) and was returned in time for completion of this report.

7.2 Interviews with State and/or Local Government Officials

Date	Name	Title	Organization
03/27/2012	Peter Deforce	Fire Chief	City of Seadrift

The City of Seadrift Volunteer Fire Department Chief, Peter Deforce, was contacted to obtain the records of fires, spills and emergency responses at the property. No records were received before the submittal of this report.

8.0 FINDINGS

Known or Suspect Recognized Environmental Conditions:

None

Historical Recognized Environmental Conditions: Based on two previous reports prepared by TSI (April and June 2005), several areas of concern were identified and TSI recommended (TSI Proposal 2008) that such areas should be demolished and/or cleaned according to TCEQ specifications. TSI retrieved and analyzed soil samples around these areas; the TPH and RCRA metals analyses results were all below the regulatory limits. We consider these areas historic RECs with low threat to the subject property.

9.0 OPINION

Opinions on impact of RECs- Our opinion on impact of RECs is that RECs listed above and associated with the property are not likely to have a negative impact on the subject property due to compliance status with the regulatory limits of the chemicals of concern.

10.0 CONCLUSIONS

We have performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E1527 of the property.

We conclude that the RECs identified in connection with the property are not likely to have a negative impact on the subject property.

Based on our investigation of the site in accordance with the ASTM Standard E 1527-05, no further investigation is warranted at this time.

11.0 DEVIATIONS

Deviations- none.

12.0 ADDITIONAL SERVICES

Additional Services- none.

13.0 REFERENCES

The following documents, maps, or other publications may have been used in the preparation of this report.

- American Society for Testing and Materials Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process (ASTM E1527-05).
- American Society for Testing and Materials Guide for Environmental Site Assessments: Transaction Screen Process (ASTM E1528).
- Comprehensive Environmental Response, Compensation, and Liability Act of 1980 ("CERCLA" or "Superfund"), as amended by Superfund Amendments and Reauthorization Act of 1986 ("SARA") and Small Business Liability Relief and Brownfields Revitalization Act of 2002 ("Brownfield Amendments"), 42 U.S.C. §§9601, et. seq.
- Federal Emergency Management Agency, National Flood Insurance Program, Flood Insurance Maps FEMA Map Service Center
- United States Department of Agriculture, Soil Conservation Service, Web Soil Survey for the listed address at: <http://websoilsurvey.nrcs.usda.gov/app/WebSoilSurvey.aspx> .
- United States Geological Survey, Waelder Quadrangle Topographic Map, Microsoft Research Maps
- Geo Search Aerial Photographs
- Geo Search Radius Report
- User Questionnaire and Disclosure Statement completed by Barbara R. Barron of Guadalup Delta Bay Resorts, LLC (User Representative)
- Owner Questionnaire and Disclosure Statement completed by David Jenkins, Vice President Cal-Maine Foods (Site Owner Representative)
- Gulf Coast Aquifer of Texas, TWDB website: http://www.twdb.state.tx.us/gam/glfc_c/glfc_c.asp
- County Map, Texas Association of Counties, <http://www.county.org/cip/Products/CountyMap.pdf>
- Railroad Commission of Texas Oil and Gas Well and Pipeline Search Data
- TCEQ Petroleum Storage Tank Registration and Leaking PST Database queries

14.0 SIGNATURES OF ENVIRONMENTAL PROFESSIONALS

We declare that, to the best of our professional knowledge and belief, we meet the definition of Environmental Professional as defined in §312.10 of 40 CFR 312. We have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. We have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

Prepared by:



Kevin C. Casler
Environmental Professional,

CRG TEXAS, LLC

15.0 QUALIFICATIONS OF ENVIRONMENTAL PROFESSIONALS

The qualifications of the environmental professional(s) and personnel conducting the site reconnaissance and interviews (if conducted by someone other than an environmental professional) are provided in Appendix 8.

APPENDIX 1 VICINITY MAP



Figure 1 - Vicinity Map

Drawing Not To Scale

Site Name: Guadalupe Delta Bay resort

Location: 865 Heyland Road

City, State: Seadrift, TX 77983

Project Number: CRG 12-026



CRG Texas, LLC
ENVIRONMENTAL SERVICES



APPENDIX 2 SITE MAP (No Scale)



Figure 2 - Site Map

Drawing Not To Scale

Site Name: Guadalupe Delta Bay resort

Location: 865 Heyland Road

City, State: Seadrift, TX 77983

Project Number: CRG 12-026



CRG Texas, LLC
ENVIRONMENTAL SERVICES



APPENDIX 3 SITE PHOTOGRAPHS



No. 1 View facing west of west adjoining property.



No. 2 View facing southwest of the entrance to the property.



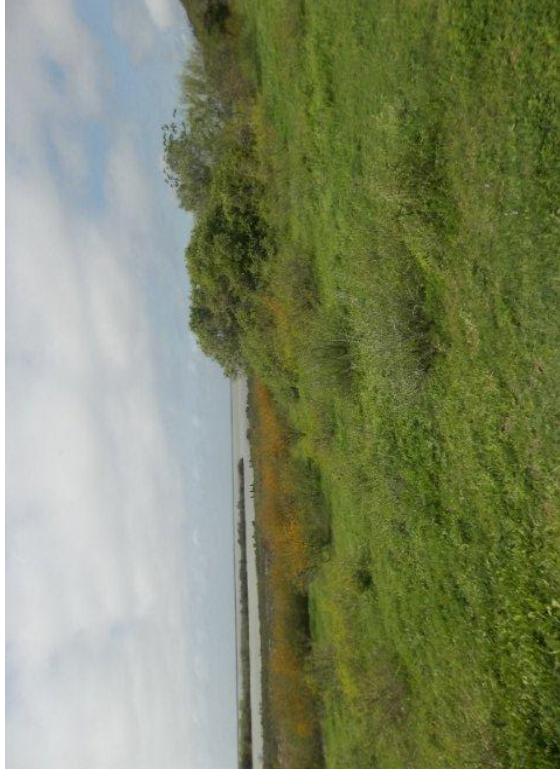
No. 3 View of a single residential home at the property.



No. 4 View facing south of a barn at the southwest portion of the property.



No. 5 View of the marsh and wetland areas.



No. 6 View facing south of marsh and wetland areas.



No. 7 View facing west of marsh and wetland areas at the south end of the site.



No. 8 View facing north west of marsh and wetland areas connected to drainage canal at the southeast portion of the site.



No. 9 View of livestock and irrigation water well and cistern near the livestock pens.



No. 10 View of a water well and abandoned bunk house.



No. 11 View facing north west of a drainage swale along the northeast portion of the site along Highway 185.



No. 12 View facing south east of a drainage swale along the southeast portion of the site along Highway 185.



No. 13 View of a barn located at the southwest portion of the site.



No. 14 View of the west adjoining agricultural property.

APPENDIX 4 INTERVIEW INFORMATION

A-4



Assessor is to complete the Record of Communication to document interview in person, by telephone, or other form of communication conducted with Owners, Operators, Occupants, Regulatory Officials, or relevant information provider. Additional RECORD OF COMMUNICATION entries may be added to this form as needed, with “END OF RECORD OF COMMUNICATION” listed at the end of this document.

RECORD OF COMMUNICATION

CRG PROJECT NUMBER: 12-026

INTERVIEWER: Kevin Casler

PERSON CONTACTED:

TELEPHONE NUMBER: Interview on site.

INTERVIEW DATE: 3/14/12

NOTES: CRG interviewed Robbie, site manager. Robbie stated that he was unaware of any recognized environmental conditions related to the property and that he had not seen any gas or oil wells or any contaminated areas on the property. He stated that the property was mainly used for cattle pasture.

RECORD OF COMMUNICATION

CRG PROJECT NUMBER: 12-026

INTERVIEWER: Kevin Casler

PERSON CONTACTED: Peter Deforce (Fire chief of Seadrift Volunteer Fire Department)

TELEPHONE NUMBER: 361-785-2911.

INTERVIEW DATE: 3/27/12

NOTES: CRG contacted Peter Deforce, the fire chief of the Seadrift Volunteer Fire Department, and asked for the records of Fires, Spills and Emergency Responses to the property. CRG did not receive any records before the due date of this report.

RECORD OF COMMUNICATION

CRG PROJECT NUMBER: 12-026

INTERVIEWER: Kevin Casler



PERSON CONTACTED: Allen Paksima (Guadalupe Delta Bay Resort, LLC)

TELEPHONE NUMBER: Interview through e-mail: allenpaksima@gmail.com.

INTERVIEW DATE: 3/12/12

NOTES: CRG contacted Allen Paksima and ask him to please fill and e-mail back the User questionnaire and to please forward the Owner questionnaire to the property owner and/or provide the owner's contact information. Mr. Paksima replied that were not to contact the owner.

END OF RECORD OF COMMUNICATION



Please return completed form and any attachments via fax to:
Fax: 713-481-1861
Telephone: 713-517-7591
Attention: Environmental Assessment Department

ASTM E-1527-05 PHASE I ENVIRONMENTAL SITE ASSESSMENT USER (BUYER or LENDER) QUESTIONNAIRE AND DISCLOSURE STATEMENT

User: In order to qualify for one of the *Landowner Liability Protections (LLPs)* offered by the Small Business Liability Relief and Brownfields Revitalization Act of 2001 (the "*Brownfields Amendments*"), the User (*Lender, Buyer, etc.*) of this assessment must provide the following information (if available) to the *environmental professional*. Failure to provide this information could result in a determination that "*all appropriate inquiry*" is not complete.

1. PROPERTY INFORMATION:

Property Name: SEADRIFT TRACT		
Property Address: 865 HEYLAND ROAD		
City SEADRIFT	State TX	Zip 77983
Assessor's Parcel Number:		

2. COMPLETED BY

Signature <i>Barbara R. Barron</i>	Date 03/26/2012
Printed Name B. R. BARRON	Title MANAGER

3. ASTM-REQUIRED INQUIRIES

Property Owner: Name: N/A Phone: N/A Fax: N/A	
Key Site Manager (Site contact): Name: N/A Phone: N/A Fax: N/A	
1) Environmental cleanup liens that are filed or recorded against the site (40 CFR 312.25). Are you aware of any environmental cleanup liens against the <i>property</i> that are filed or recorded under federal, tribal, state or local law?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
2) Activity and land use limitations that are in place on the site or that have been filed or recorded in a registry (40 CFR 312.26). Are you aware of any AULs, such as <i>engineering controls</i> , land use restrictions or <i>institutional controls</i> that are in place at the site and/or have been filed or recorded in a registry under federal, tribal, state or local law?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
3) Specialized knowledge or experience of the person seeking to qualify for the LLP (40 CFR 312.28). As the <i>user</i> of this <i>ESA</i> do you have any specialized knowledge or experience related to the <i>property</i> or nearby properties? For example, are you involved in the same line of business as the current or former <i>occupants</i> of the <i>property</i> or an adjoining <i>property</i> so that you would have specialized knowledge of the	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No



chemicals and processes used by this type of business?	
4) Relationship of the purchase price to the fair market value of the <i>property</i> if it were not contaminated (40 CFR 312.29). A. Does the purchase price being paid for this <i>property</i> reasonably reflect the fair market value of the <i>property</i> ? B. If you conclude that there is a difference, have you considered whether the lower purchase price is because contamination is known or believed to be present at the <i>property</i> ?	A. <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No B. <input type="checkbox"/> Yes <input type="checkbox"/> No
5) Commonly known or <i>reasonably ascertainable</i> information about the <i>property</i> (40 CFR 312.30). Are you aware of commonly known or <i>reasonably ascertainable</i> information about the <i>property</i> that would help the <i>environmental professional</i> to identify conditions indicative of releases or threatened releases? For example, as <i>user</i> , (a.) Do you know the past uses of the <i>property</i> ? (b.) Do you know of specific chemicals that are present or once were present at the <i>property</i> ? (c.) Do you know of spills or other chemical releases that have taken place at the <i>property</i> ? (d.) Do you know of any environmental cleanups that have taken place at the <i>property</i> ?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
6) The degree of obviousness of the presence of likely presence of contamination at the <i>property</i>, and the ability to detect the contamination by appropriate investigation (40 CFR 312.31). As the <i>user</i> of this <i>ESA</i> , based on your knowledge and experience related to the <i>property</i> are there any <i>obvious</i> indicators that point to the presence or likely presence of contamination at the <i>property</i> ?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Please provide an explanation of all affirmative answers or attached additional documentation.	
7) Please state reason for procuring this Phase 1 <i>ESA</i> : <input type="checkbox"/> Qualify for Innocent Landowner defense to CERCLA Liability. <input checked="" type="checkbox"/> Other: (state below) Due Diligence.	

In addition, certain information should be collected, if available, and provided to the *environmental professional*. This information is intended to assist the *environmental professional* but is not necessarily required to qualify for one of the *LLPs*. The information includes:

- (a) the reason why the Phase I is required,
- (b) the type of *property* and type of *property* transaction, for example, sale, purchase, exchange, etc.,
- (c) the complete and correct address for the *property* (a map or other documentation showing *property* location and boundaries is helpful),
- (d) the scope of services desired for the Phase I (including whether any parties to the *property* transaction may have a required standard scope of services on whether any considerations beyond the requirements of Practice E 1527 are to be considered),
- (e) identification of all parties who will rely on the Phase I *report*,
- (f) identification of the site contact and how the contact can be reached,
- (g) any special terms and conditions which must be agreed upon by the *environmental professional*, and
- (h) any other knowledge or experience with the *property* that may be pertinent to the *environmental professional* (for example, copies of any available prior *environmental site assessment reports*, documents, correspondence, etc., concerning the *property* and its environmental condition).

Please return completed form and any attachments via fax to: Fax: 713-481-1861
CRG TEXAS Attention: Kevin Casler
Telephone: 713-517-7591

APPENDIX 5 REGULATORY RECORDS DOCUMENTATION



Radius Report

<http://www.geo-search.net/QuickMap/index.htm?DataID=Standard0000040010>

Click on link above to access the map and satellite view of current property

Target Property:

***Guadalupe Delta Bay Resort, LLC
SEADRIFT, CALHOUN County, Texas 77983***

Prepared For:

CRG Texas

Order #: 17084

Job #: 40010

Date: 03/20/2012

TARGET PROPERTY SUMMARY

Guadalupe Delta Bay Resort, LLC
SEADRIFT, CALHOUN County, Texas 77983

USGS Quadrangle: **Austwell, TX**

Target Property Geometry: **Area**

Target Property Longitude(s)/Latitude(s):

**(-96.750627, 28.424442), (-96.728666, 28.438665), (-96.739218, 28.453160), (-96.751398, 28.445317),
(-96.755674, 28.443993), (-96.755101, 28.442375), (-96.757177, 28.441766), (-96.753471, 28.439130),
(-96.751703, 28.436634), (-96.750631, 28.432862), (-96.750709, 28.426267), (-96.750627, 28.424442)**

County/Parish Covered:

Calhoun (TX), Refugio (TX)

Zipcode(s) Covered:

Port Lavaca TX: 77979

Seadrift TX: 77983

Tivoli TX: 77990

State(s) Covered:

TX

***Target property is located in Radon Zone 3.**

**Zone 3 areas have a predicted average indoor radon screening level less than 2 pCi/L
(picocuries per liter).**

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DATABASE FINDINGS SUMMARY

DATABASE	ACRONYM	LOCA- TABLE	UNLOCA- TABLE	SEARCH RADIUS (miles)
<u>FEDERAL</u>				
AEROMETRIC INFORMATION RETRIEVAL SYSTEM / AIR FACILITY SUBSYSTEM	AIRSAFS	0	0	Target Property
BIENNIAL REPORTING SYSTEM	BRS	0	0	Target Property
CLANDESTINE DRUG LABORATORY LOCATIONS	CDL	0	0	Target Property
EPA DOCKET DATA	DOCKETS	0	0	Target Property
FEDERAL ENGINEERING INSTITUTIONAL CONTROL SITES	EC	0	0	Target Property
EMERGENCY RESPONSE NOTIFICATION SYSTEM	ERNSTX	0	0	Target Property
FACILITY REGISTRY SYSTEM	FRSTX	0	0	Target Property
HAZARDOUS MATERIALS INCIDENT REPORTING SYSTEM	HMIRSR06	0	0	Target Property
INTEGRATED COMPLIANCE INFORMATION SYSTEM (FORMERLY DOCKETS)	ICIS	0	0	Target Property
INTEGRATED COMPLIANCE INFORMATION SYSTEM NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM	ICISNPDES	0	0	Target Property
MATERIAL LICENSING TRACKING SYSTEM	MLTS	0	0	Target Property
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM	NPDESR06	0	0	Target Property
PCB ACTIVITY DATABASE SYSTEM	PADS	0	0	Target Property
PERMIT COMPLIANCE SYSTEM	PCSR06	0	0	Target Property
RCRA SITES WITH CONTROLS	RCRASC	0	0	Target Property
CERCLIS LIENS	SFLIENS	0	0	Target Property
SECTION SEVEN TRACKING SYSTEM	SSTS	0	0	Target Property
TOXICS RELEASE INVENTORY	TRI	0	0	Target Property
TOXIC SUBSTANCE CONTROL ACT INVENTORY	TSCA	0	0	Target Property
NO LONGER REGULATED RCRA GENERATOR FACILITIES	NLRRCRAG	0	0	Target Property and Adjoining
RESOURCE CONSERVATION & RECOVERY ACT - GENERATOR FACILITIES	RCRAGR06	0	0	Target Property and Adjoining
BROWNFIELDS MANAGEMENT SYSTEM	BF	0	0	0.5000
COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION & LIABILITY INFORMATION SYSTEM	CERCLIS	0	0	0.5000
LAND USE CONTROL INFORMATION SYSTEM	LUCIS	0	0	0.5000



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DATABASE FINDINGS SUMMARY

DATABASE	ACRONYM	LOCA- TABLE	UNLOCA- TABLE	SEARCH RADIUS (miles)
NO FURTHER REMEDIAL ACTION PLANNED SITES	NFRAP	0	0	0.5000
NO LONGER REGULATED RCRA NON-CORRACTS TSD FACILITIES	NLRRCRAT	0	0	0.5000
OPEN DUMP INVENTORY	ODI	0	0	0.5000
RESOURCE CONSERVATION & RECOVERY ACT - TREATMENT, STORAGE & DISPOSAL FACILITIES	RCRAT	0	0	0.5000
DELISTED NATIONAL PRIORITIES LIST	DNPL	0	0	1.0000
DEPARTMENT OF DEFENSE SITES	DOD	0	0	1.0000
FORMERLY USED DEFENSE SITES	FUDS	0	0	1.0000
NO LONGER REGULATED RCRA CORRECTIVE ACTION FACILITIES	NLRRCRAC	0	0	1.0000
NATIONAL PRIORITIES LIST	NPL	0	0	1.0000
PROPOSED NATIONAL PRIORITIES LIST	PNPL	0	0	1.0000
RESOURCE CONSERVATION & RECOVERY ACT - CORRECTIVE ACTION FACILITIES	RCRAC	0	0	1.0000
RECORD OF DECISION SYSTEM	RODS	0	0	1.0000
SUB-TOTAL		0	0	

