

EXHIBIT X

PHASE I ENVIRONMENTAL SITE ASSESSMENT

PHASE I ENVIRONMENTAL SITE ANALYSIS

For

An Eastern Portion of Rigolets Estates

In

St. Tammany Parish, LA

Prepared for

**The Estate of Fred Sigur
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By

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PHASE I ENVIRONMENTAL SITE ASSESSMENT

Rigolets Estates, St. Tammany Parish, Louisiana

1. EXECUTIVE SUMMARY

This Phase I Environmental Site Assessment (Ph I ESA) of an eastern portion of Rigolets Estates (hereafter referred to as the Site) located in a portion of Section 37, T 10S – R 14E and Section 37, T 10S – R 15E, Ward 8, St. Tammany Parish, Louisiana. The Site includes single family residential portion identified as P-10 and the area identified as the Marina Area as shown the Rigolets Estates Conceptual Land Use Plan of November 2007.

The assessment was conducted by personnel of Krebs, LaSalle, LeMieux Consultants, Inc. (Krebs-LaSalle) following the guide lines promulgated by the American Society of Testing Materials (ASTM) and published in their document, *ASTM Standards of Environmental Site Assessments for Commercial Real Estate, E 1527-05* (hereafter referred to as “ASTM E 1527-05 Standard). The area addressed in this assessment includes the Site and a 1.0-mile wide buffer where necessary as required by the ASTM E 1527-05 Standard.

On the basis of our analysis of the information collected, our conclusion is that there is a low (de minimis) to non-existent risk for there having been an on-site release of hazardous or toxic materials and a moderate to low risk for there having been any contamination of the site by hazardous or toxic materials from neighboring sources.

RECOGNIZED ENVIRONMENTAL CONDITIONS

The goal of the ASTM is to identify Recognized Environmental Conditions (RECs), as defined in the ASTM E 1527-05 Standard and Section 2 of this document.

The ASTM E 1527-05 Standard requires an opinion of the potential impacts of RECs identified on a site during a Ph I ESA. Our opinion is rendered with respect to a REC’s potential impact (high, medium, low, or unknown). As stated in the ASTM E 1527-05 Standard, “frequently items initially suspected to be recognized environmental conditions are subsequently determined, upon further evaluation, to not be considered a recognized environmental condition.” Additionally, our opinion is limited by the conditions prevailing at the time our work is performed.

During the Ph I ESA, Krebs-LaSalle identified no REC associated with the Site.

ADDITIONAL INFORMATION

There are two concerns found in the vicinity of the Site which are depicted in the Radius and Data Search Report, Exhibit B. These included a No Longer Reported Underground Storage Tank (NLRUST) a quarter of a mile from the center of the site and a Historical Leaking

Underground Storage Tank (HLUST) a half a mile from the center of the site. Both of these were located on the eastern side of US Highway 90 near the marinas.

There are 27 water wells or monitor wells within on half mile from the center of the site. Ten of these wells have been plugged and many of the others are shown to be for domestic or commercial water supply.

Discussions with people at the marinas on the eastern side of US Highway 90 did not indicate any concerns or knowledge that would be a concern for the Site.

Additionally, Louisiana One Call should be contacted (1-800-272-3020) prior to any construction to locate any underground utility services.

2. **INTRODUCTION**

This section includes information regarding the authorization for the Phase I Environmental Site Assessment (Ph I ESA) of an eastern portion of Rigolets Estates (hereafter referred to as the Site) located in a portion of Section 37, T 10S – R 14E and Section 37, T 10S – R 15E, Ward 8, St. Tammany Parish, Louisiana, and a statement of methodology employed in the assessment with the limitations either recognized or imposed.

2.1 **AUTHORIZATION**

This report describes the results of a Ph I ESA conducted on the Site in a portion of Section 37, T 10S – R 14E and Section 37, T 10S – R 15E, Ward 8, St. Tammany Parish, Louisiana. Krebs-LaSalle conducted this assessment under the authorization from the Estate of Fred Sigur. The scope of the assessment consisted of two broad tasks; a records search which was performed by GeoSearch with a supplemental search conducted by Krebs-LaSalle, and a detailed site reconnaissance performed by Krebs-LaSalle, including interviews with individuals associated with the property.

2.2 **PURPOSE**

The purpose of performing a Ph I ESA is to investigate the commercial real estate with respect to the range of contaminants within the scope of the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) and petroleum products. As such, the Ph I ESA is intended to satisfy one of the requirements to qualify for the “Innocent Landowner Defense” to CERCLA liability; That is, the practices that constitute “all appropriate inquiry into the previous ownership and uses of the property consistent with good commercial or customary practice” as defined in 42 USC § 9601 (35) (B).

Specifically, the purposes of this assessment are to:

1. Review past and current land use for indications of the generation, use, storage and/or disposal of hazardous substances at the subject site;
2. Evaluate the potential for soil and ground water contamination resulting from past and present land use activities at the site; and
3. Render the findings and professional opinions regarding the potential for contamination at the site.

2.3 **LIMITATIONS AND EXCEPTIONS OF ASSESSMENT**

This assessment does not address whether requirements *in addition to appropriate inquiry* have been met in order to qualify for CERCLA’s innocent landowner defense. It does not address requirements of any state or local laws or of any federal laws other than the *appropriate inquiry provisions* of CERCLA’s innocent landowner defense. It is possible that federal, state, and local laws may impose environmental assessment obligations beyond the scope of this assessment. It is also possible that there may be other legal obligations with regard to hazardous substances or

petroleum products, which may be discovered on the property, that are not addressed in this assessment and that may pose risks of civil and/or criminal sanctions for non-compliance. The ASTM standards adhered to in this assessment are strictly limited in scope to identify, for informational purposes, certain environmental conditions (not an all-inclusive list) that may exist on a property that may warrant consideration by parties to a commercial real estate transaction. For example, buried debris may exist and was not found due to the limitations of the Phase I process.

Krebs-LaSalle has made a diligent effort to identify recognized environmental conditions on the Site following procedures identified in the questionnaire contained in Appendix G. Krebs-LaSalle certifies that the field inspection and photographs, completed during the site visit, accurately describe the conditions at the Site as of the site visit on October 25, 2010. Krebs-LaSalle does not warrant that these findings have remained unchanged since then. In addition, this Ph I ESA does not cover the non-scope items (not an all inclusive list), according to the Standard, “asbestos containing building materials, radon, lead base paint, lead in drinking water, wetlands, regulatory compliance, cultural and historic resources, industrial hygiene, health and safety, ecological resources, endangered species, indoor air quality, biological health and safety, biological agents and mold.” Also, no analytical sampling was conducted as a part of this investigation.

Discussions with people at the marinas on the eastern side of US Highway 90 did not indicate any concerns or knowledge that would be a concern for the Site. Conveyance records for all tracts could not be identified and reviewed.

2.4 METHODOLOGY USED AND RECOGNIZED LIMITATIONS

Krebs-LaSalle has made all reasonable efforts to conduct this assessment in accordance with, and following, the established good site assessment practices that satisfy the due diligence responsibilities of participants in commercial and real estate transactions as developed and promulgated by the American Society of Testing and Materials (ASTM). This report constitutes a statement of professional judgment only. It is not to be construed as a guarantee, or warranty as to the potential liability associated with environmental conditions or impacts at the Site. Krebs-LaSalle is not responsible for conditions resulting from information, which was not available, not fully disclosed, or was withheld during the interviews or at the time of the site inspection. Additionally, Krebs-LaSalle is only required to review record information that is *reasonably ascertainable*. According to the Standard, “record information that is *reasonable ascertainable* means (1) information that is publicly available, (2) information that is obtainable from its source within reasonable time and costs constraints, and (3) information that is practically reviewable.” The sampling and analysis of soils, water, air, etc. were not included in this assessment.

The scope of Krebs-LaSalle’s work meets the Phase I ESA requirements prescribed by the ASTM E 1527-05 Standard, i.e., to identify substances that would constitute a recognized environmental condition on the Site. ASTM E 1527-05 Standard defines the term recognized environmental conditions as:

The presence or likely presence of any hazardous substances or petroleum products on a property under conditions that indicate an existing release, a past release, or a material threat of a release of any hazardous substances or petroleum products into structures on the property or into the ground, ground water, or surface water of the property. The term includes hazardous substances or petroleum products even under conditions in compliance with laws. The term is not intended to include de minimus conditions that generally do not present a material risk of harm to public health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies. Conditions determined to be de minimus are not recognized environmental conditions.

Hazardous substances are defined in five federal statutes [42 USC § 9601 (14) (A-F)]. Representative hazardous substances sought on the Site included, but were not limited to: polychlorinated biphenyls (PCB's), chemicals, solvents, heavy metals, and petroleum-based fuels, oils and grease.

Krebs-LaSalle did the following: (1) completed the ASTM questionnaire after conducting an inspection of the Site and a drive-by survey of the surrounding area; (2) reviewed selected aerial photographs and maps for evidence of land use that could be associated with the use, manufacture and/or storage of hazardous substances; and (3) made inquiries to public agencies and researched public records.

The ASTM questionnaire was completed concurrent with the site inspections and is included as Appendix G. The inspection of the Site and surrounding area was conducted on August 10, 2010, by Mr. Stephen Phillippi of Krebs-LaSalle. The ground inspection focused on the search for exposed soil, dead and/or stressed vegetation, and any other unusual characteristics, anomalies, or features that would indicate stress or damage to the landscape cause by hazardous materials. The drive-by inspection was used to establish surrounding land use and identify potential sources of contamination within 1.0-mile of the project site. While there was only limited and superficial viewing of properties on the east side of US Highway 90, we noticed no evidence that would lead to a concern for the Site.

3. **SITE DESCRIPTION**

This section describes the Site, which is the subject of this Environment Site Assessment, including the property description, location, and the physical features of the area.

3.1 **LOCATION AND PROPERTY DESCRIPTION**

The Site is eastern portion of Rigolets Estates (hereafter referred to as the Site) located in a portion of Section 37, T 10S – R 14E and Section 37, T 10S – R 15E, Ward 8, St. Tammany Parish, Louisiana. The Site includes single family residential portion identified as ‘P-10’ and the area identified as the ‘Marina Area’ as shown the Rigolets Estates Conceptual Land Use Plan of

November 2007. The Site is vacant with mowed grass on the majority of the Site. Only the edges of the site along LA Highway 433, US Highway 90, and the Rigolets had any degree of overgrowth. The center of the Site is located at approximately 30° 10' 41.03" N, 89° 43' 42.73" W.

3.2 SITE AND VICINITY CHARACTERISTICS

The Site is generally rectangular in shape and is bordered on the north by Louisiana Highway 433, on the west by the undeveloped portion of Rigolets Estates, on the east by US Highway 90 and on the south by Lake Pontchartrain

The Site shows elevations of between approximately +1 and +4 feet.

3.3 INFORMATION REGARDING ENVIRONMENTAL LIENS, ETC.

At the time this report was completed, Krebs-LaSalle had no knowledge of a complete Chain of Title nor was one provided. Therefore, Krebs-LaSalle could not determine if any environmental liens or any evidence from present or past owners of legal action related to environmental matters relative to the subject property exist.

3.4 CURRENT USE OF THE PROPERTY

The property is currently vacant. No structures were located on the site.

3.5 PAST USES OF THE PROPERTY

Reasonably ascertainable historical sources, including aerial photography and/or infrared imagery from 1945, 1952, 1967, 1971, 1998, and 2009 were reviewed to determine if any previous uses of the property and surrounding area may have lead to a recognized environmental condition. These sources indicate the marsh that originally covered the Site was filled sometime between 1967 and 1971. Photographs of the site from 1967 and prior indicate that the Site was fairly typical marsh. Photographs from 1971 and later indicate that the Site had been filled and no evidence of the marsh appears to remain. Similarly, topographic maps from 1998 and 1993 indicate that the Site has been filled, while those from 1976 (a photorevised 1968 map) indicate that the Site was marsh.

3.6 CURRENT AND PAST USES OF ADJOINING PROPERTIES

Reasonable ascertainable historical sources were reviewed to determine if any previous uses of the adjoining properties may have lead to a recognized environmental condition. These included aerial photography and/or infrared imagery from 1945, 1952, 1967, 1971, 1998, and 2009. The property east of the Site, across US Highway 90, indicate that the area was being developed as marinas or fishing camps as early as the 1952 aerial photograph and the earliest topographic map, 1957. These sources did not reveal any previous uses that could have lead to a REC.

3.7 SITE VICINITY MAP

A vicinity map, included in Appendix A, Figures 1 and 2, depict the property location.

4. RECORDS REVIEW

The records review for this assessment involved the ASTM recommended state and federal databases. A research of the Chain of Title prescribed by the ASTM for a standard Phase I Environmental Site Assessment could not be included in the assessment process.

Typically, a Phase I Environmental Site Assessment is performed on property that is owned or optioned to purchase by a single entity. Most frequently the property under consideration is owned by one entity who obtained it through purchase, inheritance, etc. from other entities. This series of ownerships is referred to a Chain of Title. In performing typical Phase I ESAs, examining the Chain of Title provided by the client is a means of determining if environmentally questionable activities may have occurred on the tract as a result of some previous owner's activities. This could not be completed due to a lack of necessary property information.