STATE (TX)

GROUNDWATER CONTAMINATION CASES	GWCC	0	0	Target Property
HISTORIC GROUNDWATER CONTAMINATION CASES	HISTGWCC	0	0	Target Property
TCEQ LIENS	LIENS	0	0	Target Property
MUNICIPAL SETTING DESIGNATIONS	MSD	0	0	Target Property
NOTICE OF VIOLATIONS	NOV	0	0	Target Property
STATE INSTITUTIONAL/ENGINEERING CONTROL SITES	SIEC01	0	0	Target Property
SPILLS LISTING	SPILLS	0	0	Target Property
DRY CLEANER REGISTRATION DATABASE	DCR	0	0	0.2500
INDUSTRIAL AND HAZARDOUS WASTE SITES	IHW	0	1	0.2500
PERMITTED INDUSTRIAL HAZARDOUS WASTE SITES	PIHW	0	0	0.2500
PETROLEUM STORAGE TANKS	PST	0	2	0.2500



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DATABASE FINDINGS SUMMARY

DATABASE	ACRONYM	LOCA- TABLE	UNLOCA- TABLE	SEARCH RADIUS (miles)
AFFECTED PROPERTY ASSESSMENT REPORTS	APAR	0	0	0.5000
BROWNFIELDS SITE ASSESSMENTS	BSA	0	0	0.5000
CLOSED & ABANDONED LANDFILL INVENTORY	CALF	0	0	0.5000
INNOCENT OWNER / OPERATOR DATABASE	IOP	0	0	0.5000
LEAKING PETROLEUM STORAGE TANKS	LPST	0	3	0.5000
MUNICIPAL SOLID WASTE LANDFILL SITES	MSWLF	0	0	0.5000
RAILROAD COMMISSION VCP AND BROWNFIELD SITES	RRCVCP	0	0	0.5000
RADIOACTIVE WASTE SITES	RWS	0	0	0.5000
TIER II CHEMICAL REPORTING PROGRAM FACILITIES	TIERII	0	1	0.5000
VOLUNTARY CLEANUP PROGRAM SITES	VCP	0	0	0.5000
RECYCLING FACILITIES	WMRF	0	0	0.5000
STATE SUPERFUND SITES	SF	0	0	1.0000
SUB-TOTAL		0	7	

TRIBAL

UNDERGROUND STORAGE TANKS ON TRIBAL LANDS	USTR06	0	0	0.2500
LEAKING UNDERGROUND STORAGE TANKS ON TRIBAL LANDS	LUSTR06	0	0	0.5000
OPEN DUMP INVENTORY ON TRIBAL LANDS	ODINDIAN	0	0	0.5000
INDIAN RESERVATIONS	INDIANRES	0	0	1.0000
SUB-TOTAL		0	0	

TOTAL		0	7	
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LOCATABLE DATABASE FINDINGS

ACRONYM	Target Property	SEARCH RADIUS (miles)	1/8 Mile (> TP)	1/4 Mile (> 1/8)	1/2 Mile (> 1/4)	1 Mile (> 1/2)	> 1 Mile	Total
<u>FEDERAL</u>								
AIRSAFS		.0200	0	0	0	0	NS	0
BRS		.0200	0	0	0	0	NS	0
CDL		.0200	0	0	0	0	NS	0
DOCKETS		.0200	0	0	0	0	NS	0
EC		.0200	0	0	0	0	NS	0
ERNSTX		.0200	0	0	0	0	NS	0
FRSTX		.0200	0	0	0	0	NS	0
HMIRSR06		.0200	0	0	0	0	NS	0
ICIS		.0200	0	0	0	0	NS	0
ICISNPDES		.0200	0	0	0	0	NS	0
MLTS		.0200	0	0	0	0	NS	0
NPDES06		.0200	0	0	0	0	NS	0
PADS		.0200	0	0	0	0	NS	0
PCSR06		.0200	0	0	0	0	NS	0
RCRASC		.0200	0	0	0	0	NS	0
SFLIENS		.0200	0	0	0	0	NS	0
SSTS		.0200	0	0	0	0	NS	0
TRI		.0200	0	0	0	0	NS	0
TSCA		.0200	0	0	0	0	NS	0
NLRRCRAG		.1250	0	0	0	0	NS	0
RCRAGR06		.1250	0	0	0	0	NS	0
BF		.5000	0	0	0	0	NS	0
CERCLIS		.5000	0	0	0	0	NS	0
LUCIS		.5000	0	0	0	0	NS	0
NFRAP		.5000	0	0	0	0	NS	0
NLRRCRAT		.5000	0	0	0	0	NS	0
ODI		.5000	0	0	0	0	NS	0



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LOCATABLE DATABASE FINDINGS

ACRONYM	Target Property	SEARCH RADIUS (miles)	1/8 Mile (> TP)	1/4 Mile (> 1/8)	1/2 Mile (> 1/4)	1 Mile (> 1/2)	> 1 Mile	Total
RCRAT		.5000	0	0	0	0	NS	0
DNPL		1.000	0	0	0	0	NS	0
DOD		1.000	0	0	0	0	NS	0
FUDS		1.000	0	0	0	0	NS	0
NLRRCRAC		1.000	0	0	0	0	NS	0
NPL		1.000	0	0	0	0	NS	0
PNPL		1.000	0	0	0	0	NS	0
RCRAC		1.000	0	0	0	0	NS	0
RODS		1.000	0	0	0	0	NS	0
SUB-TOTAL			0	0	0	0	0	0

STATE (TX)

GWCC		.0200	0	0	0	0	NS	0
HISTGWCC		.0200	0	0	0	0	NS	0
LIENS		.0200	0	0	0	0	NS	0
MSD		.0200	0	0	0	0	NS	0
NOV		.0200	0	0	0	0	NS	0
SIEC01		.0200	0	0	0	0	NS	0
SPILLS		.0200	0	0	0	0	NS	0
DCR		.2500	0	0	0	0	NS	0
IHW		.2500	0	0	0	0	NS	0
PIHW		.2500	0	0	0	0	NS	0
PST		.2500	0	0	0	0	NS	0
APAR		.5000	0	0	0	0	NS	0
BSA		.5000	0	0	0	0	NS	0
CALF		.5000	0	0	0	0	NS	0
IOP		.5000	0	0	0	0	NS	0
LPST		.5000	0	0	0	0	NS	0



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LOCATABLE DATABASE FINDINGS

ACRONYM	Target Property	SEARCH RADIUS (miles)	1/8 Mile (> TP)	1/4 Mile (> 1/8)	1/2 Mile (> 1/4)	1 Mile (> 1/2)	> 1 Mile	Total
MSWLF		.5000	0	0	0	0	NS	0
RRCVCP		.5000	0	0	0	0	NS	0
RWS		.5000	0	0	0	0	NS	0
TIERII		.5000	0	0	0	0	NS	0
VCP		.5000	0	0	0	0	NS	0
WMRF		.5000	0	0	0	0	NS	0
SF		1.000	0	0	0	0	NS	0
SUB-TOTAL			0	0	0	0	0	0

TRIBAL

USTR06		.2500	0	0	0	0	NS	0
LUSTR06		.5000	0	0	0	0	NS	0
ODINDIAN		.5000	0	0	0	0	NS	0
INDIANRES		1.000	0	0	0	0	NS	0
SUB-TOTAL			0	0	0	0	0	0

TOTAL	0	0	0	0	0	0	0
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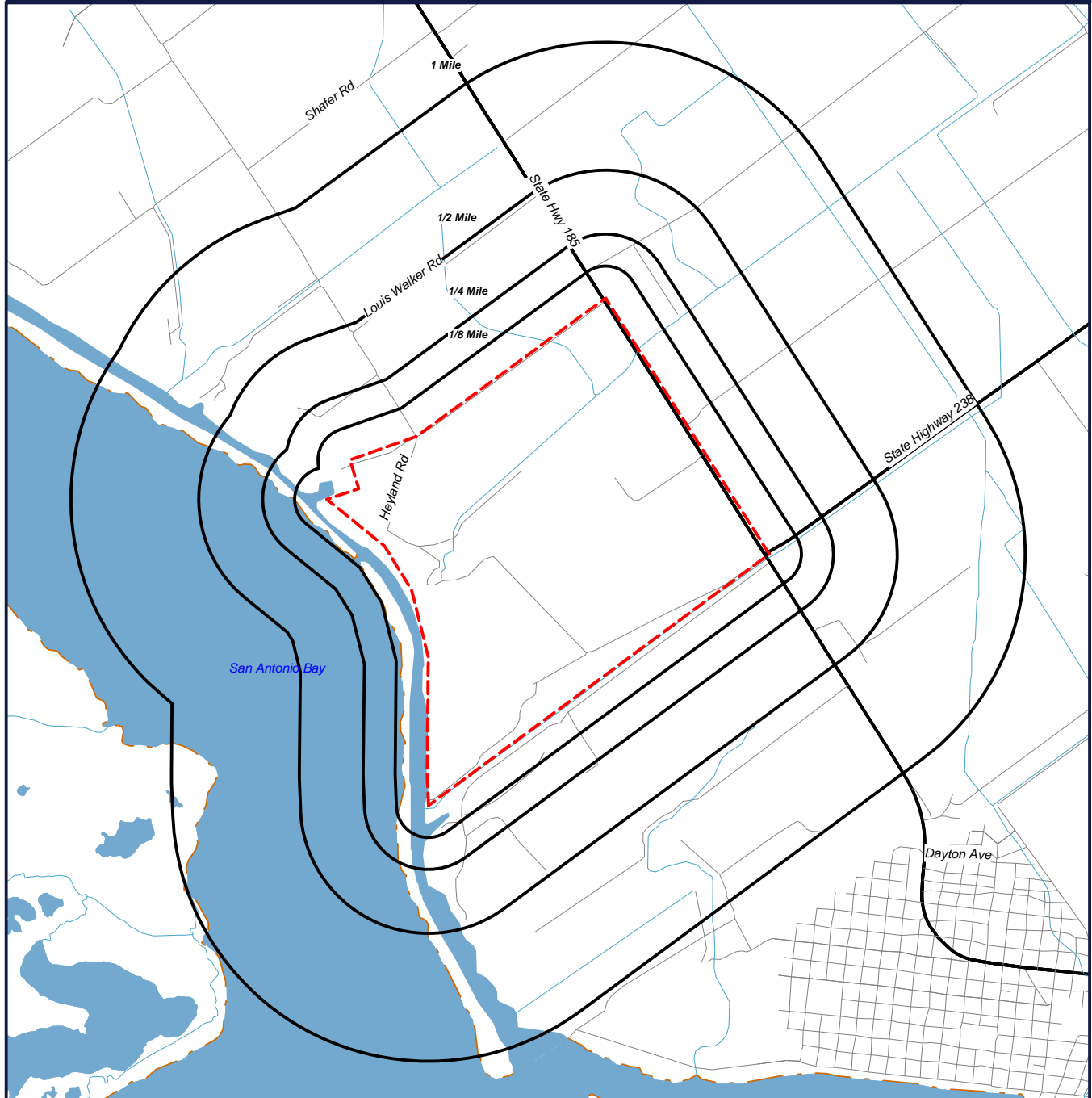
NOTES:


NS = NO SEARCH REQUESTED BY CUSTOMER



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RADIUS MAP



 Target Property (TP)

**Guadalupe Delta Bay Resort,
LLC
SEADRIFT, Texas
77983**

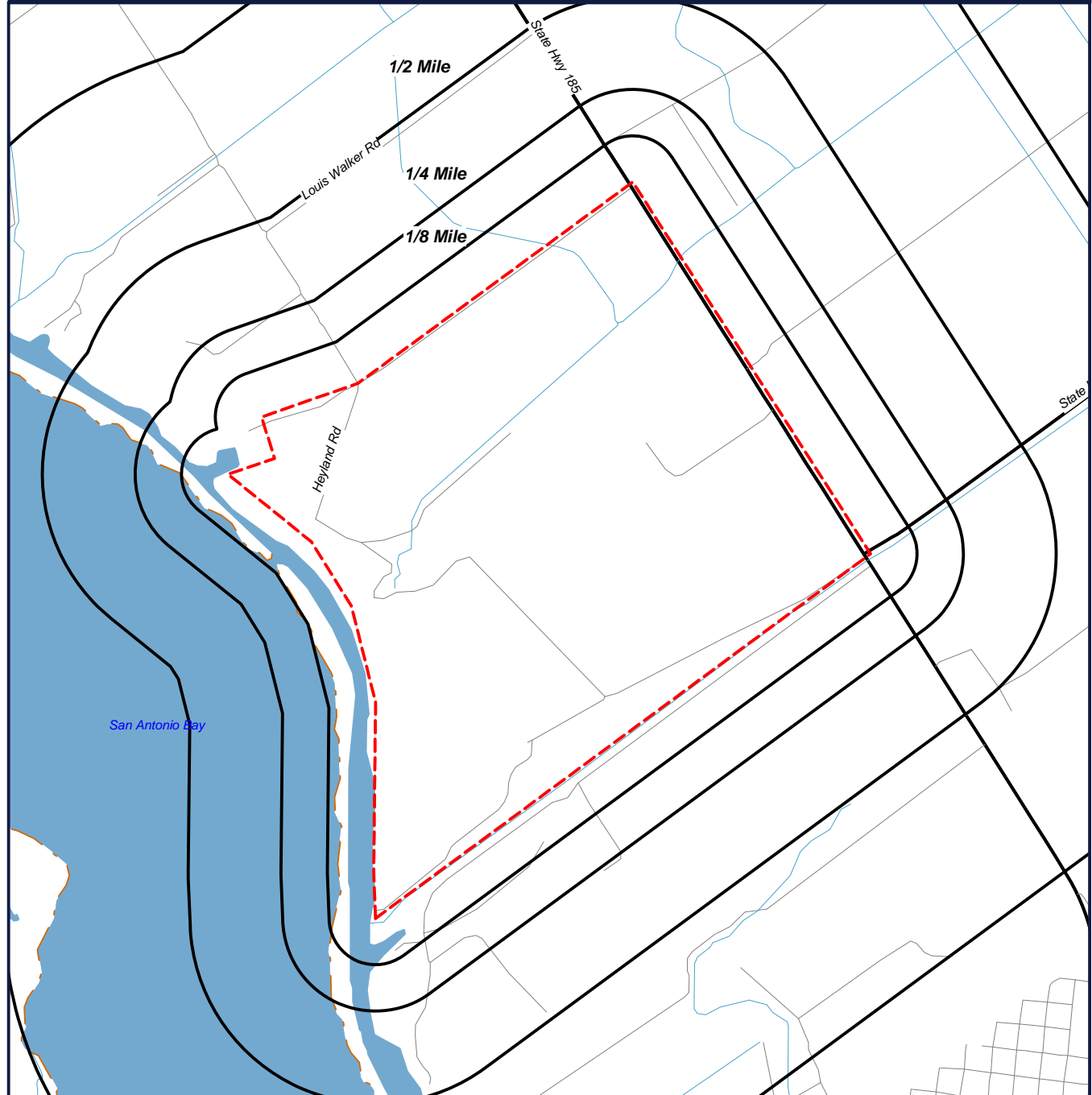



0' 1600' 3200' 4800'
SCALE: 1" = 3200'

GeoSearch

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RADIUS MAP



 Target Property (TP)

**Guadalupe Delta Bay Resort,
LLC
SEADRIFT, Texas
77983**

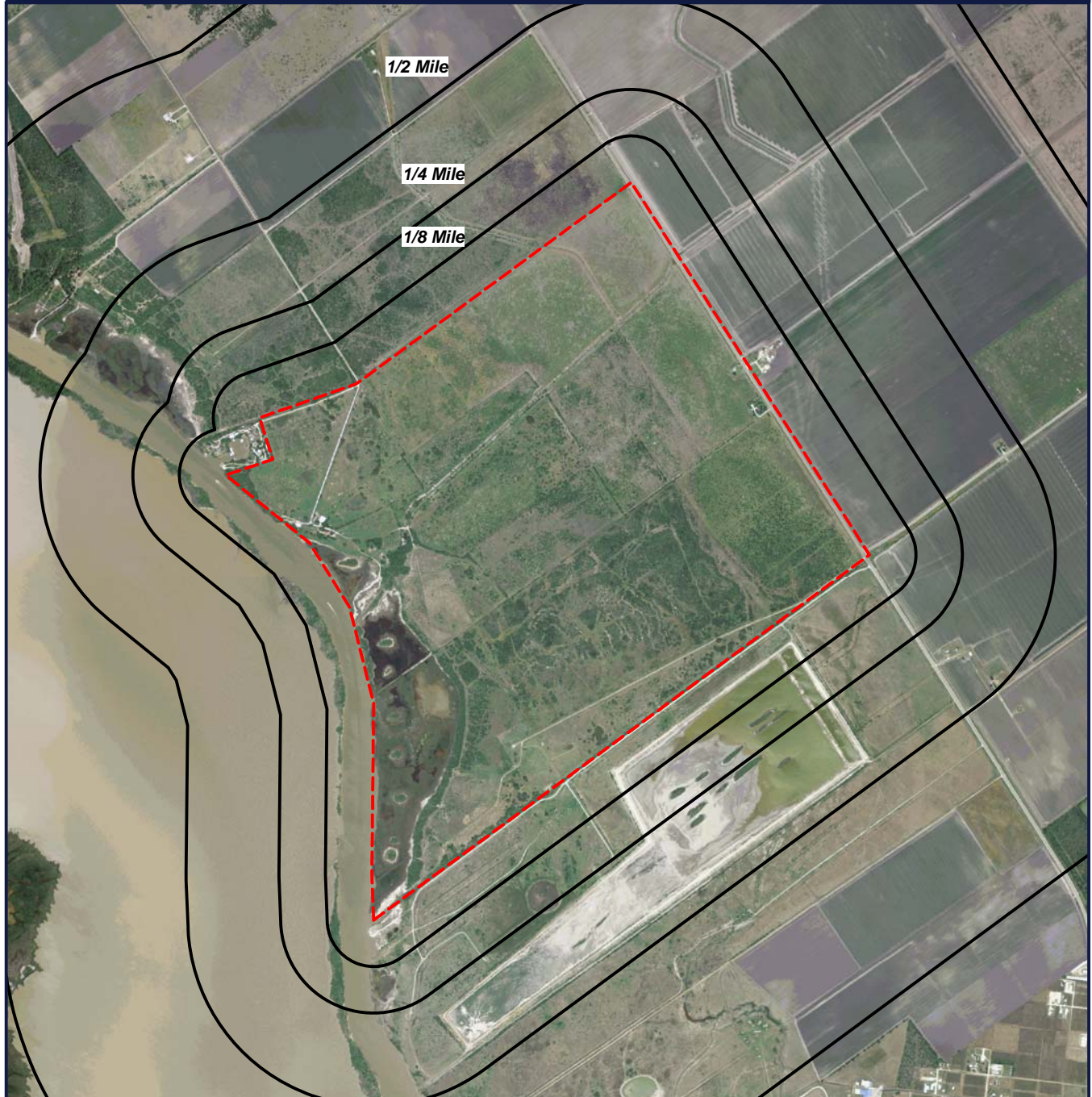



0' 1100' 2200' 3300'
SCALE: 1" = 2200'