4.1 STANDARD ENVIRONMENTAL RECORD SOURCES

GeoSearch conducted a file search of the Louisiana State and Federal databases defined in the ASTM E 1527-05 Standard pertaining to the Site and neighboring properties. A summary of significant findings is listed below in addition to Krebs-LaSalle's supplementary finding. Appendix B contains GeoSearch's complete Electronic Database Search Report. These findings are further described in following sections.

The database search was used to identify properties that may be listed in the referenced agency records, located within ASTM-specified search radii indicated below:

- State no longer reported underground storage tank lists.....0.25 mile
- State historical leaking underground storage tank list.....0.50 mile

4.1.1 **UST List:** Owners of Underground Storage Tanks (UST's) are required to register these structures along with construction information concerning the UST systems with the Louisiana Department of Environmental Quality (LADEQ). The Site does not appear on the LADEQ UST list. Here are 9 UST sites listed within 0.25-miles of the Site.

4.1.2 **LUST List:** The Leaking Underground Storage Tank (LUST) list includes facilities, which have reported a petroleum product or hazardous material release of 25 gallons or more. According to the LADEQ LUST list, there are 3 Leaking Underground Storage Tanks within a 0.5-mile radius of the Site.

4.1.3 **CERCLIS List:** The Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS) list is maintained by the Environmental Protection Agency and includes sites, which are suspected of having chemical

contamination and may require remediation. Many of the CERCLIS sites have not been adequately assessed, but all sites on the National Priority List (NPL) are included on the CERCLIS list. The Site does not appear on the CERCLIS list.

- 4.1.4 **RCRA Info:** Resource Conservation and Recovery Act Information database in Envirofacts, which is maintained by the U. S. Environmental Protection Agency, lists all sites that generate hazardous wastes (RCRAG), and sites, which treat, store, and/or dispose of hazardous wastes (RCRAT). This information was obtained by querying the RCRA Info database.

The Site does not appear on the RCRA Info database and no RCRA CORRACTS (Corrective Action) facilities are located within a 1.0-mile radius of the Site.

Also, there are no non-CORRACTS facilities are documented within a 0.5-mile radius of the Site.

No RCRAGs were documented on the property.

- 4.1.5 **NPL:** The National Priority List (NPL) includes sites identified by the EPA as requiring remediation and clean up. Those sites on the list with the highest priority are referred to as Superfund Sites. The NPL appears in the Code of Federal Regulation (CFR) (EH) 40, Parts 190-399. The Site does not appear on the NPL.
- 4.1.6 **ERNS:** The Emergency Response Notification System (ERNS) is maintained by the National Response Center (NRC). NRC's primary function is to serve as the sole national point of contact for reporting all oil, chemical, radiological, biological, and etiological discharges into the environment anywhere in the United States and its territories. No incidents of hazardous material spills could be confirmed on the property.
- 4.1.7 **Solid Waste Landfills:** There are no Solid Waste Landfills within a 0.5-mile radius of the Site based on LADEQ records searches (landfill permits, air permits, water discharge permits).
- 4.1.8 **Physical Setting:** Maps depicting various aspects of the physical setting are included in Appendix A.
- 4.1.9 **USGS Quad Map:** The critical source required by ASTM to establish the physical setting is the 7.5-minute U.S.G.S. quadrangle map with the area depicted. This is provided in Appendix B.
- 4.1.10 **Soil Survey Map:** Appendix A, Figure 6 is a modified version of the St. Tammany Parish Soil Survey with the property depicted. The soil survey illustrates Aquents (Dredged) Series as being the only soil found on the Site. Because the Soils at the Site were dredged and deposited there is no consistent information available on the soils. These soils consist of material dredged from nearby sources (marshes, swamps, and

waterways). The soils are nearly level to gently sloping and are generally poorly drained. The soil may be variable in texture and range from muck and clay to sand. The soils have a seasonable high water table that is near the surface during wet periods. Permeability is variable. Aquents are not assigned to interpretative groups and there is no consistent morphology.

4.1.11 **Historical Use Information, Chain of Title:** Krebs-LaSalle was not informed of information regarding Chain of Title at the time this document was prepared.

4.1.12 **Aboveground Storage Tanks:** These records were not *reasonably ascertainable* as described in an Appendix G. memorandum.

5 **SITE RECONNAISSANCE AND INTERVIEWS**

An onsite inspection of the Site was made on October 25, 2010. A windshield survey along roads in the area was conducted for potentially hazardous sites within a 1.0-mile radius of the Site. An onsite inspection was conducted on foot of all accessible areas of the Site and adjacent properties. Areas of concern were investigated further, and pictures were taken at these sites. The weather during the Site visit was clear skies, approximately 82°F, with light wind. Inspections and interviews were conducted in accordance to the ASTM E 1527-05 standard pertaining to the Site and neighboring properties. Also, a vicinity map and property maps are in Appendix A and photographs are included in Appendix F.

5.1 **HAZARDOUS SUBSTANCES IN CONNECITON WITH IDENTIFIED USES**

There is no evidence that any identifiable hazardous substances have ever been used, stored, handled, or disposed of on the Site.

5.2 **HAZARDOUS SUBSTANCE IN UNIDENTIFIED CONTAINERS**

There is no evidence of hazardous substances in unidentified containers that may have been used, stored, handled, or disposed of on the Site.

5.3 **STORAGE TANKS**

There is no evidence of any permanent storage tanks of any kind having been used on the Site, nor is there any indication that any leakage from storage tanks has occurred.

5.4 **INDICATIONS OF PCB's**

A field inspection revealed no signs of PCB's present or released on the property. There are no electrical transformers located on the Site.

5.5 INDICATIONS OF SOLID WASTE DISPOSAL

The onsite visual inspection did not reveal any indications of solid waste disposal on the Site.

5.6 PHYSICAL SETTING ANALYSIS

An analysis of the physical setting of the Site was conducted to determine whether or not the migration of hazardous substances onto the Site may be an issue.

From a consideration of the limited amount of hazardous substance producing activities in the area, the Site's location, and the topography present it was determined that the probability of hazardous material migrating onto the Site on the surface and subsurface is moderate to low.

No exposed soil, dead and/or stressed vegetation, or any other unusual characteristics, anomalies, or features that would indicate stress or damage to the landscape caused by hazardous materials were discovered on the Site.

6 FINDINGS AND CONCLUSIONS

Krebs-LaSalle has performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM E 1527-05 Standard for the Site in St. Tammany Parish, Louisiana. The purpose of this assessment was to evaluate the Site's history, existing observable conditions, current Site use, and current and historic uses of surrounding properties to identify the potential presence of Recognized Environmental Conditions (RECs) in connection with the site. No RECs were located for this Site.

These conclusions are based entirely on the activities described in this report. There was no analytical testing of ground water or soil performed; nor were there any testing for the presence of Radon gas, asbestos, or lead as part of this investigation. Also dense vegetation and/or ground cover (leaf litter) created limitations preventing inspection of certain areas.

On the basis of our analysis of the information collected, our conclusion is that there is a low (de minimis) to non-existent risk for there having been an onsite release of hazardous or toxic materials, and a moderate to low risk for there having been any contamination of the Site by hazardous or toxic materials from neighboring sources.

RECOGNIZED ENVIRONMENTAL CONDITIONS

The goal of the ASTM is to identify Recognized Environmental Conditions (RECs), as defined in the ASTM E 1527-05 Standard and in Section 2 of this document.

The ASTM E 1527-05 Standard requires an opinion of the potential impacts of REC(s) identified on a site during a Phase I Environmental Site Assessment. Our opinion is rendered with respect to a REC's potential impact (high, medium, low, or unknown). As stated in the ASTM E 1527-05 Standard, "frequently, items initially suspected to be *recognized environmental conditions* are subsequently determined, upon further evaluation, to not be considered a *recognized*

environmental condition.” Additionally, our opinion is limited by the conditions prevailing at the time our work is performed.

During the Phase I ESA, Krebs-LaSalle identified no REC associated with the Site.

ADDITIONAL INFORMATION

There are two concerns found in the vicinity of the Site which are depicted in the Radius and Data Search Report, Exhibit B. These included no longer reported underground storage tank (NLRUST) and historical leaking underground storage tanks (HLUST).

7 OPINION REGARDING ADDITIONAL APPROPRIATE INVESTIGATION

Krebs-LaSalle is of the opinion that further investigation is not warranted on the Site. If during construction or modification to the Site, soils are found to be stained or fluids are found, these areas should be further investigated. The user must determine what his/her risk tolerances to these items and use their judgment regarding further investigation.

8 DATA GAPS

The following information was unobtainable to Krebs-LaSalle and as part of the requirements of the ASTM E 1527-05 Standard Krebs-LaSalle must include this information:

1. Aerial photographs do not indicate buildings on the site.
2. Krebs-LaSalle had limited access to adjacent properties.

9 QUALIFICATIONS OF ENVIRONMENTAL PROFESSIONALS

Krebs, LaSalle, LeMieux Consultants, Inc. has been involved in environmental documentation and many Phase I Environmental Site Assessments in addition to other environmental consulting services. Mr. Stephen W. Phillippi is a professional engineer registered in both Civil and Environmental Engineering. He holds a Bachelor of Science Degree in Civil Engineering from the University of Southwestern Louisiana (now University of Louisiana Lafayette), 1966, and a Master of Engineering Degree in Civil (Environmental) Engineering from Texas A&M University, 1968. While working as environmental consultant, Mr. Phillippi worked with the U. S. Army Corps of Engineers, Louisiana Department of Transportation and Development, and various private entities on a variety of activities relative to Section 404 of the Clean Water Act, and in environmental assessment and documentation relative to the National Environmental Policy Act and the Comprehensive Environmental Response, Compensation and Liability Act.

Mr. Phillippi is a practicing consultant engineer with in excess of 42-years experience in all phases of Civil Engineering. His experience as an environmental engineer includes closing

contaminated creosote waste ponds, hazardous materials mitigation and elimination, wetland delineations, wetland permitting, water supply and purification, and sewer treatment.

10 **SIGNATURES OF ENVIRONMENTAL PROFESSIONALS**

Stephen W. Phillippi, P.E.
Regional President

PROVIDER DISCLAIMER

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APPENDIX A

MAPS

&

EXHIBITS OF THE PHYSICAL SETTING

LEGEND

SOILS OF THE UPLANDS

Savannah-Ruston: Very gently sloping and gently sloping, moderately well drained and well drained soils that are loamy throughout

SOILS OF THE TERRACES

Gurton-Abita-Brimstone: Level to gently sloping, poorly drained and somewhat poorly drained soils that are loamy throughout

Myak-Stough-Prentiss: Level and very gently sloping, poorly drained to moderately well drained soils that are loamy throughout

Cahaba-Prentiss-Latonia: Very gently sloping and level, well drained and moderately well drained soils that have a loamy surface layer and subsoil

SOILS OF THE FLOOD PLAINS

Arkabula-Rosebloom: Nearly level, somewhat poorly drained and poorly drained soils that are loamy throughout

Ouchita-Bibb: Nearly level, well drained and poorly drained soils that are loamy throughout

SOILS OF THE MARSHES AND SWAMPS THAT ARE FREQUENTLY FLOODED AND PONDED

Larose-Allamands-Kenner: Level, very poorly drained soils that have a mucky surface layer and clayey and mucky underlying material; in fresh-water marshes

Arat: Level, very poorly drained soils that are loamy throughout; in swamps

Clovelly-Lafitte: Level, very poorly drained soils that have a mucky surface layer and clayey and mucky underlying material; in brackish marshes

Barbary-Maurepas: Level, very poorly drained soils that are clayey or mucky throughout; in swamps