GeoSearch

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ORTHOPHOTO MAP



 Target Property (TP)

**Quadrangle(s): Austwell,
Seadrift
Source: USDA (2010)
Guadalupe Delta Bay Resort,
LLC
SEADRIFT, Texas
77983**

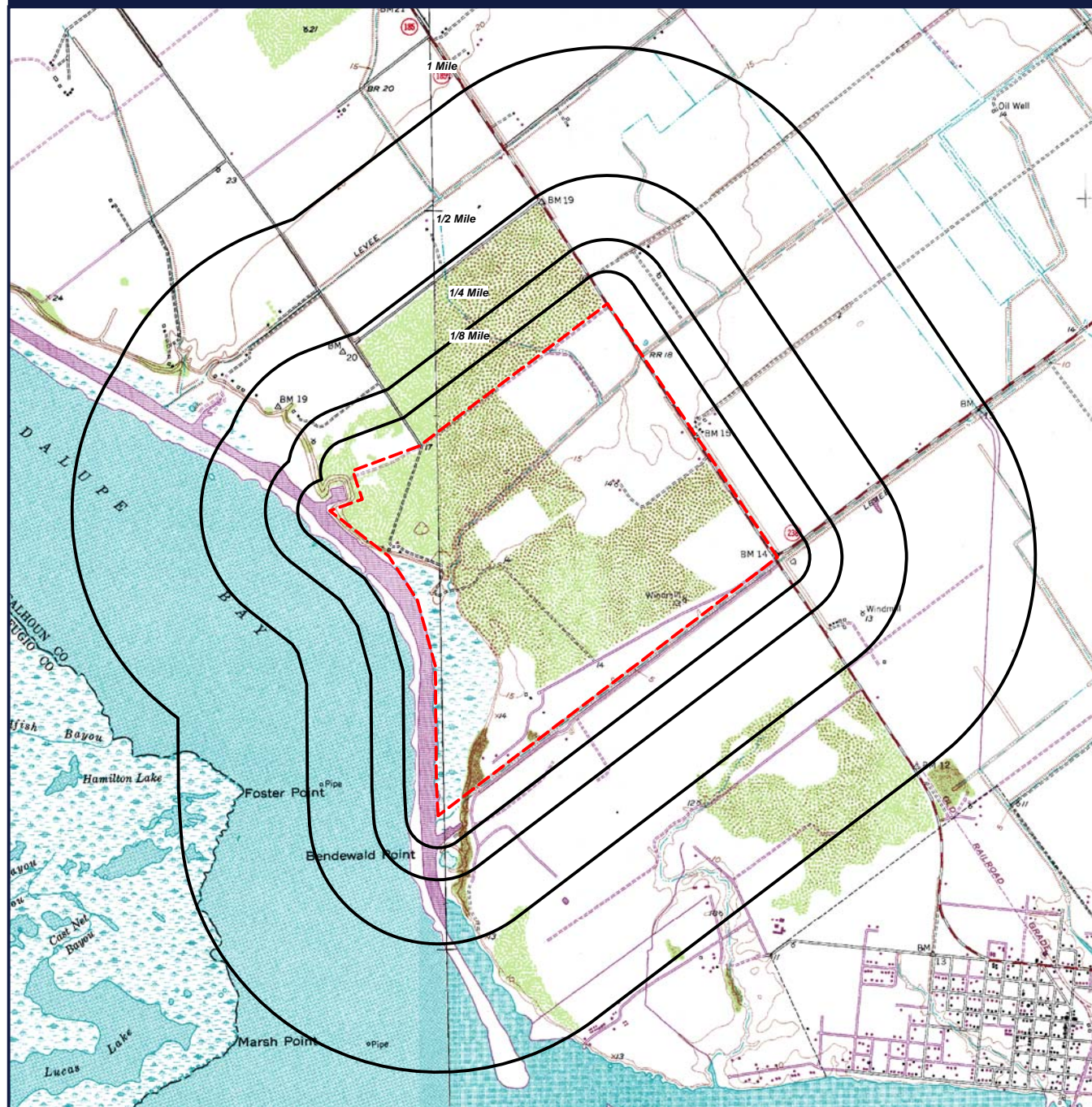



0' 1100' 2200' 3300'
SCALE: 1" = 2200'

GeoSearch

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TOPOGRAPHIC MAP



 Target Property (TP)

**Quadrangle(s): Austwell,
Seadrift**
Source: USGS, 1973
**Guadalupe Delta Bay Resort,
LLC**
SEADRIFT, Texas
77983



0' 1600' 3200' 4800'
SCALE: 1" = 3200'

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REPORT SUMMARY OF UNLOCATABLE SITES

DATABASE TYPE	SITE ID#	SITE NAME	ADDRESS	CITY	ZIP CODE
IHW	68217	VISTRON CORPORATION GREEN LAKE FACILITY	HWY 185	PORT LAVACA	77979
LPST	093044	SEADRIFT PLANT	HWY 185	SEADRIFT	77979
LPST	099375	THE CARBON GRAPHITE GROUP	S HWY 185	SEADRIFT	77983
LPST	112532	EWALD DRIVE INN GROCERY	HWY 185	SEADRIFT	77983
PST	0015882	EWALDS FINA	HWY 185 N	SEADRIFT	77983
PST	0062513	MILLER SEAFOOD	HWY 185	SEADRIFT	77983
TIERII	29NSE200Y7FU	INERGY PROPANE, LLC DBA HALL PROPANE	HIGHWAY 185	SEADRIFT	77983



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INDUSTRIAL AND HAZARDOUS WASTE SITES (IHW)

FACILITY INFORMATION

REGISTRATION #: **68217** EPA ID: **NOT REPORTED**
TNRCC ID #: **023178**
NAME: **VISTRON CORPORATION GREEN LAKE FACILITY**
ADDRESS: **HWY 185**
PORT LAVACA, TX

CONTACT: **JOHN T DUEKER**

PHONE: **512-552-8602**

BUSINESS DESCRIPTION: **NOT REPORTED**

INDUSTRIAL WASTE PERMIT #: **NOT REPORTED**

MUNICIPAL WASTE PERMIT #: **NOT REPORTED**

SIC CODE: **99990**

WASTE GENERATOR: **YES**

WASTE RECEIVER: **NO**

WASTE TRANSPORTER: **NO**

TRANSFER FACILITY: **NO**

MAQUILADORA (MEXICAN FACILITY): **NO**

STATUS: **MERGED**

AMOUNT OF WASTE GENERATED: **LARGE QUANTITY GENERATOR**

GENERATOR TYPE: **INDUSTRIAL**

THIS FACILITY IS A NOTIFIER

THIS FACILITY IS NOT A STEERS REPORTER - (STATE OF TEXAS ENVIRONMENTAL ELECTRONIC REPORTING SYSTEM)

THIS FACILITY IS NOT REQUIRED TO SUBMIT AN ANNUAL WASTE SUMMARY REPORT

THIS FACILITY IS NOT INVOLVED IN RECYCLING ACTIVITIES

LAST UPDATE TO TRACS (TCEQ REGULATORY ACTIVITIES AND COMPLIANCE SYSTEM): **10/17/2003**

ACTIVITIES

ACTIVITY TYPE: **UNKNOWN**

ACTIVITY DESCRIPTION: **NOT REPORTED**

WASTE

NO RECORDS

OWNER INFORMATION

NAME: **VISTRON CORPORATION**

ADDRESS: **PO BOX 659**
PORT LAVACA, TX 77979

PHONE: **512-552-8602**

LEAKING PETROLEUM STORAGE TANKS (LPST)

FACILITY INFORMATION

LPST ID#: **093044** FACILITY ID#: **0032064**

REPORTED DATE: **5/16/1989**

NAME: **SEADRIFT PLANT**

ADDRESS: **HWY 185**

SEADRIFT ,TX 77979

FACILITY LOCATION: **HWY 185 N**

PRIORITY CODE: **(4A) SOIL CONTAMINATION ONLY, REQUIRES FULL SITE ASSESSMENT & REMEDIAL ACTION PLAN (RAP)**

STATUS CODE: **(6A) FINAL CONCURRENCE ISSUED, CASE CLOSED**

TANK INFORMATION

TANKID#/TYPE: **UST 1/UST** INSTALLED: **01/01/1971** STATUS(DATE): **REMOVED FROM GROUND (05/10/1989)**

CAPACITY(gal.): **285** CONTENTS: **DIESEL**

TANK MATERIAL/CONTAINMENT: **NOT REPORTED / NOT REPORTED**

PIPE MATERIAL/CONTAINMENT: **NOT REPORTED / NOT REPORTED**

TANK/PIPE RELEASE DETECTION:

NOT REPORTED / NOT REPORTED

TANK/PIPE CORROSION PROTECTION:

NOT REPORTED / NOT REPORTED

SPILL/OVERFILL PROTECTION: **NOT REPORTED**

PRP INFORMATION

NAME: **UNION CARBIDE CORP**

ADDRESS: **PO BOX 186**

PORT LAVACA, TX 77979

CONTACT: **ROBERT BACKLAND**

PHONE: **512-553-2514**

LEAKING PETROLEUM STORAGE TANKS (LPST)

FACILITY INFORMATION

LPST ID#: **099375** FACILITY ID#: **0000110**

REPORTED DATE: **6/26/1991**

NAME: **THE CARBON GRAPHITE GROUP**

ADDRESS: **S HWY 185**

SEADRIFT ,TX 77983

FACILITY LOCATION: **S HWY 185**

PRIORITY CODE: **(4A) SOIL CONTAMINATION ONLY, REQUIRES FULL SITE ASSESSMENT & REMEDIAL ACTION PLAN (RAP)**

STATUS CODE: **(6A) FINAL CONCURRENCE ISSUED, CASE CLOSED**

TANK INFORMATION

TANKID#/TYPE: **2/UST** INSTALLED: **01/01/1985**

STATUS(DATE): **REMOVED FROM GROUND (06/06/1991)**

CAPACITY(gal.): **1000** CONTENTS: **DIESEL**

TANK MATERIAL/CONTAINMENT: **STEEL / NOT REPORTED**

PIPE MATERIAL/CONTAINMENT: **STEEL / NOT REPORTED**

TANK/PIPE RELEASE DETECTION:

NOT REPORTED / NOT REPORTED

TANK/PIPE CORROSION PROTECTION:

FRP TANK OR PIPING (NONCORRODIBLE) / NOT REPORTED

SPILL/OVERFILL PROTECTION: **NOT REPORTED**

PRP INFORMATION

NAME: **THE CARBON GRAPHITE GROUP**

ADDRESS: **PO BOX 192**

PORT LAVACA, TX 77979

CONTACT: **GREG NORGARD**

PHONE: **512-552-8359**

LEAKING PETROLEUM STORAGE TANKS (LPST)

FACILITY INFORMATION

LPST ID#: **112532** FACILITY ID#: **0015882**

REPORTED DATE: **8/13/1997**

NAME: **EWALD DRIVE INN GROCERY**

ADDRESS: **HWY 185**

SEADRIFT ,TX 77983

FACILITY LOCATION: **HWY 185**

PRIORITY CODE: **(2.5) GROUNDWATER IMPACT, PUBLIC/DOMESTIC WATER SUPPLY WELL W/IN 0.25 MILES**

STATUS CODE: **(6A) FINAL CONCURRENCE ISSUED, CASE CLOSED**

TANK INFORMATION

TANKID#/TYPE: **1/UST** INSTALLED: **01/01/1988** STATUS(DATE): **IN USE (NOT REPORTED)**

CAPACITY(gal.): **8000** CONTENTS: **GASOLINE**

TANK MATERIAL/CONTAINMENT: **COMPOSITE (STEEL W/EXTERNAL FRP CLADDING) / SINGLE WALL**

PIPE MATERIAL/CONTAINMENT: **FRP(FIBERGLASS-REINFORCED PLASTIC) / SINGLE WALL**

TANK/PIPE RELEASE DETECTION:

SIR (STAT. INVENTORY RECONCILIATION) & INVENTORY / SIR (STAT. INVENTORY RECONCILIATION) & INVENTORY

TANK/PIPE CORROSION PROTECTION:

COMPOSITE TANK (STEEL W/FRP EXTERNAL LAMINATE / FRP TANK OR PIPING (NONCORRODIBLE)

SPILL/OVERFILL PROTECTION: **AUTO. DELIVERY SHUT/OFF VALVE**

PRP INFORMATION

NAME: **AMEROIL CORP**

ADDRESS: **12201 N HWY 59**

VICTORIA, TX 77901

CONTACT: **LANCE ALKEK**

PHONE: **512-575-4827**

PETROLEUM STORAGE TANKS (PST)

FACILITY INFORMATION

FACILITY ID #: 0015882
NAME: EWALDS FINA
ADDRESS: HWY 185 N
SEADRIFT, TX 77983
TYPE: RETAIL
TCEQ REGION: 14
FACILITY IN OZONE NON-ATTAINMENT AREA: NO
NUMBER OF UNDERGROUND TANKS AT FACILITY: 4
NUMBER OF ABOVEGROUND TANKS AT FACILITY: 0
FACILITY CONTACT: SANDY ALKEK
PHONE: 361-575-4657
DATE REGISTRATION FORM RECEIVED: 05/08/86
SIGNATURE ON REGISTRATION FORM: F ALKEK, PRES
DATE OF SIGNATURE ON REGISTRATION FORM: 04/15/86

SELF-CERTIFICATION INFORMATION

* MOST RECENT INFORMATION REPORTED

CERTIFICATION DATE: 07/22/09
TYPE OF CERTIFICATION SUBMITTED: ANNUAL RENEWAL
UST DELIVERY CERTIFICATE EXPIRATION DATE: 2010/09
SIGNATURE ON CERTIFICATION: LANCE ACKEK, PRESIDENT, LEGALLY-AUTHORIZED REP OF OWNER

* MOST RECENT INFORMATION REPORTED

CERTIFICATION DATE: 07/22/08
TYPE OF CERTIFICATION SUBMITTED: ANNUAL RENEWAL
UST DELIVERY CERTIFICATE EXPIRATION DATE: 2009/09
SIGNATURE ON CERTIFICATION: LANCE ALKEK, OWNER, OWNER

* MOST RECENT INFORMATION REPORTED

CERTIFICATION DATE: 07/27/07
TYPE OF CERTIFICATION SUBMITTED: ANNUAL RENEWAL
UST DELIVERY CERTIFICATE EXPIRATION DATE: 2008/09
SIGNATURE ON CERTIFICATION: LANCE ALKEK, PRES, LEGALLY-AUTHORIZED REP OF OWNER

* MOST RECENT INFORMATION REPORTED

CERTIFICATION DATE: 07/21/06
TYPE OF CERTIFICATION SUBMITTED: ANNUAL RENEWAL
UST DELIVERY CERTIFICATE EXPIRATION DATE: 2007/09
SIGNATURE ON CERTIFICATION: LANCE ACKER, PRESIDENT, LEGALLY-AUTHORIZED REP OF OWNER

* MOST RECENT INFORMATION REPORTED

CERTIFICATION DATE: 07/21/05
TYPE OF CERTIFICATION SUBMITTED: ANNUAL RENEWAL
UST DELIVERY CERTIFICATE EXPIRATION DATE: 2006/09
SIGNATURE ON CERTIFICATION: LANCE AZKER, PRESIDENT, LEGALLY-AUTHORIZED REP OF OWNER

* MOST RECENT INFORMATION REPORTED

CERTIFICATION DATE: 07/22/04
TYPE OF CERTIFICATION SUBMITTED: ANNUAL RENEWAL
UST DELIVERY CERTIFICATE EXPIRATION DATE: 2005/09
SIGNATURE ON CERTIFICATION: S LANCE ALKEK, PRESIDENT, LEGALLY-AUTHORIZED REP OF OWNER

* MOST RECENT INFORMATION REPORTED

CERTIFICATION DATE: 08/04/03
TYPE OF CERTIFICATION SUBMITTED: ANNUAL RENEWAL
UST DELIVERY CERTIFICATE EXPIRATION DATE: 2004/09
SIGNATURE ON CERTIFICATION: LANCE ALKEK, PRESIDENT, LEGALLY-AUTHORIZED REP OF OWNER

* MOST RECENT INFORMATION REPORTED

CERTIFICATION DATE: 07/16/02
TYPE OF CERTIFICATION SUBMITTED: ANNUAL RENEWAL
UST DELIVERY CERTIFICATE EXPIRATION DATE: 2003/09
SIGNATURE ON CERTIFICATION: LANCE ALKER, , LEGALLY-AUTHORIZED REP OF OWNER

OWNER INFORMATION

CUSTOMER #: 07709
NAME: AMEROIL CORPORATION
ADDRESS: PO BOX 3324
VICTORIA, TX 77903
TYPE: CORPORATION
NUMBER OF FACILITIES REPORTED BY CURRENT OWNER: 3
NUMBER OF UNDERGROUND TANKS FOR CURRENT OWNER: 14
NUMBER OF ABOVEGROUND TANKS FOR CURRENT OWNER: 0
OWNER CONTACT: LANCE ALKEK
PHONE: 361-575-4857



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PETROLEUM STORAGE TANKS (PST)

* MOST RECENT INFORMATION REPORTED

CERTIFICATION DATE: **10/02/00**

TYPE OF CERTIFICATION SUBMITTED: **INITIAL**

UST DELIVERY CERTIFICATE EXPIRATION DATE: **2002/09**

SIGNATURE ON CERTIFICATION: **LARRY ALKER, PRESIDENT, OWNER**

UNDERGROUND STORAGE TANK INFORMATION

TANK ID #: **1**

TANK STATUS: **REMOVED FROM GROUND**

INSTALL DATE: **01/01/1988**

STATUS DATE: **02/08/2011**

REGISTRATION DATE: **05/08/1986**

CAPACITY: **8000 GALLONS**

SUBSTANCE STORED: **GASOLINE**

TANK DESIGN AND EXTERNAL CONTAINMENT (I thru IV)

SINGLE WALL

PIPING DESIGN AND EXTERNAL CONTAINMENT (I thru IV)

SINGLE WALL

TYPE OF PIPING: **PRESSURIZED**

TANK INTERNAL PROTECTION (INTERNAL LINING) DATE: **NOT REPORTED**

TANK MATERIAL: **COMPOSITE (STEEL WITH EXTERNAL FIBERGLASS-REINFORCED PLASTIC CLADDING)**

OTHER TANK MATERIAL:

PIPE MATERIAL: **FRP(FIBERGLASS-REINFORCED PLASTIC)**

OTHER PIPE MATERIAL:

PIPE CONNECTORS AND VALVES (I thru III)

FLEXIBLE CONNECTORS (AT ENDS OF PIPING), SHEAR/IMPACT VALVES (UNDER DISPENSER)

TANK CORROSION PROTECTION (I thru III)