SOILS OF THE FORMER MARSHES AND SWAMPS THAT ARE DRAINED AND PROTECTED FROM FLOODING

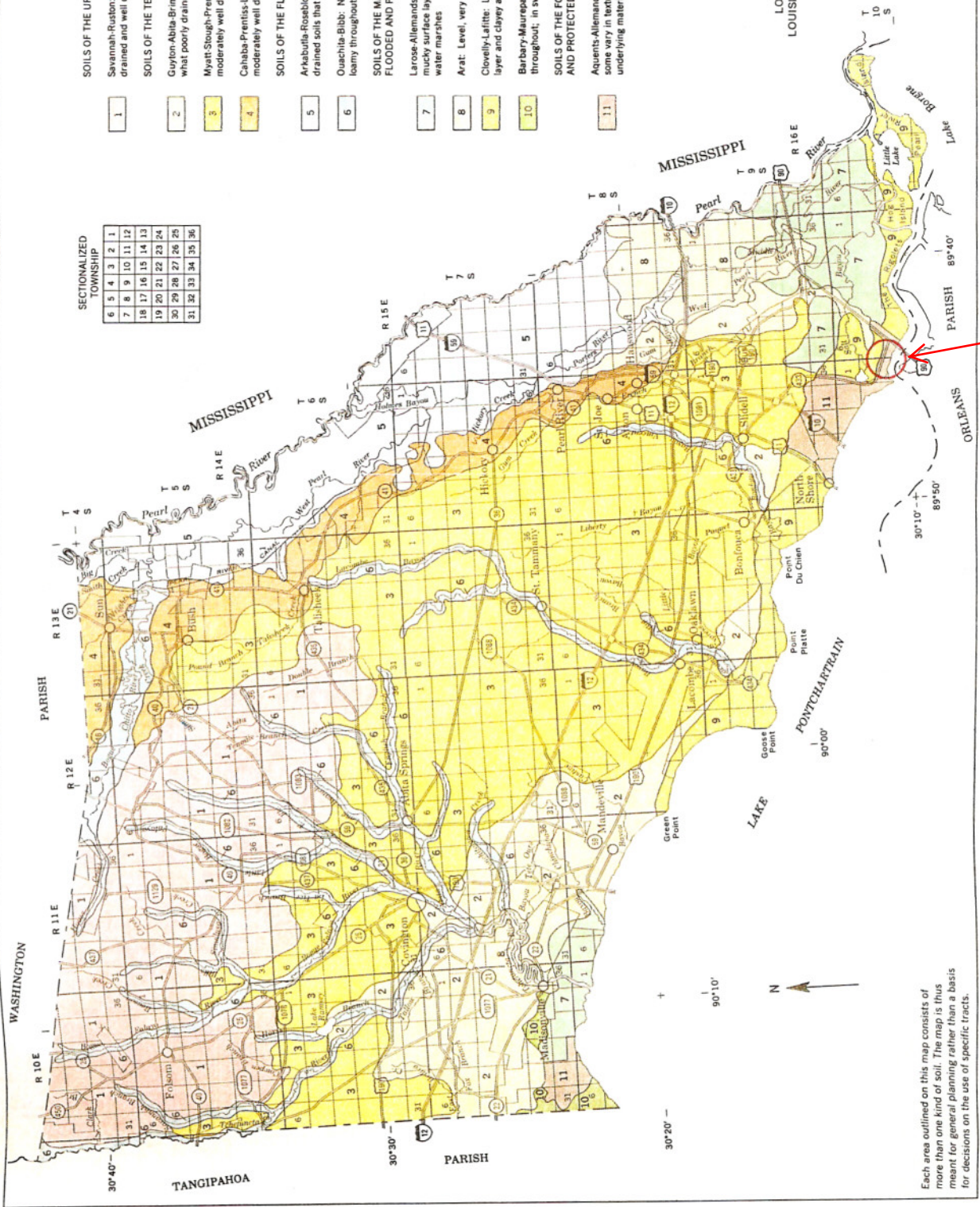
Aquents-Allamands-Harahan: Level to gently sloping, poorly drained soils; some vary in texture throughout, some have a mucky surface layer and clayey underlying material, and some have a clayey surface layer and subsoil

COMPILED 1987

U.S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE
LOUISIANA AGRICULTURAL EXPERIMENT STATION
LOUISIANA SOIL AND WATER CONSERVATION COMMITTEE
GENERAL SOIL MAP
ST. TAMMANY PARISH
LOUISIANA

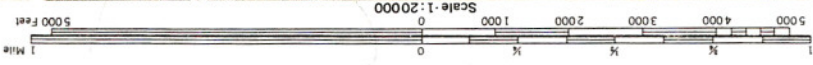


SECTIONALIZED TOWNSHIP					
6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

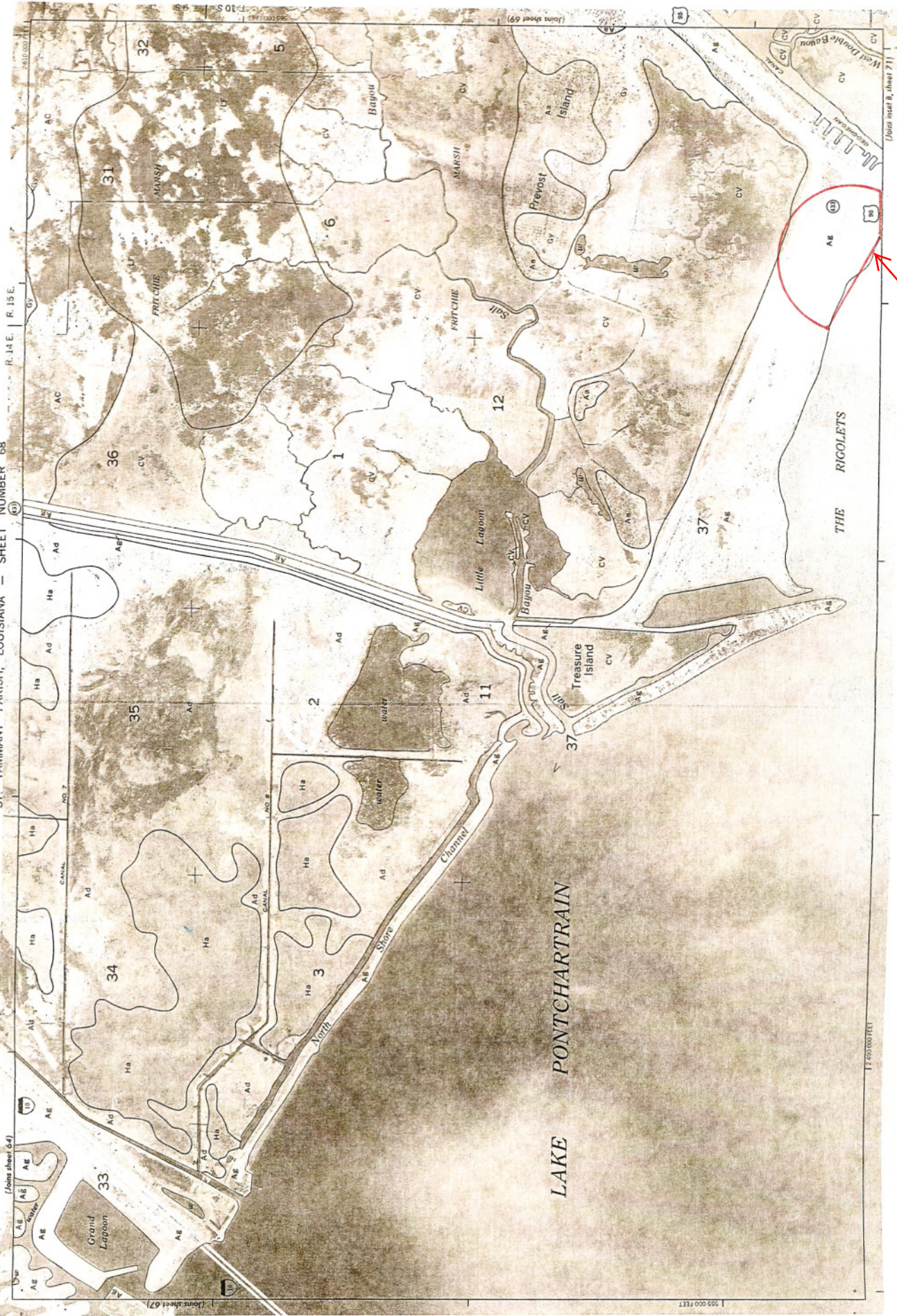


SITE

Each area outlined on this map consists of more than one kind of soil. The map is thus meant for general planning rather than a basis for decisions on the use of specific tracts.



Scale: 1:20000



SITE

This soil survey map was compiled by the U.S. Department of Agriculture, Soil Conservation Service, and cooperating agencies. Base maps are prepared from 1978-1980 aerial photography. Coordinate grid ticks and land division numbers are shown.

(Join to sheet 67)

(Join to sheet 69)

(Join sheet 64)

(Join sheet 67)

1:250,000 FEET

1:500,000 FEET

APPENDIX B

RADIUS

&

ELECTRONIC DATABASE SEARCH REPORT

(ALL DISTANCES ARE THE DISTANCES
REQUIRED BY THE A.S.T.M. GUIDELINES)



GeoPlus Radius Report

<http://www.geo-search.net/QuickMap/index.htm?DataID=Standard0000022868>

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

Target Property:

***An Eastern Portion of Rigolets Estates
Slidell, St. Tammany Parish, Louisiana 70461***

Prepared For:

Krebs LaSalle LeMieux Consultants, Inc.

Order #: 9934

Job #: 22868

Project #: 404-0075

Date: 10/18/2010

TARGET PROPERTY SUMMARY

**An Eastern Portion of Rigolets Estates
Slidell, St. Tammany Parish, Louisiana 70461**

USGS Quadrangle: **Rigolets, LA**

Target Property Geometry: **Point**

Target Property Longitude(s)/Latitude(s):
(-89.730336, 30.178575)

County/Parish Covered:

Orleans (LA), St. Tammany (LA)

Zipcode(s) Covered:

New Orleans LA: 70129

Slidell LA: 70461

State(s) Covered:

LA

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

Zone 3 areas have a predicted average indoor radon screening level less than 2 pCi/L.

Disclaimer - The information provided in this report was obtained from a variety of public sources. GeoSearch cannot ensure and makes no warranty or representation as to the accuracy, reliability, quality, errors occurring from data conversion or the customer's interpretation of this report. This report was made by GeoSearch for exclusive use by its clients only. Therefore, this report may not contain sufficient information for other purposes or parties. GeoSearch and its partners, employees, officers And independent contractors cannot be held liable For actual, incidental, consequential, special or exemplary damages suffered by a customer resulting directly or indirectly from any information provided by GeoSearch.

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	ERNSLA	0	0	Target Property
FACILITY REGISTRY SYSTEM	FRSLA	0	0	Target Property
HAZARDOUS MATERIALS INCIDENT REPORTING SYSTEM	HMIRS06	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	NPDES06	0	0	Target Property
PCB ACTIVITY DATABASE SYSTEM	PADS	0	0	Target Property
PERMIT COMPLIANCE SYSTEM	PCSR06	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
NO FURTHER REMEDIAL ACTION PLANNED SITES	NFRAP	0	0	0.5000



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DATABASE FINDINGS SUMMARY

DATABASE	ACRONYM	LOCA- TABLE	UNLOCA- TABLE	SEARCH RADIUS (miles)
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 (LA)

ASBESTOS DEMOLITION AND RENOVATION NOTIFICATION PROJECTS	ASBESTOS	0	0	Target Property
LISTING OF LOUISIANA DEQ LIENS	LIENS	0	0	Target Property
SPILLS LISTING	SPILLS	0	0	Target Property
WASTE TIRE GENERATOR LIST	WASTETIRE	0	0	Target Property
DRYCLEANING FACILITIES	DCR	0	0	0.2500
NO LONGER REPORTED UNDERGROUND STORAGE TANKS	NLRUST	1	0	0.2500
UNDERGROUND STORAGE TANKS	UST	0	0	0.2500
APPROVED HURRICANE DEBRIS DUMP SITES	ADS	0	0	0.5000
HISTORICAL LEAKING UNDERGROUND STORAGE TANKS	HLUST	1	0	0.5000
SITES WITH CONTROLS	IC	0	0	0.5000
LEAKING UNDERGROUND STORAGE TANKS	LUST	0	0	0.5000



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DATABASE FINDINGS SUMMARY

DATABASE	ACRONYM	LOCA- TABLE	UNLOCA- TABLE	SEARCH RADIUS (miles)
RECYCLING FACILITIES	RCY	0	0	0.5000
SOLID WASTE LANDFILLS	SWLF	0	0	0.5000
VOLUNTARY REMEDIATION PROGRAM SITES	VRP	0	0	0.5000
WASTE PITS	WP	0	0	0.5000
CONFIRMED AND POTENTIAL SITES INVENTORY	CPI	0	0	1.0000
SUB-TOTAL		2	0	

LOCAL

CITY OF NEW ORLEANS MARKETABLE BROWNFIELD PROPERTIES	MBF	0	0	0.5000
CITY OF NEW ORLEANS POTENTIAL BROWNFIELD PROPERTIES	PBF	0	0	0.5000
CITY OF NEW ORLEANS REDEVELOPED CLOSED SERVICE STATIONS	RCSS	0	0	0.5000
SUB-TOTAL		0	0	

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		2	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
<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
ERNSLA		.0200	0	0	0	0	NS	0
FRSLA		.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
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
RCRAT		.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
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 (LA)

ASBESTOS		.0200	0	0	0	0	NS	0
LIENS		.0200	0	0	0	0	NS	0
SPILLS		.0200	0	0	0	0	NS	0
WASTETIRE		.0200	0	0	0	0	NS	0
DCR		.2500	0	0	0	0	NS	0
NLRUST		.2500	0	1	0	0	NS	1
UST		.2500	0	0	0	0	NS	0
ADS		.5000	0	0	0	0	NS	0
HLUST		.5000	0	1	0	0	NS	1
IC		.5000	0	0	0	0	NS	0
LUST		.5000	0	0	0	0	NS	0
RCY		.5000	0	0	0	0	NS	0
SWLF		.5000	0	0	0	0	NS	0
VRP		.5000	0	0	0	0	NS	0
WP		.5000	0	0	0	0	NS	0
CPI		1.000	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
SUB-TOTAL			0	2	0	0	0	2
LOCAL								
MBF		.5000	0	0	0	0	NS	0
PBF		.5000	0	0	0	0	NS	0
RCSS		.5000	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	2	0	0	0	0	2
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NOTES:

NS = NO SEARCH REQUESTED BY CUSTOMER



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RADIUS MAP



- ★ Target Property (TP)
- ◆ HLUST

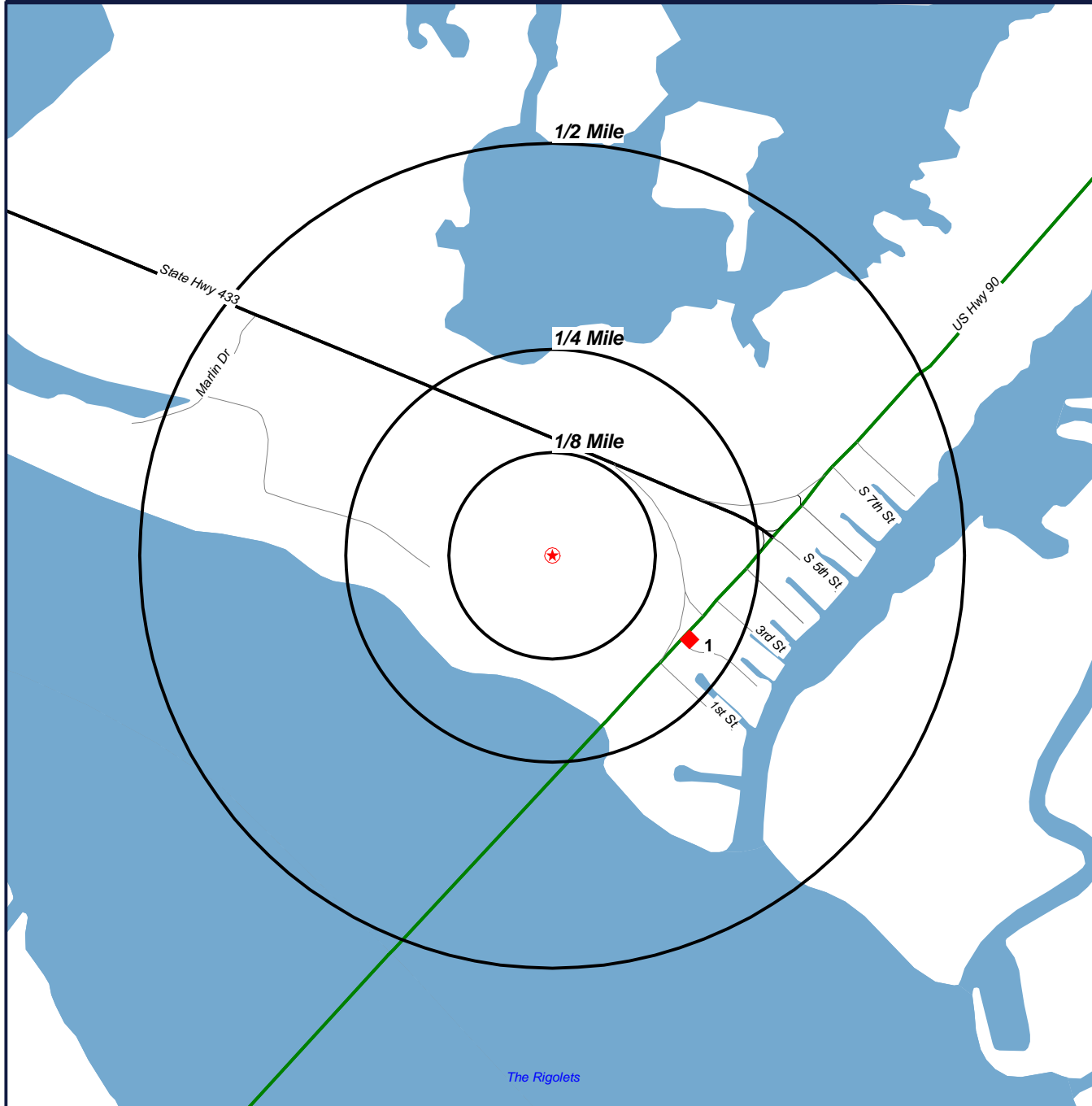
**An Eastern Portion of Rigolets
Estates
Slidell, Louisiana
70461**



GeoSearch

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RADIUS MAP



- ⊛ Target Property (TP)
- ◆ HLUST

**An Eastern Portion of Rigolets
Estates
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ORTHOPHOTO MAP



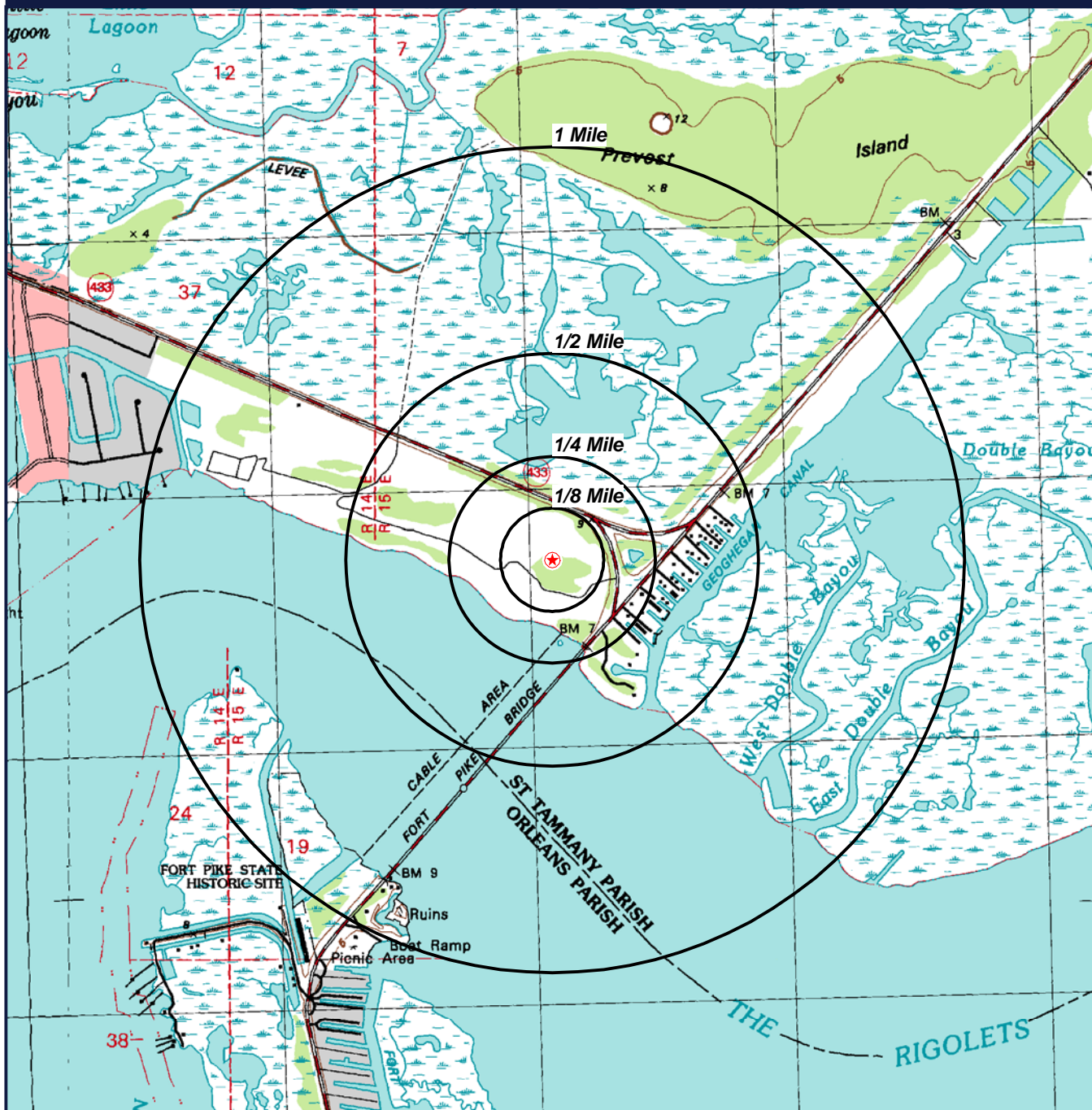
- ⊛ Target Property (TP)
- ◆ HLUST

Quadrangle(s): Rigolets
Source: LOSCO (01/24/1998)
An Eastern Portion of Rigolets
Estates
Slidell, Louisiana
70461



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TOPOGRAPHIC MAP



★ Target Property (TP)

Quadrangle(s): Rigolets
Source: USGS, 1998
An Eastern Portion of Rigolets
Estates
Slidell, Louisiana
70461



GeoSearch

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REPORT SUMMARY OF LOCATABLE SITES

MAP ID#	DATABASE NAME	SITE ID#	DISTANCE FROM SITE	SITE NAME	ADDRESS	CITY, ZIP CODE	PAGE #
1	NLRUST	52-004696	0.196 SE	BOUDREAU (RIGOLETS) MARINA	52250 US HIGHWAY 90	SLIDELL, 70461	1
1	HLUST	52-004696	0.196 SE	BOUDREAU (RIGOLETS) MARINA	52250 US HIGHWAY 90	SLIDELL, 70461	3



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NO LONGER REPORTED UNDERGROUND STORAGE TANKS (NLRUST)

MAP ID# 1

Distance from Property: 0.20 mi. SE

* DATA USED IN THIS REPORT ORIGINATES FROM A NO LONGER ACTIVE FILING SYSTEM OF THE LOUISIANA DEQ. THIS DATA WAS LAST UPDATED IN FEBRUARY OF 2004.

FACILITY INFORMATION

ID#: 52-004696
NAME: BOUDREAUX (RIGOLETS) MARINA
ADDRESS: 52250 US HIGHWAY 90
SLIDELL, LA 70461
PARISH: ST. TAMMANY
REGION: 1
FACILITY OPERATING STATUS: (R) REPLACED
OF TANKS: 3
INDIAN LAND: (.) NOT ON INDIAN LAND
MANAGER NAME: RICHARD SPIEHLER
MANAGER TITLE: NOT REPORTED
MANAGER PHONE: (504) 561-2049
FORM AMENDED: (X) YES
FORM SIGNED BY: BOUDREAUX
TITLE SIGNED BY: PRESIDENT
FROM SIGNED DATE: 02-20-90

OWNER INFORMATION

OWNER ID #: 00678500
NAME: FIRST NATIONAL BANK OF COMMERCE
ADDRESS: 210 BARONNE STREET
NEW ORLEANS, LA 70160
PHONE: 504-561-7050
OWNER OPERATING STATUS: (R) REPLACED

TANK INFORMATION

TANK ID#: 13136
USE: TEMPORARILY OUT OF USE,
INSTALLED: 69/02/20
OPERATING STATUS: NOT REPORTED
EMPTY STATUS: (.) NOT EMPTY
LEAKING: (N) NO
TANK MATERIAL: STEEL
INTERIOR PROTECTION: UNKNOWN
EXTERIOR PROTECTION: PAINTED
PIPING NETWORK: GALVANIZED STEEL

CAPACITY (GAL): 4000
CONTENTS: GASOLINE
REPLACEMENT: (Y) IS A REPLACEMENT

TANK INFORMATION

TANK ID#: 13137
USE: PERMANENTLY OUT OF USE
INSTALLED: 69/02/20
OPERATING STATUS: NOT REPORTED
EMPTY STATUS: (.) NOT EMPTY
LEAKING: (N) NO
TANK MATERIAL: STEEL
INTERIOR PROTECTION: UNKNOWN
EXTERIOR PROTECTION: PAINTED
PIPING NETWORK: GALVANIZED STEEL

CAPACITY (GAL): 4000
CONTENTS: GASOLINE
REPLACEMENT: (Y) IS A REPLACEMENT



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NO LONGER REPORTED UNDERGROUND STORAGE TANKS (NLRUST)

TANK INFORMATION

TANK ID#: 13138 CAPACITY (GAL): 4000
USE: PERMANENTLY OUT OF USE CONTENTS: DIESEL
INSTALLED: 69/02/20 REPLACEMENT: (Y) IS A REPLACEMENT
OPERATING STATUS: NOT REPORTED
EMPTY STATUS: (.) NOT EMPTY
LEAKING: (N) NO
TANK MATERIAL: STEEL
INTERIOR PROTECTION: UNKNOWN
EXTERIOR PROTECTION: PAINTED
PIPING NETWORK: GALVANIZED STEEL

REPLACEMENT INFORMATION

REPLACEMENT DATE: NOT REPORTED REPLACEMENT AGE: NOT REPORTED
REPLACEMENT LEAK: (.) NO LEAK WHEN REPLACED SOIL CONTAMINATION: (.) NOT REPORTED

REPLACEMENT INFORMATION

REPLACEMENT DATE: NOT REPORTED REPLACEMENT AGE: NOT REPORTED
REPLACEMENT LEAK: (.) NO LEAK WHEN REPLACED SOIL CONTAMINATION: (.) NOT REPORTED

REPLACEMENT INFORMATION

REPLACEMENT DATE: NOT REPORTED REPLACEMENT AGE: NOT REPORTED
REPLACEMENT LEAK: (.) NO LEAK WHEN REPLACED SOIL CONTAMINATION: (.) NOT REPORTED

HISTORICAL LEAKING UNDERGROUND STORAGE TANKS (HLUST)

MAP ID# 1

Distance from Property: 0.20 mi. SE

FACILITY INFORMATION

FACILITY ID#: 52-004696

NAME: BOUDREAU (RIGOLETS) MARINA

ADDRESS: 52250 US HIGHWAY 90

SLIDELL, LA 70461

INCIDENT TYPE: NOT REPORTED

SUBSTANCE: NOT REPORTED

QUANTITY: NOT REPORTED

DATE CONFIRMED: NOT REPORTED

REPORTED BY: NOT REPORTED

ASSESSMENT PENDING INFO: N

ASSESSMENT REQUESTED: 14OCT92

ASSESSMENT PLAN DUE: 04JAN93

ASSESSMENT PLAN RECEIVED: 10MAY93

ASSESSMENT APPROVED: 14MAY93

ASSESSMENT COMMENTS:

RESTURANT OWNER NEAR MARINA NOTIFIED UST DIVISION OF STRONG GASOLINE ODORS IN RESTURANT'S KITCHEN. DEQ INSPECTED RESTURANT AND MARINA AND FOUND GASOLINE ODORS AROUND SEW MANHOLE NEAR UST TANK HOLD. PROPERTY TRANSFER ASSESSMENT REVEALED HIGHLY CONTAMINATED SOIL POSSIBLE FREE PHASE.

CORRECTIVE ACTION DUE: 08AUG94

CORRECTIVE ACTION RECEIVED: 26AUG94

CONTRACTOR NAME: APPLIED EARTH SCIENCES, INC.

INCIDENT COMMENTS:

DEQ LETTER 11895 CONT. MONTHLY MONITORING. QTLY REPORTS SUBMITTED. REC'D REQUEST TO SHUT DOWN REMEDIATION SYSTEM DUE TO ACHIEVEMENT OF CLEAN UP GOALS ON 1/29/97.

METHOD OF REMEDIATION: PUMP AND TREATMENT

OWNER INFORMATION

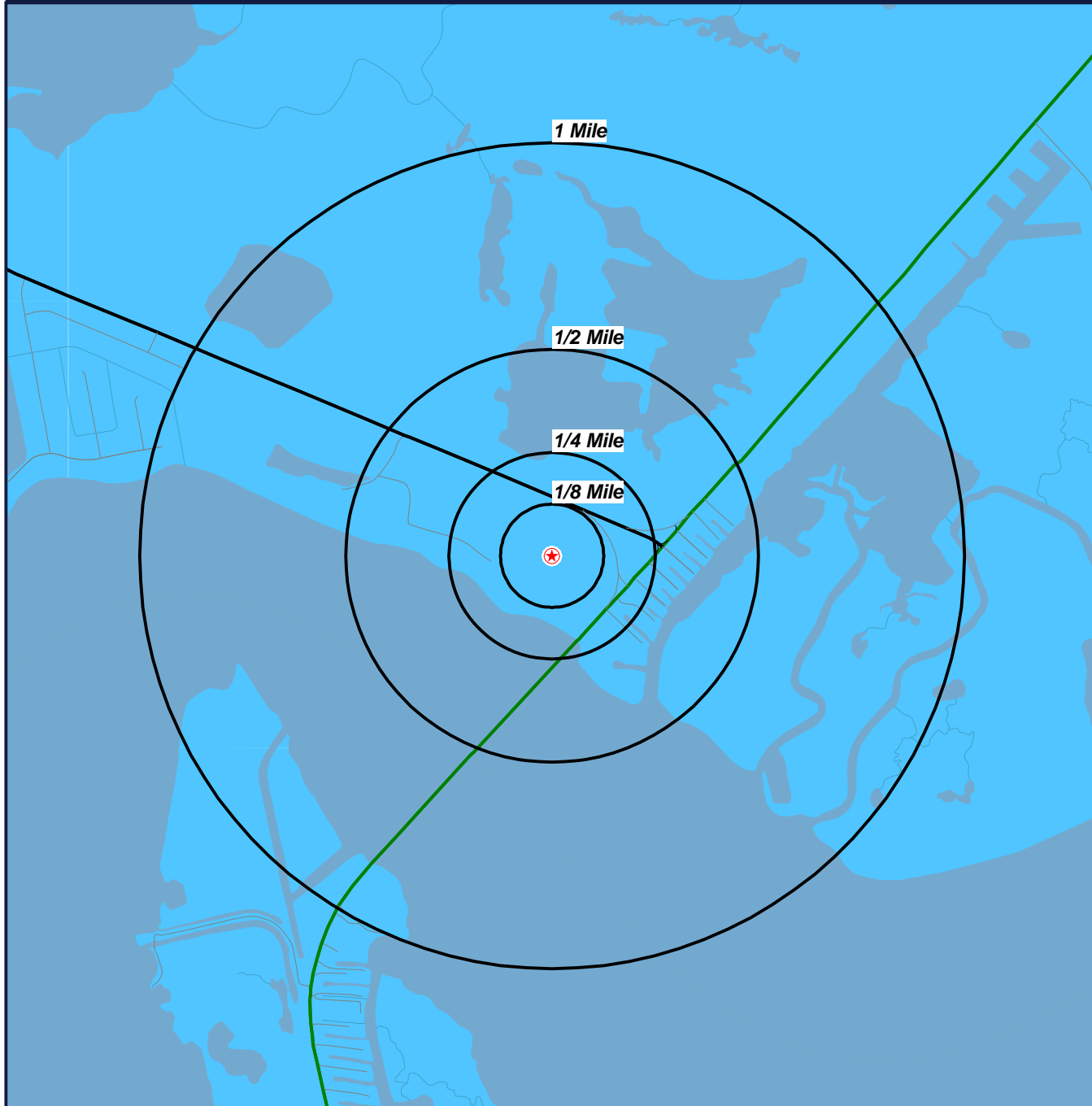
OWNER ID#: 00483900

NAME: BOUDREAU HEBERT COMPANY

ADDRESS: RT. 1 BOX 426

SLIDELL, LA 70461












FEMA MAP



★ Target Property (TP)

**An Eastern Portion of Rigolets
Estates
Slidell, Louisiana
70461**

Panel #: 2252050575D

- | | | | |
|---|------------|---|----------------------------------|
|  | ZONE A |  | ZONE X |
|  | ZONE AE |  | ZONE X500 |
|  | ZONE AH |  | NDA - DIGITAL DATA NOT AVAILABLE |
|  | ZONE ANI | | |
|  | ZONE D | | |
|  | ZONE UNDES | | |
|  | ZONE V | | |
|  | ZONE VE | | |



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FEDERAL EMERGENCY MANAGEMENT AGENCY REPORT

FEMA - Federal Emergency Management Agency

The information used in this report is derived from the Federal Emergency Management Agency (FEMA). The Q3 Flood Data is developed by electronically scanning the current effective map panels of existing paper Flood Insurance Rate Maps (FIRMs). Certain key features are digitally captured and then converted into area features, such as floodplain boundaries. Q3 Flood Data captures certain key features from the existing paper FIRMs, including:

- 100-year and 500-year (1% and 0.2% annual chance) floodplain areas, including Zone V areas, certain floodway areas (when present on the FIRM), and zone designations
- Coastal Barrier Resources Act (COBRA) areas
- FIRM panel areas, including panel number and suffix

This data was last updated between 1996 and 2000 and is available in select counties throughout the United States.

FEMA Flood Zone Definitions Relevant to Map

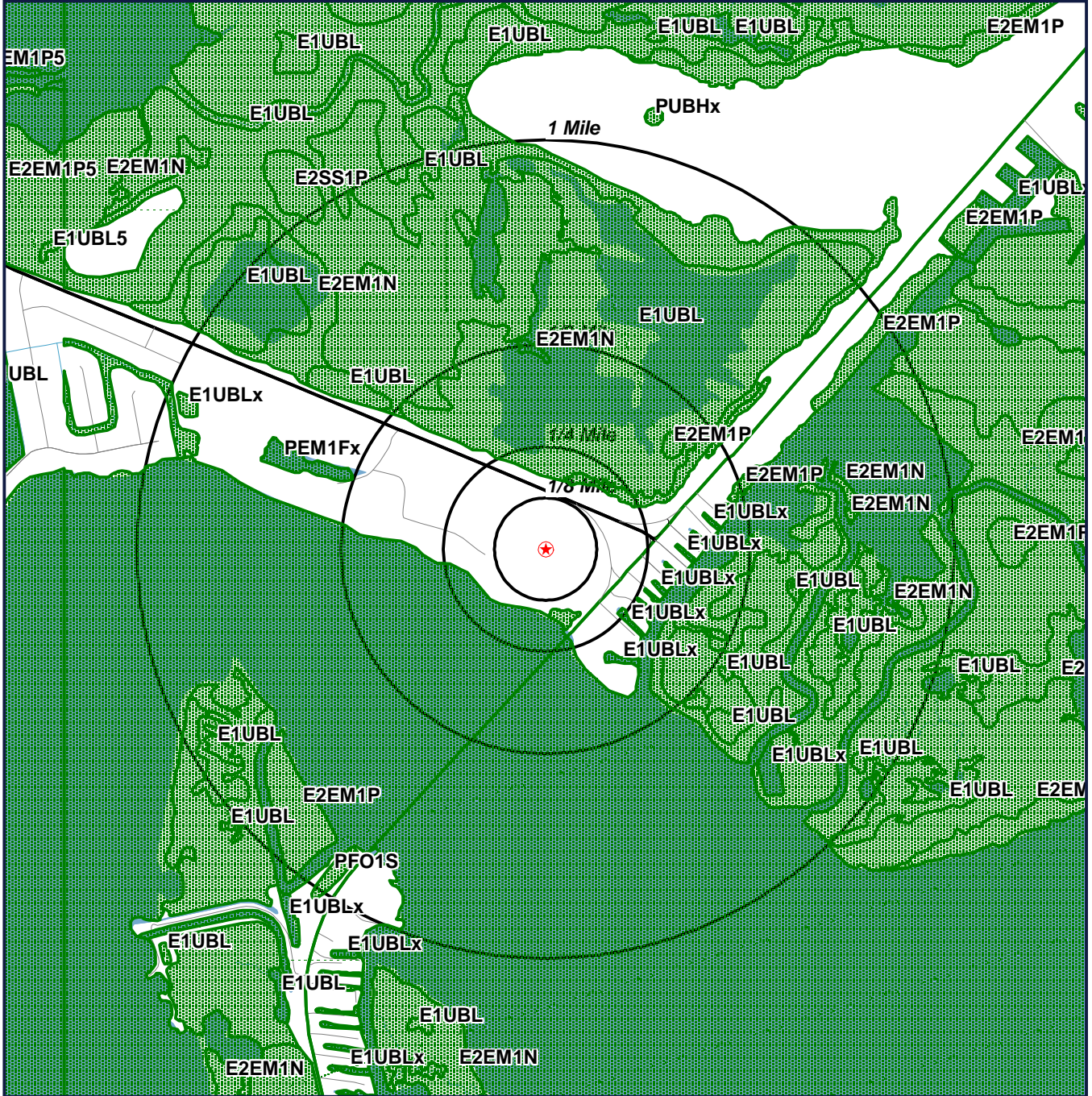
A	Zone A
----------	--------

An area inundated by 100 year flooding. No BFEs (base flood elevations) determined.



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NWI MAP



★ Target Property (TP)

 NWI BOUNDARY

 NDA - DIGITAL DATA NOT AVAILABLE

**An Eastern Portion of Rigolets
Estates
Slidell, Louisiana
70461**



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NATIONAL WETLANDS INVENTORY REPORT

NWI - National Wetlands Inventory

The US NWI digital data bundle is a set of records of wetlands location and classification as defined by the U.S. Fish & Wildlife Service. This dataset is one of a series available in 7.5 minute by 7.5 minute blocks containing ground planimetric coordinates of wetlands point, line, and area features and wetlands attributes. When completed, the series will provide coverage for all of the contiguous United States, Hawaii, Alaska, and U.S. protectorates in the Pacific and Caribbean. The digital data as well as the hardcopy maps that were used as the source for the digital data are produced and distributed by the U.S. Fish & Wildlife Service's National Wetlands Inventory project. Currently, this data is only available in select counties throughout the United States.