COMPOSITE TANK (STEEL WITH FIBERGLASS-REINFORCED PLASTIC EXTERNAL LAMINATE, FIBERGLASS-REINFORCED PLASTIC TANK OR PIPING (NONCORRODIBLE), CATHODIC PROTECTION - FACTORY INSTALLATION

TANK CORROSION PROTECTION VARIANCE: **NO VARIANCE**

PIPE CORROSION PROTECTION (I thru III)

FIBERGLASS-REINFORCED PLASTIC TANK OR PIPING (NONCORRODIBLE)

PIPE CORROSION PROTECTION VARIANCE: **NO VARIANCE**

STAGE 1 VAPOR RECOVERY EQUIPMENT STATUS: **NOT REPORTED**

STAGE 1 EQUIPMENT INSTALL DATE: **NOT REPORTED**

STAGE 2 VAPOR RECOVERY EQUIPMENT STATUS:

STAGE 2 EQUIPMENT INSTALL DATE: **NOT REPORTED**

TANK TESTED ? : **NO**

INSTALLER NAME:

PETROLEUM STORAGE TANKS (PST)

TANK ID #: **4** TANK STATUS: **PERM. FILLED IN PLACE**
INSTALL DATE: **01/01/1976** STATUS DATE: **02/01/1988**
REGISTRATION DATE: **05/08/1986**
CAPACITY: **2000 GALLONS** SUBSTANCE STORED: **DIESEL**
TANK DESIGN AND EXTERNAL CONTAINMENT (I thru IV)

NOT REPORTED

PIPING DESIGN AND EXTERNAL CONTAINMENT (I thru IV)

NOT REPORTED

TYPE OF PIPING: **NOT REPORTED**
TANK INTERNAL PROTECTION (INTERNAL LINING) DATE: **NOT REPORTED**
TANK MATERIAL: **STEEL**
OTHER TANK MATERIAL:
PIPE MATERIAL: **STEEL**
OTHER PIPE MATERIAL:
PIPE CONNECTORS AND VALVES (I thru III)

NOT REPORTED

TANK CORROSION PROTECTION (I thru III)

NOT REPORTED

TANK CORROSION PROTECTION VARIANCE: **NO VARIANCE**
PIPE CORROSION PROTECTION (I thru III)

NOT REPORTED

PIPE CORROSION PROTECTION VARIANCE: **NO VARIANCE**
STAGE 1 VAPOR RECOVERY EQUIPMENT STATUS: **NOT REPORTED**
STAGE 1 EQUIPMENT INSTALL DATE: **NOT REPORTED**
STAGE 2 VAPOR RECOVERY EQUIPMENT STATUS:
STAGE 2 EQUIPMENT INSTALL DATE: **NOT REPORTED**
TANK TESTED ? : **NO**
INSTALLER NAME:

TANK ID #: **3** TANK STATUS: **PERM. FILLED IN PLACE**
INSTALL DATE: **01/01/1974** STATUS DATE: **02/01/1988**
REGISTRATION DATE: **05/08/1986**
CAPACITY: **4000 GALLONS** SUBSTANCE STORED: **GASOLINE**
TANK DESIGN AND EXTERNAL CONTAINMENT (I thru IV)

NOT REPORTED

PIPING DESIGN AND EXTERNAL CONTAINMENT (I thru IV)

NOT REPORTED

TYPE OF PIPING: **NOT REPORTED**
TANK INTERNAL PROTECTION (INTERNAL LINING) DATE: **NOT REPORTED**
TANK MATERIAL: **STEEL**
OTHER TANK MATERIAL:
PIPE MATERIAL: **STEEL**
OTHER PIPE MATERIAL:
PIPE CONNECTORS AND VALVES (I thru III)

NOT REPORTED

TANK CORROSION PROTECTION (I thru III)

NOT REPORTED

TANK CORROSION PROTECTION VARIANCE: **NO VARIANCE**
PIPE CORROSION PROTECTION (I thru III)

NOT REPORTED

PIPE CORROSION PROTECTION VARIANCE: **NO VARIANCE**
STAGE 1 VAPOR RECOVERY EQUIPMENT STATUS: **NOT REPORTED**
STAGE 1 EQUIPMENT INSTALL DATE: **NOT REPORTED**
STAGE 2 VAPOR RECOVERY EQUIPMENT STATUS:
STAGE 2 EQUIPMENT INSTALL DATE: **NOT REPORTED**
TANK TESTED ? : **NO**
INSTALLER NAME:

PETROLEUM STORAGE TANKS (PST)

TANK ID #: 2 TANK STATUS: REMOVED FROM GROUND
INSTALL DATE: 01/01/1988 STATUS DATE: 02/08/2011
REGISTRATION DATE: 05/08/1986
CAPACITY: 8000 GALLONS SUBSTANCE STORED: GASOLINE
TANK DESIGN AND EXTERNAL CONTAINMENT (I thru IV)

SINGLE WALL

PIPING DESIGN AND EXTERNAL CONTAINMENT (I thru IV)

SINGLE WALL

TYPE OF PIPING: PRESSURIZED
TANK INTERNAL PROTECTION (INTERNAL LINING) DATE: NOT REPORTED
TANK MATERIAL: COMPOSITE (STEEL WITH EXTERNAL FIBERGLASS-REINFORCED PLASTIC CLADDING)
OTHER TANK MATERIAL:
PIPE MATERIAL: FRP(FIBERGLASS-REINFORCED PLASTIC)
OTHER PIPE MATERIAL:
PIPE CONNECTORS AND VALVES (I thru III)

FLEXIBLE CONNECTORS (AT ENDS OF PIPING), SHEAR/IMPACT VALVES (UNDER DISPENSER)

TANK CORROSION PROTECTION (I thru III)

CATHODIC PROTECTION - FACTORY INSTALLATION, FIBERGLASS-REINFORCED PLASTIC TANK OR PIPING (NONCORRODIBLE), COMPOSITE TANK (STEEL WITH FIBERGLASS-REINFORCED PLASTIC EXTERNAL LAMINATE)

TANK CORROSION PROTECTION VARIANCE: NO VARIANCE

PIPE CORROSION PROTECTION (I thru III)

FIBERGLASS-REINFORCED PLASTIC TANK OR PIPING (NONCORRODIBLE)

PIPE CORROSION PROTECTION VARIANCE: NO VARIANCE
STAGE 1 VAPOR RECOVERY EQUIPMENT STATUS: NOT REPORTED
STAGE 1 EQUIPMENT INSTALL DATE: NOT REPORTED
STAGE 2 VAPOR RECOVERY EQUIPMENT STATUS:
STAGE 2 EQUIPMENT INSTALL DATE: NOT REPORTED
TANK TESTED?: NO
INSTALLER NAME:

UNIT ID: 00040600 TANK ID: 1 COMPARTMENT LETTER: A

TANK RELEASE DETECTION METHOD

SIR (STATISTICAL INVENTORY RECONCILIATION) & INVENTORY C, VAPOR MONITORING

TANK RELEASE DETECTION VARIANCE: NO VARIANCE

PIPE RELEASE DETECTION METHOD

SIR (STATISTICAL INVENTORY RECONCILIATION) & INVENTORY C, VAPOR MONITORING

PIPE RELEASE DETECTION VARIANCE: NO VARIANCE

SPILL AND OVERFILL PREVENTION

AUTO. DELIVERY SHUT/OFF VALVE, FACTORY/BUILT SPILL CONTAINER/BUCKET/SUMP, TIGHT-FILL FITTING

SPILL AND OVERFILL PREVENTION VARIANCE: NO VARIANCE

UNIT ID: 00040601 TANK ID: 4 COMPARTMENT LETTER: A

TANK RELEASE DETECTION METHOD

NONE

TANK RELEASE DETECTION VARIANCE: NO VARIANCE

PIPE RELEASE DETECTION METHOD

NONE

PIPE RELEASE DETECTION VARIANCE: NO VARIANCE

SPILL AND OVERFILL PREVENTION

NOT REPORTED

SPILL AND OVERFILL PREVENTION VARIANCE: NO VARIANCE

UNIT ID: 00040602 TANK ID: 3 COMPARTMENT LETTER: A

TANK RELEASE DETECTION METHOD

NONE

TANK RELEASE DETECTION VARIANCE: NO VARIANCE

PIPE RELEASE DETECTION METHOD

NONE

PIPE RELEASE DETECTION VARIANCE: NO VARIANCE

SPILL AND OVERFILL PREVENTION

NOT REPORTED

SPILL AND OVERFILL PREVENTION VARIANCE: NO VARIANCE



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PETROLEUM STORAGE TANKS (PST)

UNIT ID: **00040603** TANK ID: **2** COMPARTMENT LETTER: **A**

TANK RELEASE DETECTION METHOD

SIR (STATISTICAL INVENTORY RECONCILIATION) & INVENTORY C, VAPOR MONITORING

TANK RELEASE DETECTION VARIANCE: **NO VARIANCE**

PIPE RELEASE DETECTION METHOD

SIR (STATISTICAL INVENTORY RECONCILIATION) & INVENTORY C, VAPOR MONITORING

PIPE RELEASE DETECTION VARIANCE: **NO VARIANCE**

SPILL AND OVERFILL PREVENTION

AUTO. DELIVERY SHUT/OFF VALVE, FACTORY/BUILT SPILL CONTAINER/BUCKET/SUMP, TIGHT-FILL FITTING

SPILL AND OVERFILL PREVENTION VARIANCE: **NO VARIANCE**

ABOVEGROUND STORAGE TANK INFORMATION

NO ABOVEGROUND STORAGE TANK DATA REPORTED FOR THIS FACILITY

PETROLEUM STORAGE TANKS (PST)

FACILITY INFORMATION

FACILITY ID #: 0062513
NAME: MILLER SEAFOOD
ADDRESS: HWY 185
SEADRIFT, TX 77983
TYPE: FLEET REFUELING
TCEQ REGION: 14
FACILITY IN OZONE NON-ATTAINMENT AREA: NO
NUMBER OF UNDERGROUND TANKS AT FACILITY: 0
NUMBER OF ABOVEGROUND TANKS AT FACILITY: 1
FACILITY CONTACT: MR MILLER
PHONE: 512-552-7004
DATE REGISTRATION FORM RECEIVED: 02/28/92
SIGNATURE ON REGISTRATION FORM: K L JARRATT, MANAGER
DATE OF SIGNATURE ON REGISTRATION FORM: 10/14/91

SELF-CERTIFICATION INFORMATION

NO SELF-CERTIFICATION DATA REPORTED FOR THIS FACILITY

UNDERGROUND STORAGE TANK INFORMATION

NO UNDERGROUND STORAGE TANK DATA REPORTED FOR THIS FACILITY

ABOVEGROUND STORAGE TANK INFORMATION

TANK ID #: 1 TANK STATUS: OUT OF USE
INSTALL DATE: 01/01/1990
REGISTRATION DATE: 02/28/1992
CAPACITY: 2000 GALLONS
SUBSTANCE STORED: DIESEL
TANK MATERIAL: STEEL
CONTAINMENT: EARTHEN DIKEN

OWNER INFORMATION

CUSTOMER #: 16925
NAME: MAURITZ & COUEY TRANSPORTATION LLC
ADDRESS: PO BOX 1208
GANADO, TX 77962
TYPE: CORPORATION
NUMBER OF FACILITIES REPORTED BY CURRENT OWNER: 22
NUMBER OF UNDERGROUND TANKS FOR CURRENT OWNER: 44
NUMBER OF ABOVEGROUND TANKS FOR CURRENT OWNER: 13
OWNER CONTACT: STEVE JANKE
PHONE: 979-543-3922 X217

TIER I I CHEMICAL REPORTING PROGRAM FACILITIES (TIERII)

SITE INFORMATION

UNIQUE ID: **29NSE200Y7FU**

SITE ID: **FATR200729NSE200Y7FU**

NAME: **INERGY PROPANE, LLC DBA HALL PROPANE**

ADDRESS: **HIGHWAY 185**

SEADRIFT, TX 77983

SIGNED DATE: **2/14/2008**

VALIDATION REPORT: **THIS FACILITY PASSED ALL VALIDATION CHECKS.**

MAILING ADDRESS: **2591 DALLAS PARKWAY, SUITE 105**

FRISCO, TX 75034

SITE DETAILS

SITE TYPE: **LIQ PETROL GAS (BOT GAS) DEALR**

SITE TYPE: **LIQUEFIED PETROLEUM GAS (BOTTLED GAS) DEALERS**

CHEMICAL LOCATION:

12,417 GALLON BULK STORAGE TANK

CHEMICAL AMOUNT: **11175 GALLONS**

CHEMICAL NAME: **PROPANE**

MAXIMUM AMOUNT: **NOT REPORTED**

FIRE: **YES**

GAS: **YES**

LIQUID: **YES**

SOLID: **NOT REPORTED**

PURE: **YES**

MIXTURE: **NOT REPORTED**

ENVIRONMENTAL RECORDS DEFINITIONS - FEDERAL

AIRSAFS Aerometric Information Retrieval System / Air Facility Subsystem

VERSION DATE: 8/2011

The United States Environmental Protection Agency (EPA) modified the Aerometric Information Retrieval System (AIRS) to a database that exclusively tracks the compliance of stationary sources of air pollution with EPA regulations: the Air Facility Subsystem (AFS). Since this change in 2001, the management of the AIRS/AFS database was assigned to EPA's Office of Enforcement and Compliance Assurance.

BF Brownfields Management System

VERSION DATE: 12/2011

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. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. The United States Environmental Protection Agency maintains this database to track activities in the various brown field grant programs including grantee assessment, site cleanup and site redevelopment.

BRS Biennial Reporting System

VERSION DATE: 1/2003

The United States Environmental Protection Agency (EPA), in cooperation with the States, biennially collects information regarding the generation, management, and final disposition of hazardous wastes regulated under the Resource Conservation and Recovery Act of 1976 (RCRA), as amended. The Biennial Report captures detailed data on the generation of hazardous waste from large quantity generators and data on waste management practices from treatment, storage and disposal facilities. Currently, the EPA states that data collected between 1991 and 1997 was originally a part of the defunct Biennial Reporting System and is now incorporated into the RCRAInfo data system.

CDL Clandestine Drug Laboratory Locations

VERSION DATE: 5/2011

The U.S. Department of Justice ("the Department") provides this information as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments. The Department does not establish, implement, enforce, or certify compliance with clean-up or remediation standards for contaminated sites; the public should contact a state or local health department or environmental protection agency for that information.



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ENVIRONMENTAL RECORDS DEFINITIONS - FEDERAL

CERCLIS Comprehensive Environmental Response, Compensation & Liability Information System

VERSION DATE: 1/2012

CERCLIS is the repository for site and non-site specific Superfund information in support of the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA). This United States Environmental Protection Agency database contains an extract of sites that have been investigated or are in the process of being investigated for potential environmental risk.

DNPL Delisted National Priorities List

VERSION DATE: 1/2012

This database includes sites from the United States Environmental Protection Agency's Final National Priorities List (NPL) where remedies have proven to be satisfactory or sites where the original analyses were inaccurate, and the site is no longer appropriate for inclusion on the NPL, and final publication in the Federal Register has occurred.

DOCKETS EPA Docket Data

VERSION DATE: 12/2005

The United States Environmental Protection Agency Docket data lists Civil Case Defendants, filing dates as far back as 1971, laws broken including section, violations that occurred, pollutants involved, penalties assessed and superfund awards by facility and location. Please refer to ICIS database as source of current data.

DOD Department of Defense Sites

VERSION DATE: 12/2005

This information originates from the National Atlas of the United States Federal Lands data, which includes lands owned or administered by the Federal government. Army DOD, Army Corps of Engineers DOD, Air Force DOD, Navy DOD and Marine DOD areas of 640 acres or more are included.

EC Federal Engineering Institutional Control Sites

VERSION DATE: 12/2011

This database includes site locations where Engineering and/or Institutional Controls have been identified as part of a selected remedy for the site as defined by United States Environmental Protection Agency official remedy decision documents. A site listing does not indicate that the institutional and engineering controls are currently in place nor will be in place once the remedy is complete; it only indicates that the decision to include either of them in the remedy is documented as of the completed date of the document. Institutional controls are actions, such as legal controls, that help minimize the potential for human exposure to contamination by ensuring appropriate land or resource use. Engineering controls include caps, barriers, or other device engineering to prevent access, exposure, or continued migration of contamination.



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ERNSTX Emergency Response Notification System

VERSION DATE: 12/2011

This National Response Center database contains data on reported releases of oil, chemical, radiological, biological, and/or etiological discharges into the environment anywhere in the United States and its territories. The data comes from spill reports made to the U.S. Environmental Protection Agency, U.S. Coast Guard, the National Response Center and/or the U.S. Department of Transportation.

FRSTX Facility Registry System

VERSION DATE: 12/2011

The United States Environmental Protection Agency's Office of Environmental Information (OEI) developed the Facility Registry System (FRS) as the centrally managed database that identifies facilities, sites or places subject to environmental regulations or of environmental interest. The Facility Registry System replaced the Facility Index System or FINDS database.

FUDS Formerly Used Defense Sites

VERSION DATE: 10/2011

The 2010 FUDS inventory includes properties previously owned by or leased to the United States and under Secretary of Defense jurisdiction. The remediation of these properties is the responsibility of the Department of Defense.

HMIRSR06 Hazardous Materials Incident Reporting System

VERSION DATE: 12/2011

The HMIRS database contains unintentional hazardous materials release information reported to the U.S. Department of Transportation located in EPA Region 6. This region includes the following states: Arkansas, Louisiana, New Mexico, Oklahoma, and Texas.

ICIS Integrated Compliance Information System (formerly DOCKETS)

VERSION DATE: 8/2011

ICIS is a case activity tracking and management system for civil, judicial, and administrative federal Environmental Protection Agency enforcement cases. ICIS contains information on federal administrative and federal judicial cases under the following environmental statutes: the Clean Air Act, the Clean Water Act, the Resource Conservation and Recovery Act, the Emergency Planning and Community Right-to-Know Act - Section 313, the Toxic Substances Control Act, the Federal Insecticide, Fungicide, and Rodenticide Act, the Comprehensive Environmental Response, Compensation, and Liability Act, the Safe Drinking Water Act, and the Marine Protection, Research, and Sanctuaries Act.



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ENVIRONMENTAL RECORDS DEFINITIONS - FEDERAL

ICISNPDES Integrated Compliance Information System National Pollutant Discharge Elimination System
VERSION DATE: 8/2011

In 2006, the Integrated Compliance Information System (ICIS) - National Pollutant Discharge Elimination System (NPDES) became the NPDES national system of record for select states, tribes and territories. ICIS-NPDES is an information management system maintained by the United States Environmental Protection Agency's Office of Compliance to track permit compliance and enforcement status of facilities regulated by the NPDES under the Clean Water Act. ICIS-NPDES is designed to support the NPDES program at the state, regional, and national levels.

LUCIS Land Use Control Information System
VERSION DATE: 9/2006

The LUCIS database is maintained by the U.S. Navy and contains information for former Base Realignment and Closure (BRAC) properties across the United States.

MLTS Material Licensing Tracking System
VERSION DATE: 2/2011

MLTS is a list of approximately 8,100 sites which have or use radioactive materials subject to the United States Nuclear Regulatory Commission (NRC) licensing requirements.