NWI Definitions Relevant to Map

E1UBL

SYSTEM: **ESTUARINE**
SUBSYSTEM: **SUBTIDAL**
CLASS: **UNCONSOLIDATED BOTTOM**
WATER REGIME: **SUBTIDAL**

E1UBLx

SYSTEM: **ESTUARINE**
SUBSYSTEM: **SUBTIDAL**
CLASS: **UNCONSOLIDATED BOTTOM**
WATER REGIME: **SUBTIDAL**
SPECIAL MODIFIER: **EXCAVATED**

E2EM1N

SYSTEM: **ESTUARINE**
SUBSYSTEM: **INTERTIDAL**
CLASS: **EMERGENT**
SUBCLASS: **PERSISTENT**
WATER REGIME: **REGULARLY FLOODED**

E2EM1P

SYSTEM: **ESTUARINE**
SUBSYSTEM: **INTERTIDAL**
CLASS: **EMERGENT**
SUBCLASS: **PERSISTENT**
WATER REGIME: **IRREGULARLY FLOODED**



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NATIONAL WETLANDS INVENTORY REPORT

E2SS1P

SYSTEM: **ESTUARINE**
SUBSYSTEM: **INTERTIDAL**
CLASS: **SCRUB-SHRUB**
SUBCLASS: **BROAD-LEAVED DECIDUOUS**
WATER REGIME: **IRREGULARLY FLOODED**

PEM1Fx

SYSTEM: **PALUSTRINE**
CLASS: **EMERGENT**
SUBCLASS: **PERSISTENT**
WATER REGIME: **SEMIPERMANENTLY FLOODED**
SPECIAL MODIFIER: **EXCAVATED**

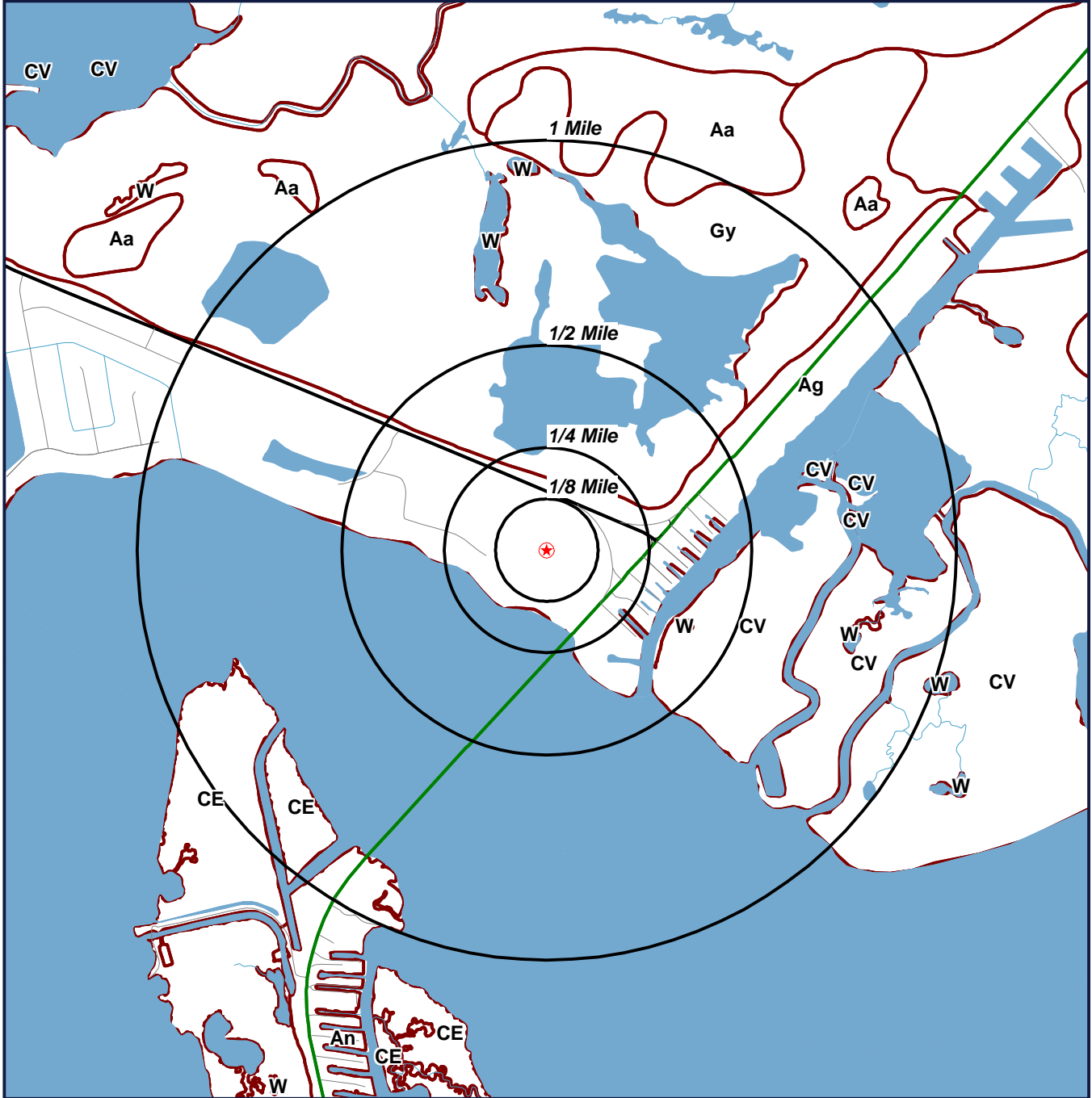
PFO1S

SYSTEM: **PALUSTRINE**
CLASS: **FORESTED**
SUBCLASS: **BROAD-LEAVED DECIDUOUS**
WATER REGIME: **TEMPORARY-TIDAL**



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SOIL SURVEY MAP



★ Target Property (TP)

**An Eastern Portion of Rigolets
Estates
Slidell, Louisiana
70461**



SOIL BOUNDARY



NDA - DIGITAL DATA NOT AVAILABLE



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SOIL SURVEY REPORT

Soil Surveys

The soil data used in this report is obtained from the Natural Resources Conservation Service (NRCS). The NRCS is the primary federal agency that works with private landowners to help them conserve, maintain and improve their natural resources. The soil survey contains information that can be applied in managing farms and ranches; in selecting sites for roads, ponds, buildings and other structures; and in determining the suitability of tracts of land for farming, industry and recreation. This data is available in select counties throughout the United States.

Soil Code Definitions Relevant to Map

W	Water
An	Aquents, dredged
CE	Clovelly muck
Aa	Abita silt loam, 0 to 2 percent slopes
Ag	Aquents, dredged
CV	Clovelly muck
Gy	Guyton silt loam, occasionally flooded
W	Water



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ENVIRONMENTAL RECORDS DEFINITIONS - FEDERAL

AIRSAFS Aerometric Information Retrieval System / Air Facility Subsystem

VERSION DATE: 3/2010

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: 7/2010

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: 5/2010

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: 9/2010

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: 9/2010

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: 8/2010

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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ENVIRONMENTAL RECORDS DEFINITIONS - FEDERAL

ERNSLA Emergency Response Notification System

VERSION DATE: 12/2009

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.

FRSLA Facility Registry System

VERSION DATE: 8/2010

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: 8/2010

The 2009 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: 8/2010

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: 3/2009

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: 3/2009

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: 2/2010

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: 9/2010

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: 8/2010

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: 8/2010

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: 8/2010

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: 9/2010

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: 2/2010

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: 3/2009

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: 9/2010

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: 8/2010

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: 8/2010

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.

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

VERSION DATE: 8/2010

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: 9/2010

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: 9/2010

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: 12/2006

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



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ENVIRONMENTAL RECORDS DEFINITIONS - FEDERAL

TRI Toxics Release Inventory

VERSION DATE: 12/2007

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: 12/2002

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.



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ENVIRONMENTAL RECORDS DEFINITIONS - STATE (LA)

ADS Approved Hurricane Debris dump sites

VERSION DATE: 10/2008

This Louisiana Department of Environmental Quality listing of hurricane debris sites contains the temporary and the permitted landfills in the state that can currently accept hurricane debris (C&D, chipping, grinding, burning, staging, woodwaste). These landfills include Type I (Non-hazardous Industrial), Type II (Municipal) and Type III (Construction and Demolition Debris and Wood Waste).

ASBESTOS Asbestos Demolition and Renovation Notification Projects

VERSION DATE: 10/2009

This listing of Asbestos Demolition and Renovation Projects is provided by the Louisiana Department of Environmental Quality (DEQ). In accordance with the DEQ Air Quality Regulations, LAC 33:III.5151.F.1.f, any contractor performing removal of asbestos containing material that involves Regulated Asbestos Containing Material (see definition in LAC 33:III.5151.B) must become licensed by the Louisiana State Licensing Board for Contractors.

CPI Confirmed and Potential Sites Inventory

VERSION DATE: 8/2010

The Inactive and Abandoned Sites Division of the Louisiana Department of Environmental Quality maintains the confirmed and potential sites inventory. This listing contains state-equivalent CERCLIS hazardous wastes sites.

DCR Drycleaning Facilities

VERSION DATE: 1/2007

This listing of drycleaning facilities was provided by the Louisiana Department of Environmental Quality.

HLUST Historical Leaking Underground Storage Tanks

VERSION DATE: 3/1999

The Historical Leaking Underground Storage Tank database provides descriptive leaking facility reports from the Louisiana Department of Environmental Quality's Underground Storage Tanks Case History System. This database has not been updated since 1999. Please refer to LUST database as source of current data.

IC Sites With Controls

VERSION DATE: 8/2010

This site listing is maintained by the Louisiana Department of Environmental Quality's Remediation Division. Institutional controls (IC) are administrative and/or legal measures in place to safeguard the public and the environment from potential contamination. In certain circumstances, local



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ENVIRONMENTAL RECORDS DEFINITIONS - STATE (LA)

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.

LIENS Listing of Louisiana DEQ Liens

VERSION DATE: 8/2010

A listing of liens filed against properties by the Remediation Services Division of the Louisiana Department of Environmental Quality.

LUST Leaking Underground Storage Tanks

VERSION DATE: 8/2010

This database contains facilities with reported leaking underground storage tanks and is maintained by the the Louisiana Department of Environmental Quality.

NLRUST No Longer Reported Underground Storage Tanks

VERSION DATE: 2/2004

This Underground Storage Tank listing originates from the no longer active PEL filing system of the Louisiana Department of Environmental Quality.

RCY Recycling Facilities

VERSION DATE: 4/2006

This listing of recycling facilities is maintained by the Louisiana Department of Environmental Quality.

SPILLS Spills listing

VERSION DATE: 6/2010

The Louisiana Department of Environmental Quality provides this database. Information includes releases of hazardous or potential hazardous chemical/materials into the environment.

SWLF Solid Waste Landfills

VERSION DATE: 6/2010

This Louisiana Department of Environmental Quality solid waste facility listing includes type I, II, and III landfills. A type I facility is used for the disposal of industrial solid waste. A type II facility is used for the disposal of residential or commercial solid waste. A type III facility is defined in LAC 33:VII.115 as a facility used for disposing or processing of construction/demolition debris or wood waste, composting organic waste to produce a usable material, or separating recyclable wastes. Residential, commercial, or industrial solid waste must not be disposed in a type III facility.



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ENVIRONMENTAL RECORDS DEFINITIONS - STATE (LA)

UST Underground Storage Tanks

VERSION DATE: 8/2010

The Underground Storage Tank database includes a listing of registered underground storage tanks maintained by the Louisiana Department of Environmental Quality.

VRP Voluntary Remediation Program Sites

VERSION DATE: 8/2010

The Louisiana Department of Environmental Quality's Voluntary Remediation Program (VRP) provides a mechanism by which property owners (or potential owners) or others can clean up contaminated properties and receive a release of liability for further cleanup of historical contamination at a site. This release of liability flows to future owners of the property as well.

WASTETIRE Waste Tire Generator List

VERSION DATE: 8/2010

This listing of active registered waste tire generators is maintained by the Louisiana Department of Environmental Quality.

WP Waste Pits

VERSION DATE: 1/1999

This listing is from a 1999 Louisiana Oil Spill Coordinator's Office (LOSCO) study, which identified statewide abandoned non-hazardous waste pits and facilities that have the potential to initiate an oil spill.



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ENVIRONMENTAL RECORDS DEFINITIONS - LOCAL

MBF City of New Orleans Marketable Brownfield Properties

VERSION DATE: 3/2007

This listing of marketable brownfield properties is maintained by the City of New Orleans Office of Environmental Affairs. All properties included on this listing are or are alleged to be closed service stations.

PBF City of New Orleans Potential Brownfield Properties

VERSION DATE: NR

The Brownfields database is maintained by the City of New Orleans Office of Environmental Affairs. This listing of potential brownfields includes abandoned or underused industrial or commercial properties with possible environmental contamination. The Louisiana Department of Environmental Quality and the United States Environmental Protection Agency provide support to the City of New Orleans for the redevelopment of these properties. The information contained within this listing was compiled sometime between 2002 and 2003.

RCSS City of New Orleans Redeveloped Closed Service Stations

VERSION DATE: 3/2007

This list of redeveloped closed service stations is maintained by the City of New Orleans Office of Environmental Affairs. These sites range from reopening as a service station or mechanic shop, residential unit, coffee shop, bank satellite branch, offices, car wash, up to and including addition to a funeral home.



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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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City Search (Standard Report)
Chef Menteur Hwy, Slidell, LA 70461

R.L. Polk & Co.

St. Tammany Parish

2010

Chef Menteur Hwy

1 Chef Menteur Hwy begins in Slidell
x[1st St. begins]
x[3rd St. begins]
y[2nd St. begins]
52191 LA Transportation & Development
52198 No current address listing
52250 Rigolets Bait & Seafood
x[S 6th st. intersects]
y[S 7th St. intersects]
52290 No current address listing
x[S 8th st. intersects]
52434 Depriest Mariana
52504 Krake Allen
52514 Bonura Tony
52720 No current address listing
53578 No current address listing

R.L. Polk & Co.