NFRAP No Further Remedial Action Planned Sites
VERSION DATE: 1/2012

This database includes sites which have been determined by the United States Environmental Protection Agency, following preliminary assessment, to no longer pose a significant risk or require further activity under CERCLA. After initial investigation, no contamination was found, contamination was quickly removed or contamination was not serious enough to require Federal Superfund action or NPL consideration.

NLRRCRAC No Longer Regulated RCRA Corrective Action Facilities
VERSION DATE: 1/2012

This database includes RCRA Corrective Action facilities that are no longer regulated by the United States Environmental Protection Agency or do not meet other RCRA reporting requirements.

NLRRCRAG No Longer Regulated RCRA Generator Facilities
VERSION DATE: 1/2012

This database includes RCRA Generator facilities that are no longer regulated by the United States Environmental Protection Agency or do not meet other RCRA reporting requirements. This listing includes facilities that formerly generated hazardous waste.



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ENVIRONMENTAL RECORDS DEFINITIONS - FEDERAL

Large Quantity Generators: Generate 1,000 kg or more of hazardous waste during any calendar month; or Generate more than 1 kg of acutely hazardous waste during any calendar month; or Generate more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, or acutely hazardous waste during any calendar month; or Generate 1 kg or less of acutely hazardous waste during any calendar month, and accumulate more than 1kg of acutely hazardous waste at any time; or Generate 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulated more than 100 kg of that material at any time.

Small Quantity Generators: Generate more than 100 and less than 1000 kilograms of hazardous waste during any calendar month and accumulate less than 6000 kg of hazardous waste at any time; or Generate 100 kg or less of hazardous waste during any calendar month, and accumulate more than 1000 kg of hazardous waste at any time.

Conditionally Exempt Small Quantity Generators: Generate 100 kilograms or less of hazardous waste per calendar month, and accumulate 1000 kg or less of hazardous waste at any time; or Generate one kilogram or less of acutely hazardous waste per calendar month, and accumulate at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, or acutely hazardous waste; or Generate 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, or acutely hazardous waste during any calendar month, and accumulate at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste.

NLRRCRAT No Longer Regulated RCRA Non-CORRACTS TSD Facilities

VERSION DATE: 1/2012

This database includes RCRA Non-Corrective Action TSD facilities that are no longer regulated by the United States Environmental Protection Agency or do not meet other RCRA reporting requirements. This listing includes facilities that formerly treated, stored or disposed of hazardous waste.

NPDES06 National Pollutant Discharge Elimination System

VERSION DATE: 4/2007

Information in this database is extracted from the Water Permit Compliance System (PCS) database which is used by United States Environmental Protection Agency to track surface water permits issued under the Clean Water Act. This database includes permitted facilities located in EPA Region 6. This region includes the following states: Arkansas, Louisiana, New Mexico, Oklahoma, and Texas. The NPDES database was collected from December 2002 until April 2007. Refer to the PCS and/or ICIS-NPDES database as source of current data.



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ENVIRONMENTAL RECORDS DEFINITIONS - FEDERAL

NPL National Priorities List

VERSION DATE: 1/2012

This database includes United States Environmental Protection Agency (EPA) National Priorities List sites that fall under the EPA's Superfund program, established to fund the cleanup of the most serious uncontrolled or abandoned hazardous waste sites identified for possible long-term remedial action.

ODI Open Dump Inventory

VERSION DATE: 6/1985

The open dump inventory was published by the United States Environmental Protection Agency. An "open dump" is defined as a facility or site where solid waste is disposed of which is not a sanitary landfill which meets the criteria promulgated under section 4004 of the Solid Waste Disposal Act (42 U.S.C. 6944) and which is not a facility for disposal of hazardous waste. This inventory has not been updated since June 1985.

PADS PCB Activity Database System

VERSION DATE: 10/2011

The PCB Activity Database System (PADS) is used by the United States Environmental Protection Agency to monitor the activities of polychlorinated biphenyls (PCB) handlers.

PCSR06 Permit Compliance System

VERSION DATE: 8/2011

The Permit Compliance System is used in tracking enforcement status and permit compliance of facilities controlled by the National Pollutant Discharge Elimination System (NPDES) under the Clean Water Act and is maintained by the United States Environmental Protection Agency's Office of Compliance. PCS is designed to support the NPDES program at the state, regional, and national levels. This database includes permitted facilities located in EPA Region 6. This region includes the following states: Arkansas, Louisiana, New Mexico, Oklahoma, and Texas.

PNPL Proposed National Priorities List

VERSION DATE: 1/2012

This database contains sites proposed to be included on the National Priorities List (NPL) in the Federal Register. The United States Environmental Protection Agency investigates these sites to determine if they may present long-term threats to public health or the environment.



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ENVIRONMENTAL RECORDS DEFINITIONS - FEDERAL

RCRAC

Resource Conservation & Recovery Act - Corrective Action Facilities

VERSION DATE: 1/2012

This database includes hazardous waste sites listed with corrective action activity in the RCRAInfo system. The Corrective Action Program requires owners or operators of RCRA facilities (or treatment, storage, and disposal facilities) to investigate and cleanup contamination in order to protect human health and the environment. The United States Environmental Protection Agency defines RCRAInfo as the comprehensive information system which provides access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRAInfo replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS) and the Biennial Reporting System (BRS).

RCRAGR06

Resource Conservation & Recovery Act - Generator Facilities

VERSION DATE: 1/2012

This database includes sites listed as generators of hazardous waste (large, small, and exempt) in the RCRAInfo system. The United States Environmental Protection Agency defines RCRAInfo as the comprehensive information system which provides access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRAInfo replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS) and the Biennial Reporting System (BRS). This database includes sites located in EPA Region 6. This region includes the following states: Arkansas, Louisiana, New Mexico, Oklahoma, and Texas.

Large Quantity Generators: Generate 1,000 kg or more of hazardous waste during any calendar month; or Generate more than 1 kg of acutely hazardous waste during any calendar month; or Generate more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, or acutely hazardous waste during any calendar month; or Generate 1 kg or less of acutely hazardous waste during any calendar month, and accumulate more than 1kg of acutely hazardous waste at any time; or Generate 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulated more than 100 kg of that material at any time.

Small Quantity Generators: Generate more than 100 and less than 1000 kilograms of hazardous waste during any calendar month and accumulate less than 6000 kg of hazardous waste at any time; or Generate 100 kg or less of hazardous waste during any calendar month, and accumulate more than 1000 kg of hazardous waste at any time.

Conditionally Exempt Small Quantity Generators: Generate 100 kilograms or less of hazardous waste per calendar month, and accumulate 1000 kg or less of hazardous waste at any time; or Generate one kilogram or less of acutely hazardous waste per calendar month, and accumulate at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, or acutely hazardous waste; or Generate 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, or acutely hazardous



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waste during any calendar month, and accumulate at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste.

RCRASC RCRA Sites with Controls

VERSION DATE: 10/2010

This list of Resource Conservation and Recovery Act sites with institutional controls in place is provided by the U.S. Environmental Protection Agency.

RCRAT Resource Conservation & Recovery Act - Treatment, Storage & Disposal Facilities

VERSION DATE: 1/2012

This database includes Non-Corrective Action sites listed as treatment, storage and/or disposal facilities of hazardous waste in the RCRAInfo system. The United States Environmental Protection Agency defines RCRAInfo as the comprehensive information system which provides access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRAInfo replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS) and the Biennial Reporting System (BRS).

RODS Record of Decision System

VERSION DATE: 2/2012

These decision documents maintained by the United States Environmental Protection Agency describe the chosen remedy for NPL (Superfund) site remediation. They also include site history, site description, site characteristics, community participation, enforcement activities, past and present activities, contaminated media, the contaminants present, and scope and role of response action.

SFLIENS CERCLIS Liens

VERSION DATE: 8/2011

A Federal CERCLA ("Superfund") lien can exist by operation of law at any site or property at which United States Environmental Protection Agency has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties. This database contains those CERCLIS sites where the Lien on Property action is complete.

SSTS Section Seven Tracking System

VERSION DATE: 12/2009

The United States Environmental Protection Agency tracks information on pesticide establishments through the Section Seven Tracking System (SSTS). SSTS records the registration of new



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establishments and records pesticide production at each establishment. The Federal Insecticide, Fungicide and Rodenticide Act (FIFRA) requires that production of pesticides or devices be conducted in a registered pesticide-producing or device-producing establishment. ("Production" includes formulation, packaging, repackaging, and relabeling.)

TRI Toxics Release Inventory

VERSION DATE: 12/2010

The Toxics Release Inventory, provided by the United States Environmental Protection Agency, includes data on toxic chemical releases and waste management activities from certain industries as well as federal facilities. This inventory contains information about the types and amounts of toxic chemicals that are released each year to the air, water, and land as well as information on the quantities of toxic chemicals sent to other facilities for further waste management.

TSCA Toxic Substance Control Act Inventory

VERSION DATE: 12/2006

The Toxic Substances Control Act (TSCA) was enacted in 1976 to ensure that chemicals manufactured, imported, processed, or distributed in commerce, or used or disposed of in the United States do not pose any unreasonable risks to human health or the environment. TSCA section 8(b) provides the United States Environmental Protection Agency authority to "compile, keep current, and publish a list of each chemical substance that is manufactured or processed in the United States." This TSCA Chemical Substance Inventory contains non-confidential information on the production amount of toxic chemicals from each manufacturer and importer site.

ENVIRONMENTAL RECORDS DEFINITIONS - STATE (TX)

APAR Affected Property Assessment Reports

VERSION DATE: 12/2011

As regulated by the Texas Commission on Environmental Quality, an Affected Property Assessment Report is required when a person is addressing a release of chemical of concern (COC) under 30 TAC Chapter 350, the Texas Risk Reduction Program (TRRP). The purpose of the APAR is to document all relevant affected property information to identify all release sources and COCs, determine the extent of all COCs, identify all transport/exposure pathways, and to determine if any response actions are necessary. The Texas Administrative Code Title 30 §350.4(a)(1) defines affected property as the entire area (i.e. on-site and off-site; including all environmental media) which contains releases of chemicals of concern at concentrations equal to or greater than the assessment level applicable for residential land use and groundwater classification.

BSA Brownfields Site Assessments

VERSION DATE: 1/2012

The Brownfields Site Assessments database is maintained by the Texas Commission on Environmental Quality (TCEQ). The TCEQ, in close partnership with the U.S. Environmental Protection Agency (EPA) and other federal, state, and local redevelopment agencies, and stakeholders, is facilitating cleanup, transferability, and revitalization of brownfields through the development of regulatory, tax, and technical assistance tools.

CALF Closed & Abandoned Landfill Inventory

VERSION DATE: 11/2005

The Texas Commission on Environmental Quality, under a contract with Texas State University, and in cooperation with the 24 regional Council of Governments in the State, has located over 4,000 closed and abandoned municipal solid waste landfills throughout Texas. This listing contains "unauthorized sites". Unauthorized sites have no permit and are considered abandoned. The information available for each site varies in detail.

DCR Dry Cleaner Registration Database

VERSION DATE: 1/2012

The database includes dry cleaning drop stations and facilities registered with the Texas Commission on Environmental Quality.

GWCC Groundwater Contamination Cases

VERSION DATE: 12/2010

This report contains a listing of groundwater contamination cases which were documented for the 2010 calendar year. Texas Water Code, Section 26.406 requires the annual report to describe the current status of groundwater monitoring activities conducted or required by each agency at



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ENVIRONMENTAL RECORDS DEFINITIONS - STATE (TX)

regulated facilities or associated with regulated activities. The agencies reporting these contamination cases include the Texas Commission on Environmental Quality, Railroad Commission of Texas, Texas Alliance of Groundwater Districts, and Department of State Health Services.

HISTGWCC Historic Groundwater Contamination Cases

VERSION DATE: NR

This historic report contains all agency groundwater contamination cases documented from 1994 to 2009. The agencies that reported these contamination cases included the Texas Commission on Environmental Quality, Railroad Commission of Texas, Texas Alliance of Groundwater Districts, and Department of State Health Services.

IHW Industrial and Hazardous Waste Sites

VERSION DATE: 2/2012

Owner and facility information is included in this database of permitted and non-permitted industrial and hazardous waste sites. Industrial waste is waste that results from or is incidental to operations of industry, manufacturing, mining, or agriculture. Hazardous waste is defined as any solid waste listed as hazardous or possesses one or more hazardous characteristics as defined in federal waste regulations. The IHW database is maintained by the Texas Commission on Environmental Quality.

IOP Innocent Owner / Operator Database

VERSION DATE: 1/2012

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

LIENS TCEQ Liens

VERSION DATE: 10/2011

Liens filed upon State and/or Federal Superfund Sites by the Texas Commission on Environmental Quality.

LPST Leaking Petroleum Storage Tanks

VERSION DATE: 2/2012

The Leaking Petroleum Storage Tank listing is derived from the Petroleum Storage Tank (PST) database and is maintained by the Texas Commission on Environmental Quality. This listing includes aboveground and underground storage tank facilities with reported leaks.



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ENVIRONMENTAL RECORDS DEFINITIONS - STATE (TX)

MSD Municipal Setting Designations

VERSION DATE: 1/2012

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

MSWLF Municipal Solid Waste Landfill Sites

VERSION DATE: 1/2012

The municipal solid waste landfill database is provided by the Texas Commission on Environmental Quality. This database includes active landfills and inactive landfills, where solid waste is treated or stored.

NOV Notice of Violations

VERSION DATE: 1/2012

This database containing Notice of Violations (NOV) is maintained by the Texas Commission on Environmental Quality. An NOV is a written notification that documents and communicates violations observed during an inspection to the business or individual inspected.

PIHW Permitted Industrial Hazardous Waste Sites

VERSION DATE: 2/2012

Owner and facility information is included in this database of all permitted industrial and hazardous waste sites. Industrial waste is waste that results from or is incidental to operations of industry, manufacturing, mining, or agriculture. Hazardous waste is defined as any solid waste listed as hazardous or possesses one or more hazardous characteristics as defined in federal waste regulations. Permitted IHW facilities are regulated under 30 Texas Administrative Code Chapter 335 in addition to federal regulations. The IHW database is maintained by the Texas Commission on Environmental Quality.

PST Petroleum Storage Tanks

VERSION DATE: 2/2012

The Petroleum Storage Tank database is administered by the Texas Commission on Environmental Quality (TCEQ). Both Underground storage tanks (USTs) and Aboveground storage tanks (ASTs) are included in this report. Petroleum Storage Tank registration has been a requirement with the TCEQ since 1986.



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ENVIRONMENTAL RECORDS DEFINITIONS - STATE (TX)

RRCVCP Railroad Commission VCP and Brownfield Sites

VERSION DATE: 10/2011

According to the Railroad Commission of Texas, their Voluntary Cleanup Program (RRC-VCP) provides an incentive to remediate Oil & Gas related pollution by participants as long as they did not cause or contribute to the contamination. Applicants to the program receive a release of liability to the state in exchange for a successful cleanup.

RWS Radioactive Waste Sites

VERSION DATE: 7/2006

This Texas Commission on Environmental Quality database contains all sites in the State of Texas that have been designated as Radioactive Waste sites.

SF State Superfund Sites

VERSION DATE: 10/2011

The state Superfund program mission is to remediate abandoned or inactive sites within the state that pose an unacceptable risk to public health and safety or the environment, but which do not qualify for action under the federal Superfund program (NPL - National Priority Listing). As required by the Texas Solid Waste Disposal Act, Texas Health and Safety Code, Chapter 361, the Texas Commission on Environmental Quality identifies and evaluates these facilities for inclusion on the state Superfund registry. This registry includes any recent developments and the anticipated action for these sites.

SIEC01 State Institutional/Engineering Control Sites

VERSION DATE: 1/2012

The Texas Risk Reduction Program (TRRP) requires the placement of institutional controls (e.g., deed notices or restrictive covenants) on affected property in different circumstances as part of completing a response action. In its simplest form, an institutional control (IC) is a legal document that is recorded in the county deed records. In certain circumstances, local zoning or ordinances can serve as an IC. This listing may also include locations where Engineering Controls are in effect, such as a cap, barrier, or other engineering device to prevent access, exposure, or continued migration of contamination. The sites included on this list are regulated by various programs of the Texas Commission on Environmental Quality.

SPILLS Spills Listing

VERSION DATE: 1/2012

This Texas Commission on Environmental Quality database includes releases of hazardous or potentially hazardous materials into the environment.



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ENVIRONMENTAL RECORDS DEFINITIONS - STATE (TX)

TIERII Tier II Chemical Reporting Program Facilities

VERSION DATE: 12/2010

The Texas Tier II Chemical Reporting Program in the Department of State Health Services (DSHS) is the state repository for EPCRA-required Emergency Planning Letters (EPLs), which are one-time notifications to the state from facilities that have certain extremely hazardous chemicals in specified amounts. The Program is also the state repository for EPCRA/state-required hazardous chemical inventory reports called Texas Tier Two Reports. This data contains those facility reports for the 2005 through the 2010 calendar years.

VCP Voluntary Cleanup Program Sites

VERSION DATE: 1/2012

The Texas Voluntary Cleanup Program (VCP) provides administrative, technical, and legal incentives to encourage the cleanup of contaminated sites in Texas. Since all non-responsible parties, including future lenders and landowners, receive protection from liability to the state of Texas for cleanup of sites under the VCP, most of the constraints for completing real estate transactions at those sites are eliminated. As a result, many unused or underused properties may be restored to economically productive or community beneficial uses. The VCP database is maintained by the Texas Commission on Environmental Quality.

WMRF Recycling Facilities

VERSION DATE: 10/2011

This listing of recycling facilities is provided by the Texas Commission on Environmental Quality's Recycle Texas Online service. The company information provided in this database is self-reported. Since recyclers post their own information, a facility or company appearing on the list does not imply that it is in compliance with TCEQ regulations or other applicable laws.



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ENVIRONMENTAL RECORDS DEFINITIONS - TRIBAL

INDIANRES Indian Reservations

VERSION DATE: 1/2000

The Department of Interior and Bureau of Indian Affairs maintains this database that includes American Indian Reservations, off-reservation trust lands, public domain allotments, Alaska Native Regional Corporations and Recognized State Reservations.

LUSTR06 Leaking Underground Storage Tanks On Tribal Lands

VERSION DATE: 7/2010

This database, provided by the United States Environmental Protection Agency (EPA), contains leaking underground storage tanks on Tribal lands located in EPA Region 6. This region includes the following states: Arkansas, Louisiana, New Mexico, Oklahoma, and Texas.

ODINDIAN Open Dump Inventory on Tribal Lands

VERSION DATE: 11/2006

This Indian Health Service database contains information about facilities and sites on tribal lands where solid waste is disposed of, which are not sanitary landfills or hazardous waste disposal facilities, and which meet the criteria promulgated under section 4004 of the Solid Waste Disposal Act (42 U.S.C. 6944).

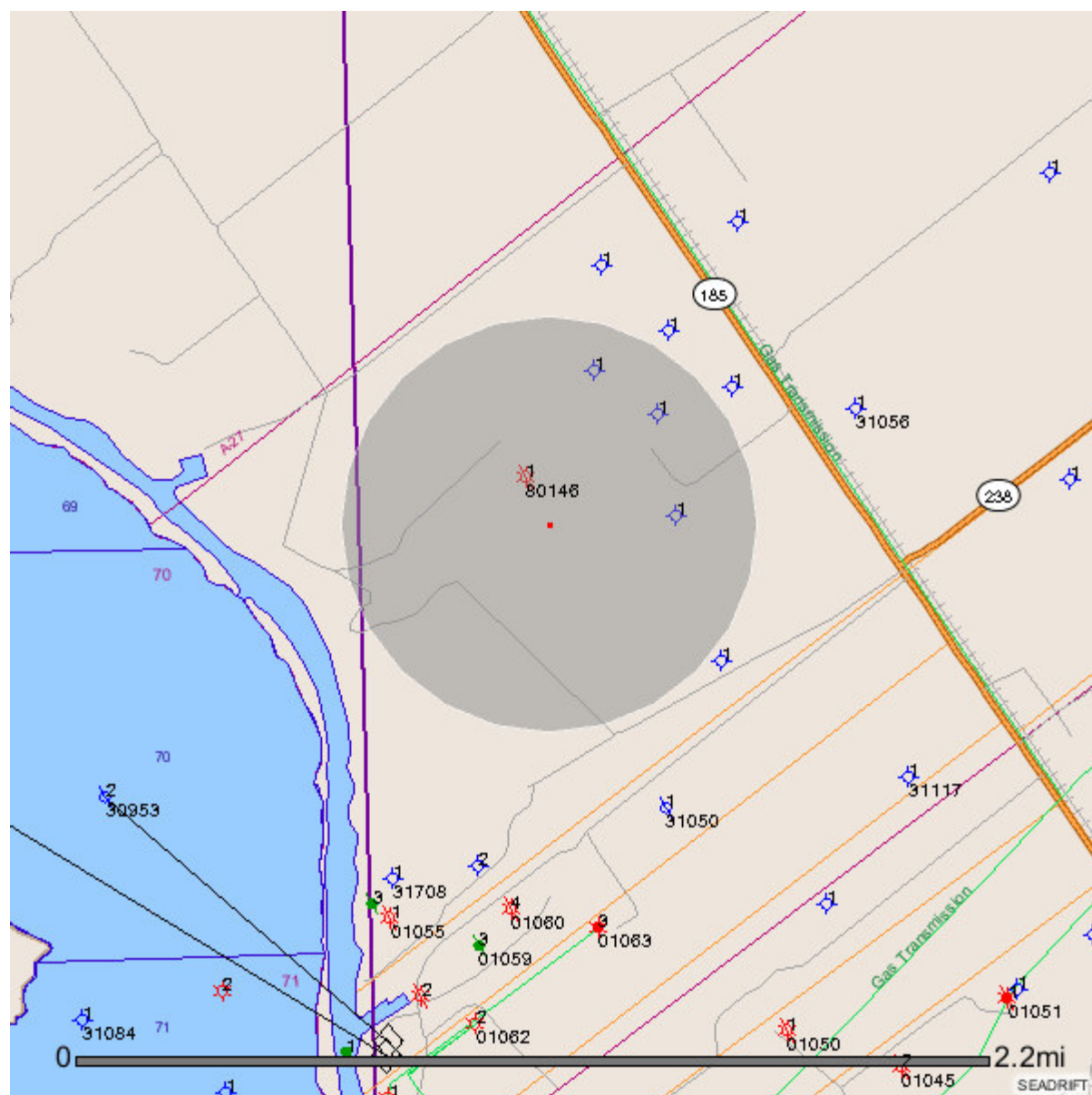
USTR06 Underground Storage Tanks On Tribal Lands

VERSION DATE: 8/2010

This database, provided by the United States Environmental Protection Agency (EPA), contains underground storage tanks on Tribal lands located in EPA Region 6. This region includes the following states: Arkansas, Louisiana, New Mexico, Oklahoma, and Texas.



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PIPELINE ATTRIBUTES

Record #1

OPERATOR	SEADRIFT PIPELINE CORPORATION
CONTACT PHONE NUMBER	3615533005
COMMODITY DESCRIPTION	NATURAL GAS
SYSTEM NAME	LUMAR PIPELINE
SUBSYSTEM NAME	
DIAMETER	4.5
T4PERMIT	00942
T4PERMIT MILES	83.62
P5 NUMBER	761550
COMMODITY	Natural Gas
INTERSTATE	No
SYSTEM TYPE	Gas Transmission
STATUS	Abandoned

GIS Identify Results

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GIS WELLBORE ATTRIBUTES

Record #1

API	057
GIS WELL NUMBER	1
GIS SYMBOL DESCRIPTION	Dry Hole
GIS LOCATION SOURCE	Commission`s hardcopy map
GIS LAT27	28.4352414
GIS LONG27	-96.7358312
GIS LAT83	28.4355214
GIS LONG83	-96.7360916

GIS Identify Results

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GIS WELLBORE ATTRIBUTES

Record #1

API	057
GIS WELL NUMBER	1
GIS SYMBOL DESCRIPTION	Dry Hole
GIS LOCATION SOURCE	Commission`s hardcopy map
GIS LAT27	28.4403927
GIS LONG27	-96.7374785
GIS LAT83	28.4406726
GIS LONG83	-96.7377389

GIS Identify Results

[Print](#)

GIS WELLBORE ATTRIBUTES

Record #1

API	057
GIS WELL NUMBER	1
GIS SYMBOL DESCRIPTION	Dry Hole
GIS LOCATION SOURCE	Commission`s hardcopy map
GIS LAT27	28.4439607
GIS LONG27	-96.7380836
GIS LAT83	28.4442405
GIS LONG83	-96.738344

GIS Identify Results

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GIS WELLBORE ATTRIBUTES

Record #1

API	057
GIS WELL NUMBER	1
GIS SYMBOL DESCRIPTION	Dry Hole
GIS LOCATION SOURCE	Commission`s hardcopy map
GIS LAT27	28.4455523
GIS LONG27	-96.7405334
GIS LAT83	28.445832
GIS LONG83	-96.7407938

GIS Identify Results

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GIS WELLBORE ATTRIBUTES

Record #1

API	057
GIS WELL NUMBER	1
GIS SYMBOL DESCRIPTION	Dry Hole
GIS LOCATION SOURCE	Commission`s hardcopy map
GIS LAT27	28.4448273
GIS LONG27	-96.7350872
GIS LAT83	28.445107
GIS LONG83	-96.7353475

GIS Identify Results

[Print](#)

GIS WELLBORE ATTRIBUTES

Record #1

API	057
GIS WELL NUMBER	1
GIS SYMBOL DESCRIPTION	Dry Hole
GIS LOCATION SOURCE	Commission`s hardcopy map
GIS LAT27	28.4468709
GIS LONG27	-96.737502
GIS LAT83	28.4471506
GIS LONG83	-96.7377623

GIS Identify Results

[Print](#)

GIS WELLBORE ATTRIBUTES

Record #1

API	057
GIS WELL NUMBER	1
GIS SYMBOL DESCRIPTION	Dry Hole
GIS LOCATION SOURCE	Commission`s hardcopy map
GIS LAT27	28.4491675
GIS LONG27	-96.7400927
GIS LAT83	28.4494471
GIS LONG83	-96.7403531

GIS Identify Results

[Print](#)

GIS WELLBORE ATTRIBUTES

Record #1

API	057
GIS WELL NUMBER	1
GIS SYMBOL DESCRIPTION	Dry Hole
GIS LOCATION SOURCE	Commission`s hardcopy map
GIS LAT27	28.4439607
GIS LONG27	-96.7380836
GIS LAT83	28.4442405
GIS LONG83	-96.738344

GIS Identify Results

[Print](#)

GIS WELLBORE ATTRIBUTES

Record #1

API	057
GIS WELL NUMBER	2
GIS SYMBOL DESCRIPTION	Dry Hole
GIS LOCATION SOURCE	Commission`s hardcopy map
GIS LAT27	28.4283478
GIS LONG27	-96.7456482
GIS LAT83	28.4286281
GIS LONG83	-96.7459089

GIS Identify Results

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GIS WELLBORE ATTRIBUTES

Record #1

API	05701055
GIS WELL NUMBER	1
GIS SYMBOL DESCRIPTION	Plugged Gas Well
GIS LOCATION SOURCE	Commission`s hardcopy map
GIS LAT27	28.4266241
GIS LONG27	-96.7491781
GIS LAT83	28.4269044
GIS LONG83	-96.749439

[Operator/Wellbore/PDQ](#)[Well Logs](#)[Drilling Permits](#)

GIS Identify Results

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GIS WELLBORE ATTRIBUTES

Record #1

API	05701057
GIS WELL NUMBER	3
GIS SYMBOL DESCRIPTION	Plugged Oil Well
GIS LOCATION SOURCE	Commission`s hardcopy map
GIS LAT27	28.4271257
GIS LONG27	-96.7499036
GIS LAT83	28.427406
GIS LONG83	-96.7501645

[Operator/Wellbore/PDQ](#)[Well Logs](#)[Drilling Permits](#)

GIS Identify Results

[Print](#)

GIS WELLBORE ATTRIBUTES

Record #1

API	05731708
GIS WELL NUMBER	1
GIS SYMBOL DESCRIPTION	Dry Hole
GIS LOCATION SOURCE	Operator reported location - Distances and Plat
GIS LAT27	28.4279945
GIS LONG27	-96.7490731
GIS LAT83	28.4282748
GIS LONG83	-96.7493339

[Operator/Wellbore/PDQ](#)[Well Logs](#)[Drilling Permits](#)

GIS Identify Results

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GIS WELLBORE ATTRIBUTES

Record #1

API	05780146
GIS WELL NUMBER	1
GIS SYMBOL DESCRIPTION	Plugged Gas Well
GIS LOCATION SOURCE	Commission`s hardcopy map
GIS LAT27	28.4418544
GIS LONG27	-96.7433393
GIS LAT83	28.4421342
GIS LONG83	-96.7435999

[Operator/Wellbore/PDQ](#)[Well Logs](#)[Drilling Permits](#)



LPST Database Query Results

The data was last updated on March 22, 2012.

LPST ID #: 93044	Facility ID #: 0032064
Facility Name: SEADRIFT PLANT	
Discovered: 5/16/1989	Reported: 5/16/1989
Facility Address: HWY 185 , SEADRIFT 77979-	
County: CALHOUN	
TCEQ Region Number and City: 14, CORPUS CHRISTI	
Federal Facility?: N	
Responsible Party: UNION CARBIDE CORP	
Address: PO BOX 186 , PORT LAVACA, TX 77979-	
Contact: MR ROBERT BACKLAND,	Phone: 512 553-2514
Priority Code and Description: 4A, SOIL CONTAMINATION ONLY, REQUIRES FULL SITE ASSESSMENT & RAP	
Status Code and Description: 6A, FINAL CONCURRENCE ISSUED, CASE CLOSED	
Water Contaminated?: N	Depth to Water: 0
Coordinators: Primary: 2 RPR: RPR DISTRICT: SBC	

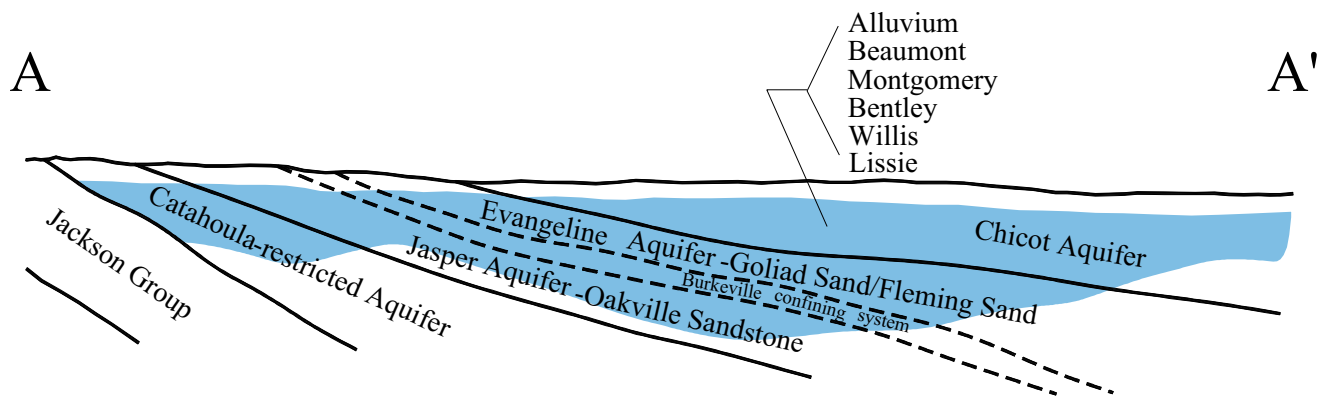
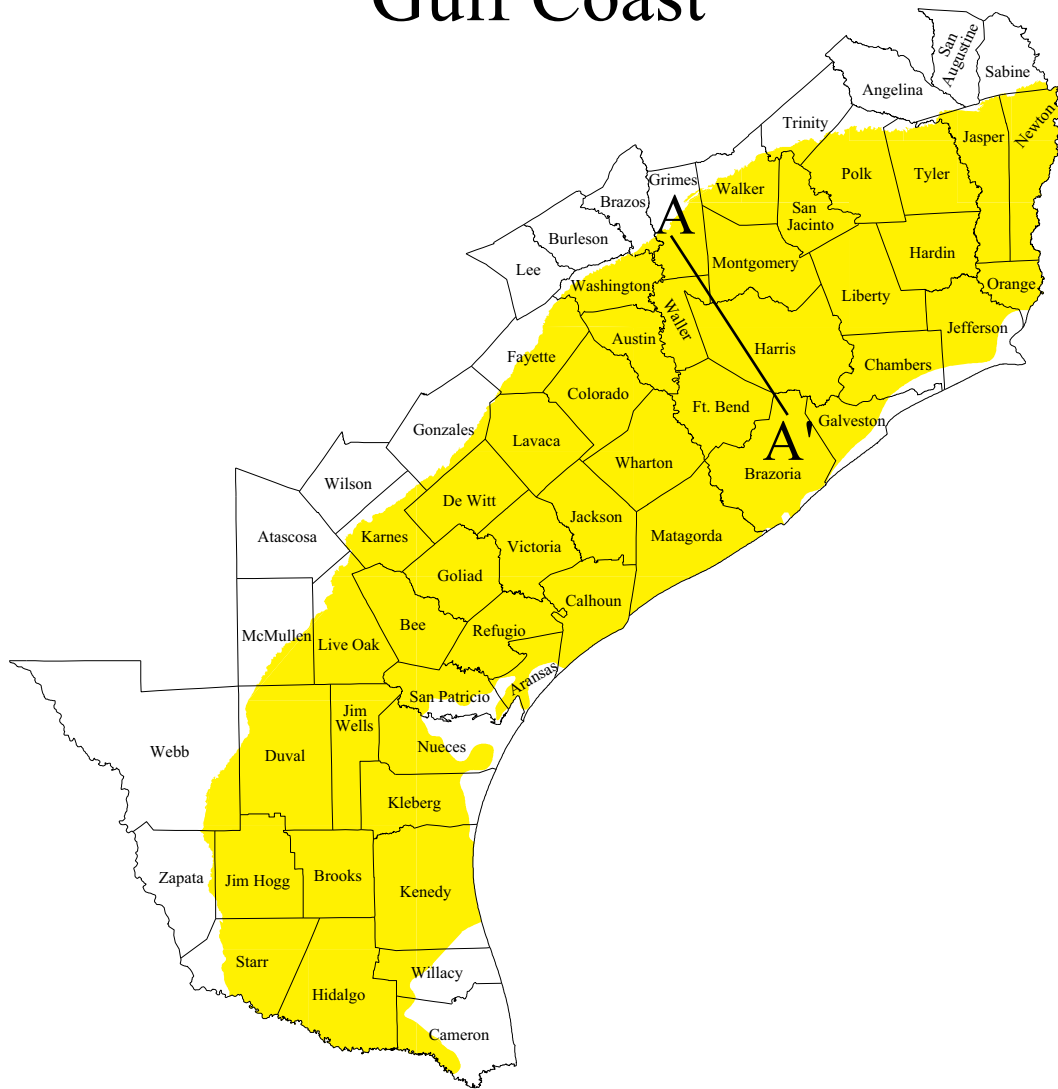
Glossaries of terms used in the [Correspondence Type](#), [TCEQ Action](#), and [Staff](#) columns.

Correspondence						
Correspondence Type	Correspondence Date	Last Action	Current Coord.	TCEQ Action	Action Date	TCEQ Staff
TANK CLSR	3/30/1992			FINAL	7/5/1989	REG
Run a new query.						

[Contact us](#) if you have any questions.

Last Modified: January 9, 2012

Gulf Coast



Gulf Coast Aquifer

The Gulf Coast aquifer forms a wide belt along the Gulf of Mexico from Florida to Mexico. In Texas, the aquifer provides water to all or parts of 54 counties and extends from the Rio Grande northeastward to the Louisiana-Texas border. Municipal and irrigation uses account for 90 percent of the total pumpage from the aquifer. The Greater Houston metropolitan area is the largest municipal user, where well yields average about 1,600 gal/min.

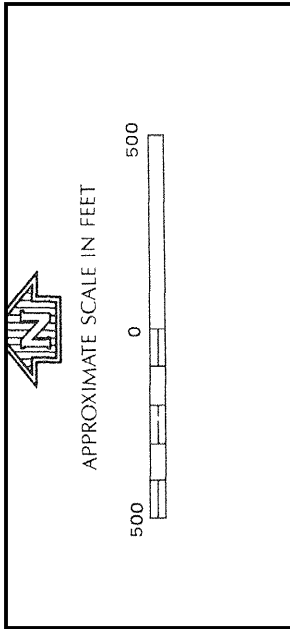
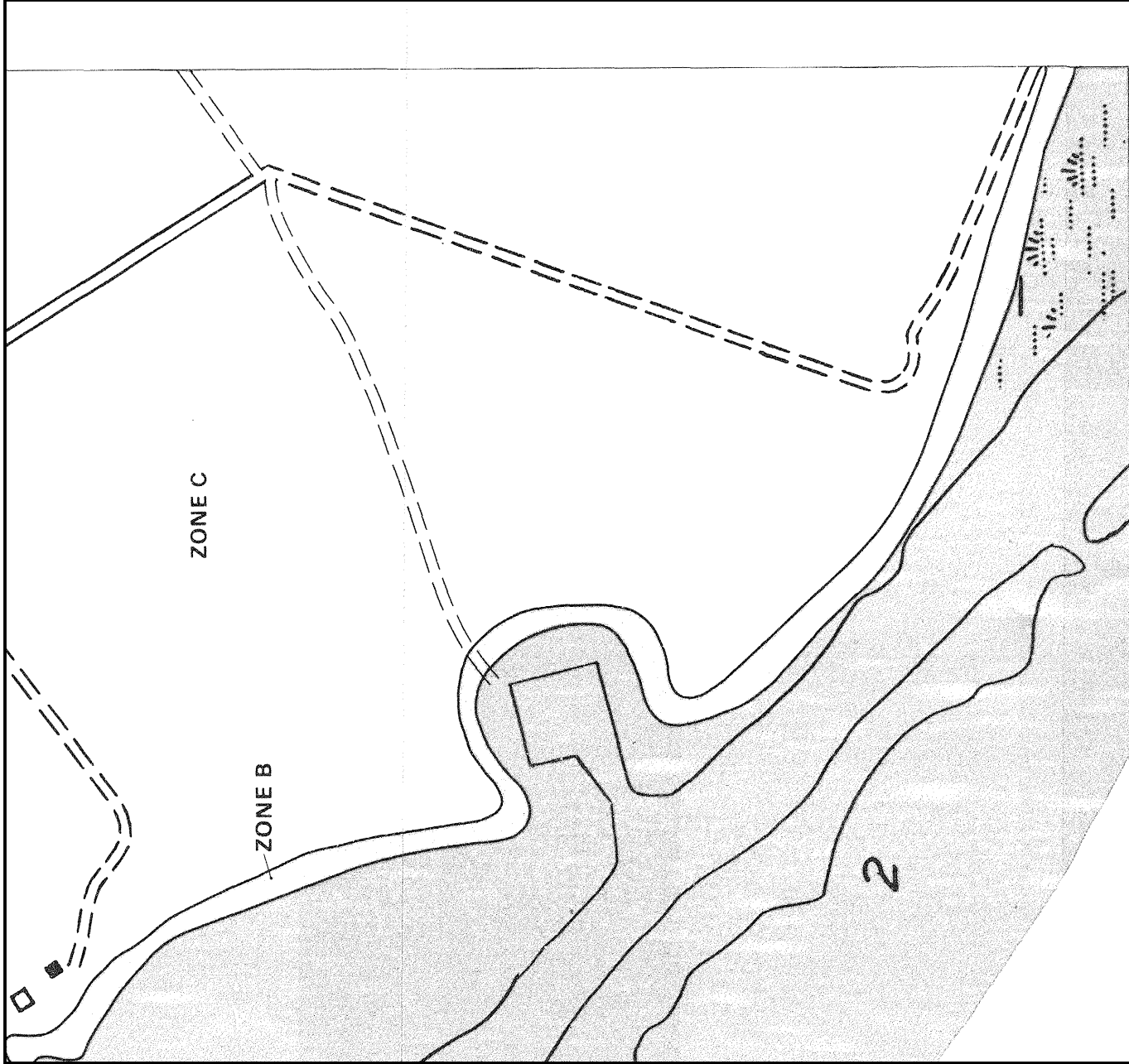
The aquifer consists of complex interbedded clays, silts, sands, and gravels of Cenozoic age, which are hydrologically connected to form a large, leaky artesian aquifer system. This system comprises four major components consisting of the following generally recognized water-producing formations. The deepest is the Catahoula, which contains ground water near the outcrop in relatively restricted sand layers. Above the Catahoula is the Jasper aquifer, primarily contained within the Oakville Sandstone. The Burkeville confining layer separates the Jasper from the overlying Evangeline aquifer, which is contained within the Fleming and Goliad sands. The Chicot aquifer, or upper component of the Gulf Coast aquifer system, consists of the Lissie, Willis, Bentley, Montgomery, and Beaumont formations, and overlying alluvial deposits. Not all formations are present throughout the system, and nomenclature often differs from one end of the system to the other. Maximum total sand thickness ranges from 700 feet in the south to 1,300 feet in the northern extent.


Water quality is generally good in the shallower portion of the aquifer. Ground water containing less than 500 mg/l dissolved solids is usually encountered to a maximum depth of 3,200 feet in the aquifer from the San Antonio River Basin northeastward to Louisiana. From the San Antonio River Basin southwestward to Mexico, quality deterioration is evident in the form of increased chloride concentration and saltwater encroachment along the coast. Little of this ground water is suitable for prolonged irrigation due to either high salinity or alkalinity, or both. In several areas at or near the coast, including Galveston Island and the central and southern parts of Orange County, heavy municipal or industrial pumpage had previously caused an updip migration, or saltwater intrusion, of poor-quality water into the aquifer. Recent reductions in pumpage here have resulted in a stabilization and, in some cases, even improvement of ground-water quality.

Years of heavy pumpage for municipal and manufacturing use in portions of the aquifer have resulted in areas of significant water-level decline. Declines of 200 feet to 300 feet have been measured in some areas of eastern and southeastern Harris and northern Galveston counties. Other areas of significant water-level declines include the Kingsville area in Kleberg County and portions of Jefferson, Orange, and Wharton counties. Some of these declines have resulted in compaction of dewatered clays and significant land surface subsidence. Subsidence is generally less than 0.5 foot over most of the Texas coast, but has been as much as nine feet in Harris and surrounding counties. As a result, structural damage and flooding have occurred in many low-lying areas along Galveston Bay in Baytown, Texas City, and Houston. Conversion to surface-water use in many of the problem areas has reversed the decline trend.

References

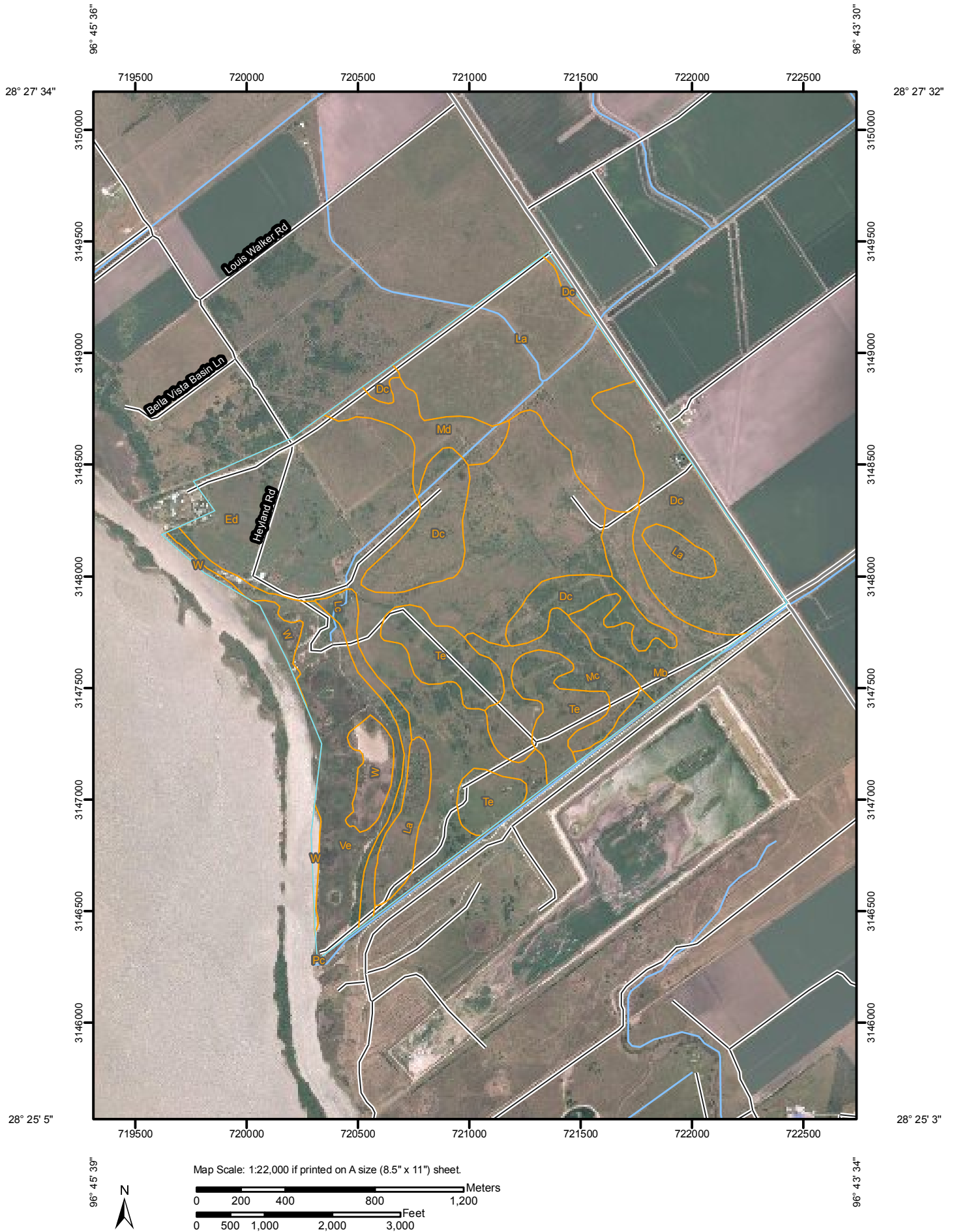
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NATIONAL FLOOD INSURANCE PROGRAM	
FIRM FLOOD INSURANCE RATE MAP	
CALHOUN COUNTY, TEXAS (UNINCORPORATED AREAS)	
PANEL 179 OF 365	
COMMUNITY-PANEL NUMBER 480097 0179D	MAP REVISED: NOVEMBER 7, 2001
	
Federal Emergency Management Agency	

This is an official copy of a portion of the above referenced flood map. It was extracted using F-MIT On-Line. This map does not reflect changes or amendments which may have been made subsequent to the date on the title block. For the latest product information about National Flood Insurance Program flood maps check the FEMA Flood Map Store at www.msc.fema.gov

Soil Map—Calhoun County, Texas
(Guadalupe Delta Bay Resort)



MAP LEGEND

Area of Interest (AOI)		
	Area of Interest (AOI)	
Soils		
	Soil Map Units	
Special Point Features		
	Blowout	
	Borrow Pit	
	Clay Spot	
	Closed Depression	
	Gravel Pit	
	Gravelly Spot	
	Landfill	
	Lava Flow	
	Marsh or swamp	
	Mine or Quarry	
	Miscellaneous Water	
	Perennial Water	
	Rock Outcrop	
	Saline Spot	
	Sandy Spot	
	Severely Eroded Spot	
	Sinkhole	
	Slide or Slip	
	Sodic Spot	
	Spoil Area	
	Stony Spot	
	Very Stony Spot	
	Wet Spot	
	Other	
Special Line Features		
	Gully	
	Short Steep Slope	
	Other	
Political Features		
	Cities	
Water Features		
	Streams and Canals	
Transportation		
	Rails	
	Interstate Highways	
	US Routes	
	Major Roads	
	Local Roads	

MAP INFORMATION

Map Scale: 1:22,000 if printed on A size (8.5" x 11") sheet.

The soil surveys that comprise your AOI were mapped at 1:20,000.

Please rely on the bar scale on each map sheet for accurate map measurements.

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL: <http://websoilsurvey.nrcs.usda.gov>
Coordinate System: UTM Zone 14N NAD83

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Calhoun County, Texas
Survey Area Data: Version 6, Oct 26, 2009

Date(s) aerial images were photographed: Data not available.

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Map Unit Legend

Calhoun County, Texas (TX057)			
Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
Dc	Dacosta-Contee complex, 0 to 1 percent slopes	162.6	15.6%
Ed	Edna very vine sandy loam	347.3	33.4%
La	Laewest clay, 0 to 1 percent slopes	177.0	17.0%
Lc	Laewest clay, 3 to 8 percent slopes, eroded	21.1	2.0%
Mb	Dacosta clay loam, 0 to 1 percent slopes	50.9	4.9%
Mc	Dacosta clay loam, low	47.3	4.6%
Md	Contee-Dacosta complex	31.3	3.0%
Pc	Placedo clay	0.0	0.0%
Te	Telferner very fine sandy loam	77.8	7.5%
Ve	Veston soils	94.1	9.1%
W	Water	30.1	2.9%
Totals for Area of Interest		1,039.3	100.0%

Map Unit Description (Brief, Generated)

The map units delineated on the detailed soil maps in a soil survey represent the soils or miscellaneous areas in the survey area. The map unit descriptions in this report, along with the maps, can be used to determine the composition and properties of a unit.

A map unit delineation on a soil map represents an area dominated by one or more major kinds of soil or miscellaneous areas. A map unit is identified and named according to the taxonomic classification of the dominant soils. Within a taxonomic class there are precisely defined limits for the properties of the soils. On the landscape, however, the soils are natural phenomena, and they have the characteristic variability of all natural phenomena. Thus, the range of some observed properties may extend beyond the limits defined for a taxonomic class. Areas of soils of a single taxonomic class rarely, if ever, can be mapped without including areas of other taxonomic classes. Consequently, every map unit is made up of the soils or miscellaneous areas for which it is named and some minor components that belong to taxonomic classes other than those of the major soils.

The Map Unit Description (Brief, Generated) report displays a generated description of the major soils that occur in a map unit. Descriptions of non-soil (miscellaneous areas) and minor map unit components are not included. This description is generated from the underlying soil attribute data.

Additional information about the map units described in this report is available in other Soil Data Mart reports, which give properties of the soils and the limitations, capabilities, and potentials for many uses. Also, the narratives that accompany the Soil Data Mart reports define some of the properties included in the map unit descriptions.

Report—Map Unit Description (Brief, Generated)

Calhoun County, Texas

Map Unit: Dc—Dacosta-Contee complex, 0 to 1 percent slopes

Component: Dacosta (60%)

The Dacosta component makes up 60 percent of the map unit. Slopes are 0 to 1 percent. This component is on gilgai on flats on coastal plains. The parent material consists of clayey fluviomarine deposits of Late Pleistocene age. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is moderately well drained. Water movement in the most restrictive layer is low. Available water to a depth of 60 inches is high. Shrink-swell potential is high. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 1 percent. This component is in the R150AY526TX Blackland 24-44" Pz ecological site. Nonirrigated land capability classification is 2w. This soil does not meet hydric criteria. The calcium carbonate equivalent within 40 inches, typically, does not exceed 3 percent. The soil has a slightly sodic horizon within 30 inches of the soil surface.

Component: Contee (30%)

The Contee component makes up 30 percent of the map unit. Slopes are 0 to 1 percent. This component is on gilgai puffs on flats on coastal plains. The parent material consists of clayey fluviomarine deposits of Late Pleistocene age. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is somewhat poorly drained. Water movement in the most restrictive layer is low. Available water to a depth of 60 inches is high. Shrink-swell potential is high. This soil is not flooded. It is not ponded. A seasonal zone of water saturation is at 24 inches during January, February, March, April, September, October, November, December. Organic matter content in the surface horizon is about 2 percent. This component is in the R150AY526TX Blackland 24-44" Pz ecological site. Nonirrigated land capability classification is 3w. This soil does not meet hydric criteria. The calcium carbonate equivalent within 40 inches, typically, does not exceed 20 percent. The soil has a slightly sodic horizon within 30 inches of the soil surface.

Component: Unnamed, hydric minor components (5%)

Generated brief soil descriptions are created for major components. The Unnamed soil is a minor component.

Component: Unnamed, minor components (5%)

Generated brief soil descriptions are created for major components. The Unnamed soil is a minor component.

Map Unit: Ed—Edna very vine sandy loam**Component:** Edna (85%)

The Edna component makes up 85 percent of the map unit. Slopes are 0 to 1 percent. This component is on flats on coastal plains. The parent material consists of loamy fluviomarine deposits of Late Pleistocene age. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is somewhat poorly drained. Water movement in the most restrictive layer is low. Available water to a depth of 60 inches is moderate. Shrink-swell potential is high. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 2 percent. This component is in the R150AY528TX Claypan Prairie 28-44" Pz ecological site. Nonirrigated land capability classification is 3w. Irrigated land capability classification is 3w. This soil does not meet hydric criteria. The calcium carbonate equivalent within 40 inches, typically, does not exceed 5 percent.

Component: Unnamed, hydric minor components (10%)

Generated brief soil descriptions are created for major components. The Unnamed soil is a minor component.

Map Unit: La—Laewest clay, 0 to 1 percent slopes

Component: Laewest (90%)

The Laewest component makes up 90 percent of the map unit. Slopes are 0 to 1 percent. This component is on gilgai on flats on coastal plains. The parent material consists of clayey fluviomarine deposits of Late Pleistocene age. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is moderately well drained. Water movement in the most restrictive layer is low. Available water to a depth of 60 inches is high. Shrink-swell potential is very high. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 4 percent. This component is in the R150AY526TX Blackland 24-44" Pz ecological site. Nonirrigated land capability classification is 2w. Irrigated land capability classification is 2w. This soil does not meet hydric criteria. The calcium carbonate equivalent within 40 inches, typically, does not exceed 3 percent. The soil has a slightly sodic horizon within 30 inches of the soil surface.

Component: Dacosta (7%)

Generated brief soil descriptions are created for major components. The Dacosta soil is a minor component.

Component: Contee (3%)

Generated brief soil descriptions are created for major components. The Contee soil is a minor component.

Map Unit: Lc—Laewest clay, 3 to 8 percent slopes, eroded**Component:** Laewest, eroded (95%)

The Laewest, eroded component makes up 95 percent of the map unit. Slopes are 3 to 8 percent. This component is on gilgai on flats on coastal plains. The parent material consists of clayey fluviomarine deposits of Late Pleistocene age. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is moderately well drained. Water movement in the most restrictive layer is low. Available water to a depth of 60 inches is high. Shrink-swell potential is very high. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 4 percent. This component is in the R150AY526TX Blackland 24-44" Pz ecological site. Nonirrigated land capability classification is 4e. This soil does not meet hydric criteria. The calcium carbonate equivalent within 40 inches, typically, does not exceed 3 percent. The soil has a slightly sodic horizon within 30 inches of the soil surface.

Map Unit: Mb—Dacosta clay loam, 0 to 1 percent slopes**Component:** Dacosta (85%)

The Dacosta component makes up 85 percent of the map unit. Slopes are 0 to 1 percent. This component is on gilgai on flats on coastal plains. The parent material consists of clayey fluviomarine deposits of Late Pleistocene age. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is moderately well drained. Water movement in the most restrictive layer is low. Available water to a depth of 60 inches is high. Shrink-swell potential is high. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 1 percent. This component is in the R150AY526TX Blackland 24-44" Pz ecological site. Nonirrigated land capability classification is 2w. This soil does not meet hydric criteria. The calcium carbonate equivalent within 40 inches, typically, does not exceed 3 percent. The soil has a slightly sodic horizon within 30 inches of the soil surface.

Component: Bacliff (5%)

Generated brief soil descriptions are created for major components. The Bacliff soil is a minor component.

Map Unit: Mc—Dacosta clay loam, low

Component: Dacosta, low (85%)

The Dacosta, low component makes up 85 percent of the map unit. Slopes are 0 to 1 percent. This component is on gilgai on flats on coastal plains. The parent material consists of clayey fluviomarine deposits of Late Pleistocene age. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is moderately well drained. Water movement in the most restrictive layer is low. Available water to a depth of 60 inches is high. Shrink-swell potential is high. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 1 percent. This component is in the R150AY526TX Blackland 24-44" Pz ecological site. Nonirrigated land capability classification is 2w. This soil does not meet hydric criteria. The calcium carbonate equivalent within 40 inches, typically, does not exceed 3 percent. The soil has a slightly sodic horizon within 30 inches of the soil surface.

Component: Unnamed, hydric minor components (5%)

Generated brief soil descriptions are created for major components. The Unnamed soil is a minor component.

Map Unit: Md—Contee-Dacosta complex

Component: Contee (48%)

The Contee component makes up 48 percent of the map unit. Slopes are 1 to 3 percent. This component is on gilgai puffs on flats on coastal plains. The parent material consists of clayey fluviomarine deposits of Late Pleistocene age. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is somewhat poorly drained. Water movement in the most restrictive layer is low. Available water to a depth of 60 inches is high. Shrink-swell potential is high. This soil is not flooded. It is not ponded. A seasonal zone of water saturation is at 24 inches during January, February, March, April, September, October, November, December. Organic matter content in the surface horizon is about 2 percent. This component is in the R150AY526TX Blackland 24-44" Pz ecological site. Nonirrigated land capability classification is 3e. This soil does not meet hydric criteria. The calcium carbonate equivalent within 40 inches, typically, does not exceed 20 percent. The soil has a slightly sodic horizon within 30 inches of the soil surface.

Component: Dacosta (44%)

The Dacosta component makes up 44 percent of the map unit. Slopes are 1 to 3 percent. This component is on gilgai on flats on coastal plains. The parent material consists of clayey fluviomarine deposits of Late Pleistocene age. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is moderately well drained. Water movement in the most restrictive layer is low. Available water to a depth of 60 inches is high. Shrink-swell potential is high. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 1 percent. This component is in the R150AY526TX Blackland 24-44" Pz ecological site. Nonirrigated land capability classification is 3e. This soil does not meet hydric criteria. The calcium carbonate equivalent within 40 inches, typically, does not exceed 3 percent. The soil has a slightly sodic horizon within 30 inches of the soil surface.

Component: Unnamed, hydric minor components (8%)

Generated brief soil descriptions are created for major components. The Unnamed soil is a minor component.

Map Unit: Pc—Placedo clay

Component: Placedo (95%)

The Placedo component makes up 95 percent of the map unit. Slopes are 0 to 1 percent. This component is on flood plains on delta plains on coastal plains. The parent material consists of clayey over loamy alluvium of Holocene age. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is very poorly drained. Water movement in the most restrictive layer is low. Available water to a depth of 60 inches is low. Shrink-swell potential is high. This soil is frequently flooded. It is occasionally ponded. A seasonal zone of water saturation is at 0 inches during January, February, March, April, May, June, July, August, September, October, November, December. Organic matter content in the surface horizon is about 6 percent. This component is in the R150BY550TX Salt Marsh 40+" Pz ecological site. Nonirrigated land capability classification is 7w. This soil meets hydric criteria. The calcium carbonate equivalent within 40 inches, typically, does not exceed 3 percent. The soil has a strongly saline horizon within 30 inches of the soil surface. The soil has a strongly sodic horizon within 30 inches of the soil surface.

Map Unit: Te—Telferner very fine sandy loam

Component: Telferner (95%)

The Telferner component makes up 95 percent of the map unit. Slopes are 0 to 1 percent. This component is on meander scrolls on coastal plains. The parent material consists of loamy fluviomarine deposits of Late Pleistocene age. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is moderately well drained. Water movement in the most restrictive layer is low. Available water to a depth of 60 inches is moderate. Shrink-swell potential is high. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 1 percent. This component is in the R150AY535TX Loamy Prairie 28-40" Pz ecological site. Nonirrigated land capability classification is 2w. This soil does not meet hydric criteria. The calcium carbonate equivalent within 40 inches, typically, does not exceed 1 percent.

Component: Unnamed, hydric minor components (5%)

Generated brief soil descriptions are created for major components. The Unnamed soil is a minor component.

Map Unit: Ve—Veston soils

Component: Veston (100%)

The Veston component makes up 100 percent of the map unit. Slopes are 0 to 1 percent. This component is on barrier flats on barrier islands. The parent material consists of eolian sands of Holocene age overlying loamy eolian deposits and/or alluvium of Quaternary age. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is poorly drained. Water movement in the most restrictive layer is moderately low. Available water to a depth of 60 inches is low. Shrink-swell potential is low. This soil is frequently flooded. It is not ponded. A seasonal zone of water saturation is at 12 inches during January, February, March, April, May, June, July, August, September, October, November, December. Organic matter content in the surface horizon is about 1 percent. This component is in the R150BY551TX Salty Prairie 26-48" Pz ecological site. Nonirrigated land capability classification is 6w. This soil meets hydric criteria. The calcium carbonate equivalent within 40 inches, typically, does not exceed 3 percent. The soil has a moderately saline horizon within 30 inches of the soil surface. The soil has a slightly sodic horizon within 30 inches of the soil surface.

Map Unit: W—Water

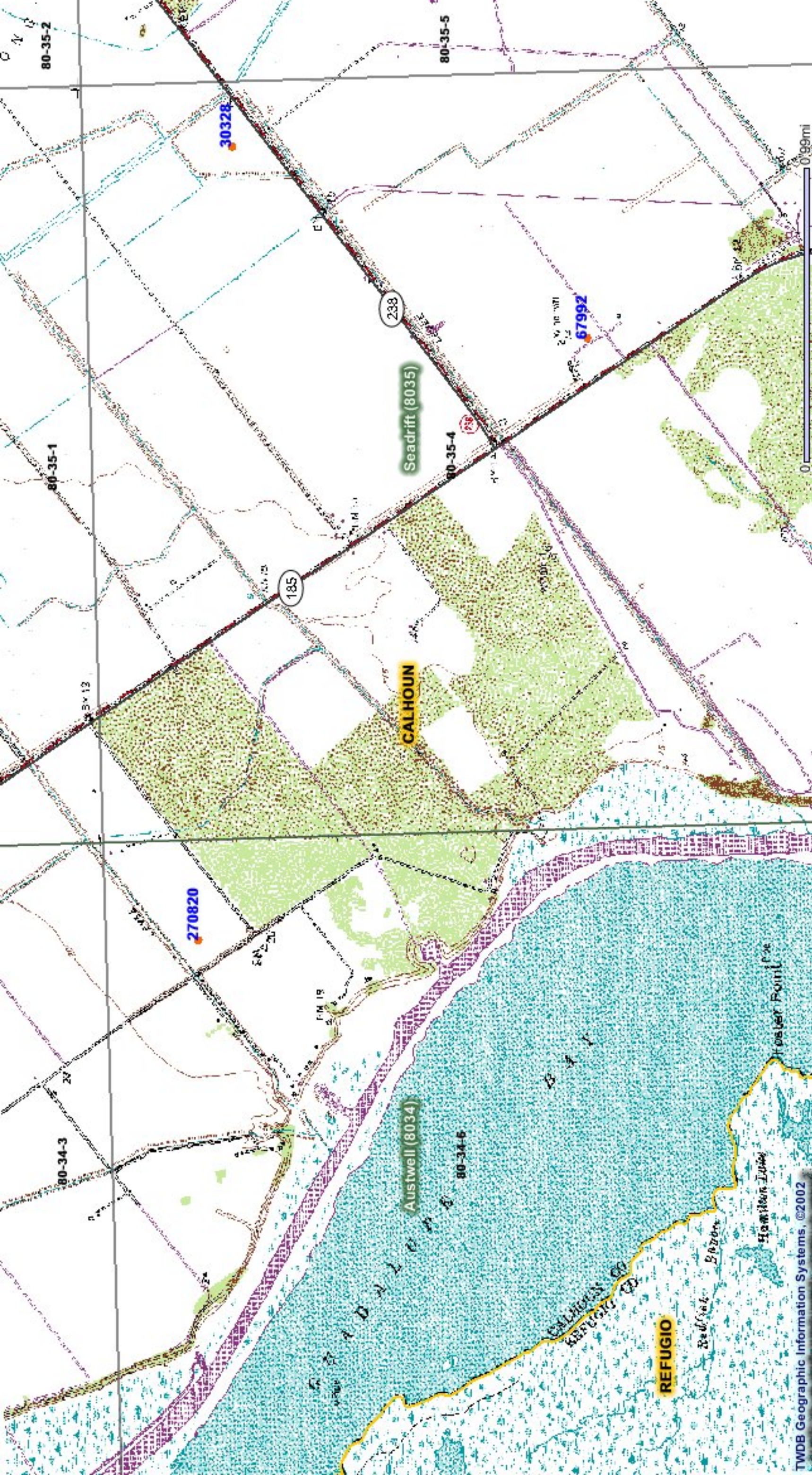
Component: Water (100%)

Generated brief soil descriptions are created for major soil components. The Water is a miscellaneous area.

Data Source Information

Soil Survey Area: Calhoun County, Texas

Survey Area Data: Version 6, Oct 26, 2009



APPENDIX 6 HISTORICAL INFORMATION

[Send To Printer](#) [Back To MSR Maps](#) [Change to 8.5x11 Print Size](#) [Show Grid Lines](#) [Change to Portrait](#)

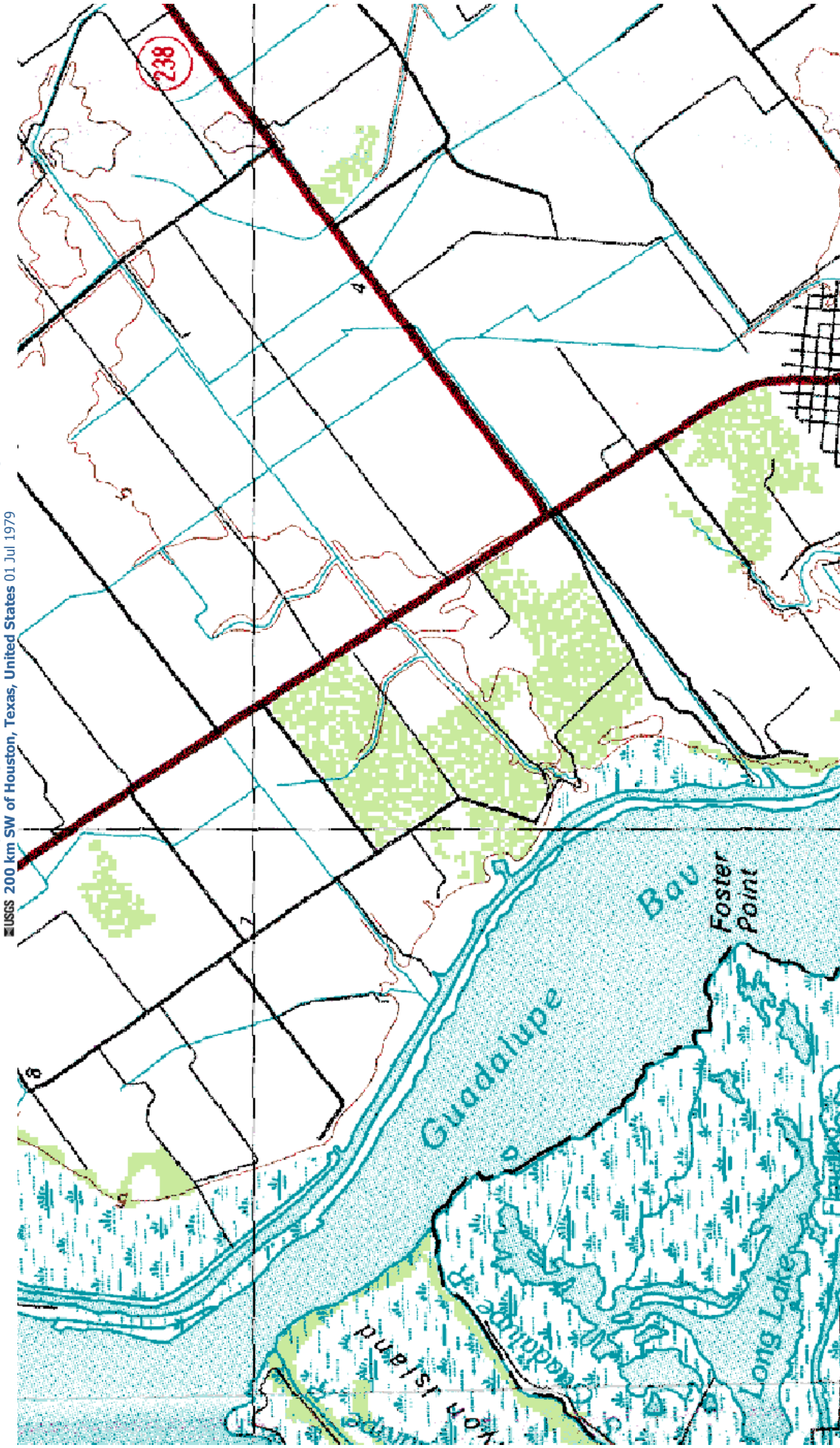


Image courtesy of the U.S. Geological Survey

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Site: GUALDAUPE DELTA BAY RESORT, LLC
Source: USGS
Date: 04-24-10
County: CALHOUN, TX
Scale: 1" = 1500'



Site: GUALDAUPE DELTA BAY RESORT, LLC
Source: USDA
Date: 2004
County: CALHOUN, TX
Scale: 1" = 1500'



Site: GUALDAUPE DELTA BAY RESORT, LLC
Source: USGS
Date: 1996
County: CALHOUN, TX
Scale: 1" = 1500'





Site: GUALDAUPE DELTA BAY RESORT, LLC
Source: USGS
Date: 01-21-79
County: CALHOUN, TX
Scale: 1" = 1500'



Site: GUALDAUPE DELTA BAY RESORT, LLC
Source: ASCS
Date: 12-15-64
County: CALHOUN, TX
Scale: 1" = 1500'

APPENDIX 7 ADDITIONAL REFERENCES

[illegible]

DRAWN BY
J.H.D.

CHECKED BY
H.A.D.

DATE:
FEB. 25, 200

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ENGINEERING • SURVEYING • ARCHITECTURE • PLANNING
G & W ENGINEERS, INC.

205 W. LIVE OAK ST.
PORT LAVACA, TEXAS 77799 (361)552-4509

451.63 ACRE SURVEY
MIGUEL CASTILLO SURVEY
ABSTRACT NO. 7

CALHOUN COUNTY, TEXAS

FILE NO.:
3873-001
JOB NO.:
3873-001
SHEET NO.:
3873-001

451.63 ACRE SURVEY
MIGUEL CASTILLO SURVEY
ABSTRACT NO. 7
CALHOUN COUNTY, TEXAS

BEING THE SAME PROPERTY DESCRIBED
AS TRACT 1, TRACT 2 AND TRACT 3
IN SPECIAL WARRANTY DEED DATED
JULY 24, 2000 FROM ELIZABETH MARIE
HARDY TO G. P. HARDY, III RECORDED
IN VOLUME 258, PAGE 834 OF THE
OFFICIAL RECORDS OF CALHOUN
COUNTY, TEXAS.

I, HENRY A. DANTSH, REGISTERED PROFESSIONAL LAND
SURVEYOR, DO HEREBY CERTIFY THAT THE FIELD SURVEY
AND A FIELDNOTE DESCRIPTION PREPARED BY ME
AND A FIELDNOTE DESCRIPTION PREPARED BY ME
RESULT OF A SURVEY MADE ON THE GROUND UNDER MY
DIRECTION IN JANUARY AND FEBRUARY OF 2005.

HENRY A. DANTSH
REGISTERED PROFESSIONAL
LAND SURVEYOR NO. 5088

MEANDERS ALONG EXISTING BARGE CANAL R.O.W. & DEED CALL SHORELINE OF THE GUADALUPE BAY		
LINE	BEARING	DISTANCE
L1	N16°44'37"E	608.07'
L2	N06°13'58"W	241.00'
L3	N02°55'02"E	437.00'
L4	N09°12'02"E	550.40'
L5	N02°16'57"E	375.52'
L6	N73°37'44"W	38.80'
L7	N11°47'44"W	180.00'
L8	N06°32'16"E	324.50'
L9	N21°03'44"W	174.30'
L10	N07°56'44"W	304.94'

DRAWN BY
J.H.D.

CHECKED BY
H.A.D.

DATE:
FEB. 25, 200

SCALE:
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FILE NO.:
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AND A FIELDNOTE DESCRIPTION PREPARED AND PRESENTED
THE RESULT OF A SURVEY MADE ON THE GROUND UNDER MY
DIRECTION IN JANUARY AND FEBRUARY OF 2005.

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L7	N11°47'44"W	180.00'
L8	N06°32'16"E	324.50'
L9	N21°03'44"W	174.30'
L10	N07°56'44"W	304.94'



185

Seadrift
1034+ ac

SEADRIFT



SEADRIFT



To Victoria

185

To Port O'Connor

185

Seadrift

San
Antonio
Bay



SEADRIFT

APPENDIX 8 QUALIFICATIONS

QUALIFICATIONS OF THE ENVIRONMENTAL PROFESSIONAL

Environmental Professional: Kevin C. Casler

Work Experience History: Mr. Casler's work experience spans over 22 years of engineering construction materials testing and inspections, and environmental consulting practices.

Mr. Casler gained his practical construction materials and geotechnical experience while employed for 6 years by a national engineering testing laboratory, Professional Service Industries (PSI) from 1985 until 1991. His work experience includes soils laboratory experience for construction materials and geotechnical engineering testing, and field inspections for Private, Federal, and Municipal construction projects.

Following his departure from PSI, Mr. Casler was employed by Malcolm Pirnie, Inc. (MPI), a national and international environmental consulting firm, for 16 years. His work experience included Phase I and Phase II Environmental Site Assessments, regulatory agency and client reporting and correspondence, soil and groundwater investigations and remediation, hydro-geological field testing and installation of groundwater monitoring wells, soil borings, underground storage tank design for installations and upgrades, and UST removals and release determination reporting to the Texas Commission on Environmental Quality (TCEQ).

Mr. Casler has over 22 years of soil and groundwater assessment, investigation, and remediation experience. Mr. Casler holds and maintains his A and B License for UST Installations and Removals with the TCEQ as a "Licensed On-site Supervisor", and participates actively in workshops and presentations for the Texas Commission on Environmental Quality (TCEQ). Mr. Casler is also licensed and experienced in preparation and submittal of TCEQ Release Determination Reports for responsible party remediation (RPR) in Texas.

His full time relevant work expertise in environmental consulting ranges from Federal, State, County, and Municipal government assignments, to industrial, manufacturing, and private industry facilities covering various municipal water and wastewater, soil and groundwater assessment, RCRA compliance inspection, remedial investigation, corrective action, and reporting projects.

His full time relevant work expertise in Phase I Environmental Site Assessments (ESA), Phase II ESAs, soil and groundwater assessments, and source identification exceeds the 10 year experience requirement mandated by the Small Business Administration to perform Phase I Environmental Site Assessments (ESAs) in accordance with the ASTM Standard Procedure for Phase I ESAs, and the Environmental Protection Agency's (EPA) All Appropriate Inquiry (AAI) standard procedure.

Professional references are available upon request.