St. Tammany Parish

2005

Chef Menteur Hwy

1 Chef Menteur begins in Slidell
x[2nd st. intersects]
y[3rd St. intersects]
52198 McHugh Michael
x[S 4th St. begins]
y[S 5th St. begins]
52232 No current address listed
52246 Gallaway Emilie & Jessie
x[S 6th St. intersects]
52250 Rigolets Bait & Seafood
x[S 8th St. begins]
52336 No current address listed
52434 Yates Weston
52720 Good Streak Marine Oil Field Service
53578 James Nunzy



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City Search (Standard Report)
Chef Menteur Hwy, Slidell, LA 70461

Haines Directory
New Orleans Suburban 2000 **Chef Menteur Hwy**
1 Chef Menteur begins in Slidell
52198 McHugh Michael
52210 No current address listed
52246 Apartments
52250 Rigolets Restaurant and Bar
52290 Geoghegan AD
53578 James Nuntzy

Haines Directory
New Orleans Suburban 1995 **Chef Menteur Hwy**
1 Chef Menteur begins in Slidell
52246 Apartments
52250 The Tackle Box
52290 Geoghegan AD
52720 No current address listed
53578 James Nunzy

Haines Directory
New Orleans Suburban 1990 **Chef Menteur Hwy**
1 Chef Menteur begins in Slidell
5000 Bikulege Joseph
y[Numbered street listings end]

Haines Directory
New Orleans Suburban 1985 **Chef Menteur Hwy**
No numbered street addresses

Haines Directory
New Orleans Suburban 1979 **Chef Menteur Hwy**
Street not listed

Haines Directory
New Orleans Suburban 1975 **Chef Menteur Hwy**
Street not listed

Comments:

City Search (Target Property Address)
Chef Menteur Hwy, Slidell, LA 70461

1985	No numbered street addresses	Haines Directory	New Orleans Suburban
1979	Street not listed	Haines Directory	New Orleans Suburban
1975	Street not listed	Haines Directory	New Orleans Suburban

1 Chef Menteur Hwy

2010	Chef Menteur Hwy begins in Slidell	R.L. Polk & Co.	St. Tammany Parish
	x[1st St. begins]	R.L. Polk & Co.	St. Tammany Parish
	y[2nd St. begins]	R.L. Polk & Co.	St. Tammany Parish
	x[3rd St. begins]	R.L. Polk & Co.	St. Tammany Parish
2005	Chef Menteur begins in Slidell	R.L. Polk & Co.	St. Tammany Parish
	x[2nd st. intersects]	R.L. Polk & Co.	St. Tammany Parish
	y[3rd St. intersects]	R.L. Polk & Co.	St. Tammany Parish
2000	Chef Menteur begins in Slidell	Haines Directory	New Orleans Suburban
1995	Chef Menteur begins in Slidell	Haines Directory	New Orleans Suburban
1990	Chef Menteur begins in Slidell	Haines Directory	New Orleans Suburban

5000 Chef Menteur Hwy

1990	Bikulege Joseph	Haines Directory	New Orleans Suburban
	y[Numbered street listings end]	Haines Directory	New Orleans Suburban

52191 Chef Menteur Hwy

2010	LA Transportation & Development	R.L. Polk & Co.	St. Tammany Parish
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52198 Chef Menteur Hwy

2010	No current address listing	R.L. Polk & Co.	St. Tammany Parish
2005	McHugh Michael	R.L. Polk & Co.	St. Tammany Parish
	x[S 4th St. begins]	R.L. Polk & Co.	St. Tammany Parish
	y[S 5th St. begins]	R.L. Polk & Co.	St. Tammany Parish
2000	McHugh Michael	Haines Directory	New Orleans Suburban



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City Search (Target Property Address)
Chef Menteur Hwy, Slidell, LA 70461

52210 Chef Menteur Hwy

2000	No current address listed	Haines Directory	New Orleans Suburban
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52232 Chef Menteur Hwy

2005	No current address listed	R.L. Polk & Co.	St. Tammany Parish
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52246 Chef Menteur Hwy

2005	Gallaway Emilie & Jessie	R.L. Polk & Co.	St. Tammany Parish
	x[S 6th St. intersects]	R.L. Polk & Co.	St. Tammany Parish
2000	Apartments	Haines Directory	New Orleans Suburban
1995	Apartments	Haines Directory	New Orleans Suburban

52250 Chef Menteur Hwy

2010	Rigolets Bait & Seafood	R.L. Polk & Co.	St. Tammany Parish
	x[S 6th st. intersects]	R.L. Polk & Co.	St. Tammany Parish
	y[S 7th St. intersects]	R.L. Polk & Co.	St. Tammany Parish
2005	Rigolets Bait & Seafood	R.L. Polk & Co.	St. Tammany Parish
	x[S 8th St. begins]	R.L. Polk & Co.	St. Tammany Parish
2000	Rigolets Restaurant and Bar	Haines Directory	New Orleans Suburban
1995	The Tackle Box	Haines Directory	New Orleans Suburban

52290 Chef Menteur Hwy

2010	No current address listing	R.L. Polk & Co.	St. Tammany Parish
	x[S 8th st. intersects]	R.L. Polk & Co.	St. Tammany Parish
2000	Geoghegan AD	Haines Directory	New Orleans Suburban
1995	Geoghegan AD	Haines Directory	New Orleans Suburban

52336 Chef Menteur Hwy

2005	No current address listed	R.L. Polk & Co.	St. Tammany Parish
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City Search (Target Property Address)
Chef Menteur Hwy, Slidell, LA 70461

52434 Chef Menteur Hwy

2010	Depriest Mariana	R.L. Polk & Co.	St. Tammany Parish
2005	Yates Weston	R.L. Polk & Co.	St. Tammany Parish

52504 Chef Menteur Hwy

2010	Krake Allen	R.L. Polk & Co.	St. Tammany Parish
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52514 Chef Menteur Hwy

2010	Bonura Tony	R.L. Polk & Co.	St. Tammany Parish
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52720 Chef Menteur Hwy

2010	No current address listing	R.L. Polk & Co.	St. Tammany Parish
2005	Good Streak Marine Oil Field Service	R.L. Polk & Co.	St. Tammany Parish
1995	No current address listed	Haines Directory	New Orleans Suburban

53578 Chef Menteur Hwy

2010	No current address listing	R.L. Polk & Co.	St. Tammany Parish
2005	James Nunzy	R.L. Polk & Co.	St. Tammany Parish
2000	James Nuntzy	Haines Directory	New Orleans Suburban
1995	James Nunzy	Haines Directory	New Orleans Suburban

Comments:



GeoPlus Oil & Gas Report

<http://www.geo-search.net/QuickMap/index.htm?DataID=Standard0000022867>

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

Target Property:

***An Eastern Portion of Rigolets Estates
Slidell, St. Tammany Parish, Louisiana 70461***

Prepared For:

Krebs LaSalle LeMieux Consultants, Inc.

Order #: 9934

Job #: 22867

Project #: 404-0075

Date: 10/18/2010

TARGET PROPERTY SUMMARY

**An Eastern Portion of Rigolets Estates
Slidell, St. Tammany Parish, Louisiana 70461**

USGS Quadrangle: **Rigolets, LA**

Target Property Geometry: **Point**

Target Property Longitude(s)/Latitude(s):
(-89.730336, 30.178575)

County/Parish Covered:

Orleans (LA), St. Tammany (LA)

Zipcode(s) Covered:

New Orleans LA: 70129

Slidell LA: 70461

State(s) Covered:

LA

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

Zone 3 areas have a predicted average indoor radon screening level less than 2 pCi/L.

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DATABASE FINDINGS SUMMARY

DATABASE	ACRONYM	LOCA- TABLE	UNLOCA- TABLE	SEARCH RADIUS (miles)
STATE (LA)				
OIL AND GAS WELLS	OG	0	0	0.5000
SUB-TOTAL		0	0	

TOTAL

0 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
STATE (LA)								
OG		.5000	0	0	0	0	NS	0
SUB-TOTAL			0	0	0	0	0	0

TOTAL			0	0	0	0	0	0
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NOTES:

NS = NO SEARCH REQUESTED BY CUSTOMER



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OIL / GAS WELL MAP



- ★ Target Property (TP)
- Well Location

**An Eastern Portion of Rigolets
Estates
Slidell, Louisiana
70461**



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ENVIRONMENTAL RECORDS DEFINITIONS - STATE (LA)

OG Oil and Gas Wells

VERSION DATE: 4/2010

This database contains over 230,000 permitted oil and gas wells and is maintained by the Louisiana Department of Natural Resources, Office of Conservation. The information has been carefully prepared from the best available sources of data. It is intended for general informational purposes only and should not be considered authoritative for navigational, engineering, other site-specific uses, or any other uses. The Louisiana Department of Natural Resources (DNR) does not warrant or guarantee its accuracy, nor does DNR assume any responsibility or liability for any reliance thereon.



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GeoPlus Water Well Report

<http://www.geo-search.net/QuickMap/index.htm?DataID=Standard0000022865>

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

Target Property:

***An Eastern Portion of Rigolets Estates
Slidell, St. Tammany Parish, Louisiana 70461***

Prepared For:

Krebs LaSalle LeMieux Consultants, Inc.

Order #: 9934

Job #: 22865

Project #: 404-0075

Date: 10/18/2010

TARGET PROPERTY SUMMARY

**An Eastern Portion of Rigolets Estates
Slidell, St. Tammany Parish, Louisiana 70461**

USGS Quadrangle: **Rigolets, LA**

Target Property Geometry: **Point**

Target Property Longitude(s)/Latitude(s):
(-89.730336, 30.178575)

County/Parish Covered:

Orleans (LA), St. Tammany (LA)

Zipcode(s) Covered:

New Orleans LA: 70129

Slidell LA: 70461

State(s) Covered:

LA

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

Zone 3 areas have a predicted average indoor radon screening level less than 2 pCi/L.

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DATABASE FINDINGS SUMMARY

DATABASE	ACRONYM	LOCA- TABLE	UNLOCA- TABLE	SEARCH RADIUS (miles)
FEDERAL				
UNITED STATES GEOLOGICAL SURVEY NATIONAL WATER INFORMATION SYSTEM	NWIS	3	0	0.5000
SUB-TOTAL		3	0	
STATE (LA)				
LOUISIANA WATER WELL REGISTRY	DOTDWW	24	0	0.5000
SUB-TOTAL		24	0	

TOTAL

27 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
<u>FEDERAL</u>								
NWIS		.5000	0	1	2	0	NS	3
SUB-TOTAL			0	1	2	0	0	3
<u>STATE (LA)</u>								
DOTDWW		.5000	0	1	23	0	NS	24
SUB-TOTAL			0	1	23	0	0	24

TOTAL	0	2	25	0	0	27
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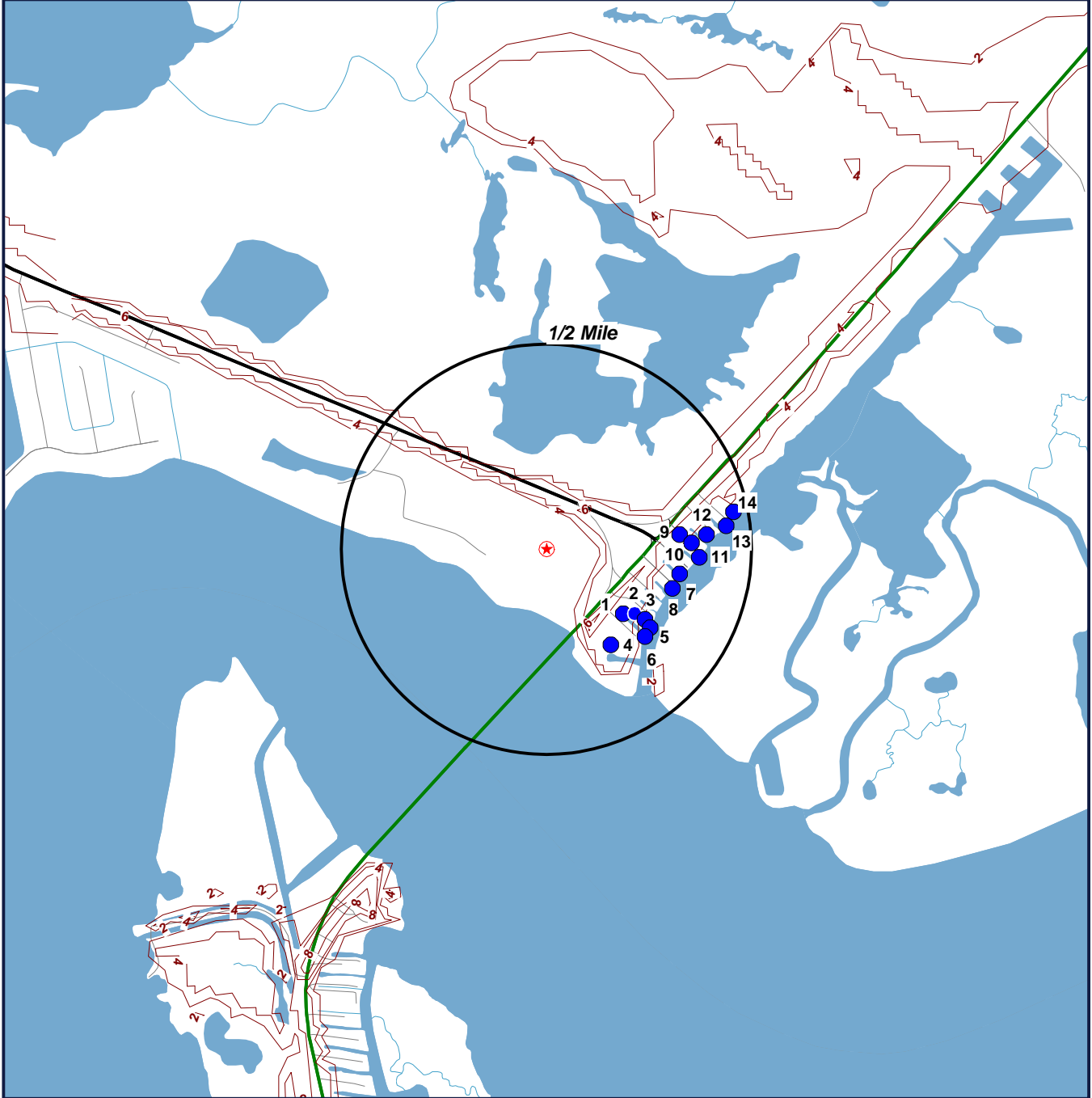
NOTES:

NS = NO SEARCH REQUESTED BY CUSTOMER



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WATER WELL MAP



- ★ Target Property (TP)
- DOTDWW
- NWIS

**An Eastern Portion of Rigolets
Estates
Slidell, Louisiana
70461**

CONTOUR LINES REPRESENTED IN FEET



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REPORT SUMMARY OF LOCATABLE SITES

MAP ID#	DATABASE NAME	SITE ID#	DISTANCE FROM SITE	SITE NAME	ADDRESS	CITY, ZIP CODE	PAGE #
1	NWIS	00144552	0.228 SE	ST- 722			1
1	DOTDWW	30103508943380	0.245 SE	BECHTEL CORP			2
2	NWIS	00144548	0.267 SE	ST-1005			3
3	DOTDWW	30103408943350	0.296 SE	FIRST NAT BANK			4
3	DOTDWW	30103408943350	0.296 SE	FIRST NAT BANK			5
3	DOTDWW	30103408943350	0.296 SE	FIRST NAT BANK			6
3	DOTDWW	30103408943350	0.296 SE	FIRST NAT BANK			7
3	DOTDWW	30103408943350	0.296 SE	FIRST NAT BANK			8
3	DOTDWW	30103408943360	0.281 SE	RIGOLETS HARBOR			9
4	DOTDWW	30103108943400	0.281 SE	SMITH, JOHNNY			10
5	DOTDWW	30103308943340	0.317 SE	FIRST NAT BANK			11
5	DOTDWW	30103308943340	0.317 SE	FIRST NAT BANK			12
6	DOTDWW	30103208943350	0.321 SE	FIRST NAT BANK			13
7	NWIS	00144592	0.318 E	ST- 550			14
7	DOTDWW	30104008943300	0.330 E	JAHNCKE			15
8	DOTDWW	30103808943310	0.321 E	WADLEIGH, RALPH			16
9	DOTDWW	30104408943290	0.337 E	BLAUM, HAL SR			17
9	DOTDWW	30104508943300	0.327 E	GEGENHEIMER, R			18
9	DOTDWW	30104508943280	0.356 E	HINKLE, CAROLYN			19
10	DOTDWW	30104408943280	0.355 E	HINKLE, CAROLYN			20
11	DOTDWW	30104208943270	0.373 E	GARRICK, CHAS			21
12	DOTDWW	30104508943260	0.392 E	ARENA, BRYANT J			22
12	DOTDWW	30104508943260	0.392 E	ARENA, BRYANT J			23
13	DOTDWW	30104708943240	0.427 E	YATES, WESTON			24
13	DOTDWW	30104608943230	0.442 E	BONO, AUGUST			25
14	DOTDWW	30104908943230	0.452 E	YATES, WESTON			26
14	DOTDWW	30104808943220	0.465 E	MOREAU, A J			27



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UNITED STATES GEOLOGICAL SURVEY NATIONAL WATER INFORMATION SYSTEM (NWIS)

MAP ID# 1 Distance from Property: 0.23 mi. SE

SITE NUMBER: **30103508**

STATION NAME: **ST- 722**

SITE TYPE: **WELL**

LATITUDE: **30.176585250** LONGITUDE: **-89.727282300**

DATE DRILLED: **02/25/1972**

WELL DEPTH: **500'**

HOLE DEPTH: **NOT REPORTED**

LOCAL AQUIFER: **NOT REPORTED**



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WATER WELL DATABASE (DOTDWW)

MAP ID# 1

Distance from Property: 0.24 mi. SE

ID NUMBER: 301035089433801
LOCAL WELL: - 722
PARISH NUMBER: 103
OWNER NAME: BECHTEL CORP
WELL USE: TEST HOLE
WELL SUB-USE: PLUGGED
DRILLER NAME: EUSTIS
WELL DEPTH: 500
WATER LEVEL: 0.000000000
YIELD: NOT REPORTED
HOLE DEPTH: 500
ELEVATION: 3
PLUGGED BY: NOT REPORTED
DATE PLUGGED: NOT REPORTED
DATE COMPLETED: 02/72
DRAWDOWN: NOT REPORTED
CASING DIAMETER: NOT REPORTED
CASING MATERIAL: NOT REPORTED
SCREEN DIAMETER: NOT REPORTED
SCREEN INTERVAL: NOT REPORTED
GEOLOGIC UNIT: 112PNCLU
QUAD NUM: 192
TOWNSHIP/SECTION/RANGE: 10S 018 15E
LATITUDE: 30.176300000 LONGITUDE: -89.727200000



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MAP ID# 2 Distance from Property: 0.27 mi. SE

SITE NUMBER: **30103408**

STATION NAME: **ST-1005**

SITE TYPE: **WELL**

LATITUDE: **30.176307480** LONGITUDE: **-89.726726700**

DATE DRILLED: **NOT REPORTED**

WELL DEPTH: **535.'**

HOLE DEPTH: **535.'**

LOCAL AQUIFER: **NOT REPORTED**

WATER WELL DATABASE (DOTDWW)

MAP ID# 3

Distance from Property: 0.30 mi. SE

ID NUMBER: 301034089433501
LOCAL WELL: -8486Z
PARISH NUMBER: 103
OWNER NAME: FIRST NAT BANK
WELL USE: MONITOR
WELL SUB-USE: PLUGGED
DRILLER NAME: PROFESSIONAL
WELL DEPTH: 12
WATER LEVEL: 4.000000000
YIELD: NOT REPORTED
HOLE DEPTH: 12
ELEVATION: 0
PLUGGED BY: GRIFFITH (ENV.) 479
DATE PLUGGED: 03/98
DATE COMPLETED: 06/93
DRAWDOWN: NOT REPORTED
CASING DIAMETER: 2
CASING MATERIAL: PLASTIC
SCREEN DIAMETER: 2
SCREEN INTERVAL: 2-12
GEOLOGIC UNIT: 112SESC
QUAD NUM: 192A
TOWNSHIP/SECTION/RANGE: 10S 007 15E
LATITUDE: 30.176100000 LONGITUDE: -89.726300000



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WATER WELL DATABASE (DOTDWW)

MAP ID# 3

Distance from Property: 0.30 mi. SE

ID NUMBER: 301034089433502
LOCAL WELL: -8487Z
PARISH NUMBER: 103
OWNER NAME: FIRST NAT BANK
WELL USE: MONITOR
WELL SUB-USE: PLUGGED
DRILLER NAME: PROFESSIONAL
WELL DEPTH: 12
WATER LEVEL: 4.000000000
YIELD: NOT REPORTED
HOLE DEPTH: 12
ELEVATION: 0
PLUGGED BY: GRIFFITH (ENV.) 479
DATE PLUGGED: 03/98
DATE COMPLETED: 06/93
DRAWDOWN: NOT REPORTED
CASING DIAMETER: 2
CASING MATERIAL: PLASTIC
SCREEN DIAMETER: 2
SCREEN INTERVAL: 2-12
GEOLOGIC UNIT: 112SESC
QUAD NUM: 192A
TOWNSHIP/SECTION/RANGE: 10S 007 15E
LATITUDE: 30.176100000 LONGITUDE: -89.726300000



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WATER WELL DATABASE (DOTDWW)

MAP ID# 3

Distance from Property: 0.30 mi. SE

ID NUMBER: 301034089433503
LOCAL WELL: -8488Z
PARISH NUMBER: 103
OWNER NAME: FIRST NAT BANK
WELL USE: MONITOR
WELL SUB-USE: PLUGGED
DRILLER NAME: PROFESSIONAL
WELL DEPTH: 12
WATER LEVEL: 4.000000000
YIELD: NOT REPORTED
HOLE DEPTH: 12
ELEVATION: 0
PLUGGED BY: GRIFFITH (ENV.) 479
DATE PLUGGED: 03/98
DATE COMPLETED: 06/93
DRAWDOWN: NOT REPORTED
CASING DIAMETER: 2
CASING MATERIAL: PLASTIC
SCREEN DIAMETER: 2
SCREEN INTERVAL: 2-12
GEOLOGIC UNIT: 112SESC
QUAD NUM: 192A
TOWNSHIP/SECTION/RANGE: 10S 007 15E
LATITUDE: 30.176100000 LONGITUDE: -89.726300000



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WATER WELL DATABASE (DOTDWW)

MAP ID# 3

Distance from Property: 0.30 mi. SE

ID NUMBER: 301034089433504
LOCAL WELL: -8489Z
PARISH NUMBER: 103
OWNER NAME: FIRST NAT BANK
WELL USE: MONITOR
WELL SUB-USE: PLUGGED
DRILLER NAME: PROFESSIONAL
WELL DEPTH: 12
WATER LEVEL: 4.000000000
YIELD: NOT REPORTED
HOLE DEPTH: 12
ELEVATION: 0
PLUGGED BY: GRIFFITH (ENV.) 479
DATE PLUGGED: 03/98
DATE COMPLETED: 06/93
DRAWDOWN: NOT REPORTED
CASING DIAMETER: 4
CASING MATERIAL: PLASTIC
SCREEN DIAMETER: 4
SCREEN INTERVAL: 2-12
GEOLOGIC UNIT: 112SESC
QUAD NUM: 192A
TOWNSHIP/SECTION/RANGE: 10S 007 15E
LATITUDE: 30.176100000 LONGITUDE: -89.726300000



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WATER WELL DATABASE (DOTDWW)

MAP ID# 3

Distance from Property: 0.30 mi. SE

ID NUMBER: 301034089433505
LOCAL WELL: -8969Z
PARISH NUMBER: 103
OWNER NAME: FIRST NAT BANK
WELL USE: MONITOR
WELL SUB-USE: PLUGGED
DRILLER NAME: PROFESSIONAL
WELL DEPTH: 13
WATER LEVEL: 2.000000000
YIELD: NOT REPORTED
HOLE DEPTH: 13
ELEVATION: 0
PLUGGED BY: GRIFFITH (ENV.) 479
DATE PLUGGED: 03/98
DATE COMPLETED: 03/94
DRAWDOWN: NOT REPORTED
CASING DIAMETER: 4
CASING MATERIAL: PLASTIC
SCREEN DIAMETER: 4
SCREEN INTERVAL: 3-13
GEOLOGIC UNIT: 112SESC
QUAD NUM: 192A
TOWNSHIP/SECTION/RANGE: 10S 007 15E
LATITUDE: 30.176100000 LONGITUDE: -89.726300000



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WATER WELL DATABASE (DOTDWW)

MAP ID# 3

Distance from Property: 0.28 mi. SE

ID NUMBER: 301034089433601
LOCAL WELL: -1005
PARISH NUMBER: 103
OWNER NAME: RIGOLETS HARBOR
WELL USE: PUBLIC SUPPLY
WELL SUB-USE: COMMERCIAL
DRILLER NAME: PENTON, BUD
WELL DEPTH: 535
WATER LEVEL: 21.000000000
YIELD: NOT REPORTED
HOLE DEPTH: 535
ELEVATION: NOT REPORTED
PLUGGED BY: NOT REPORTED
DATE PLUGGED: NOT REPORTED
DATE COMPLETED: 05/86
DRAWDOWN: NOT REPORTED
CASING DIAMETER: 6X4
CASING MATERIAL: PLASTIC
SCREEN DIAMETER: 4
SCREEN INTERVAL: 515-535
GEOLOGIC UNIT: 112PNCLU
QUAD NUM: 192A
TOWNSHIP/SECTION/RANGE: 10S 037 15E
LATITUDE: 30.176100000 LONGITUDE: -89.726600000



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WATER WELL DATABASE (DOTDWW)

MAP ID# 4

Distance from Property: 0.28 mi. SE

ID NUMBER: 301031089434001
LOCAL WELL: -6023Z
PARISH NUMBER: 103
OWNER NAME: SMITH, JOHNNY
WELL USE: DOMESTIC
WELL SUB-USE: NOT REPORTED
DRILLER NAME: PENTON, BUD
WELL DEPTH: 540
WATER LEVEL: 0.000000000
YIELD: NOT REPORTED
HOLE DEPTH: 540
ELEVATION: 5
PLUGGED BY: NOT REPORTED
DATE PLUGGED: NOT REPORTED
DATE COMPLETED: 09/87
DRAWDOWN: NOT REPORTED
CASING DIAMETER: 2
CASING MATERIAL: PLASTIC
SCREEN DIAMETER: 2
SCREEN INTERVAL: 530-540
GEOLOGIC UNIT: 112PNCLU
QUAD NUM: 192A
TOWNSHIP/SECTION/RANGE: 10S 037 15E
LATITUDE: 30.175200000 LONGITUDE: -89.727700000



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WATER WELL DATABASE (DOTDWW)

MAP ID# 5

Distance from Property: 0.32 mi. SE

ID NUMBER: 301033089433402
LOCAL WELL: -9887Z
PARISH NUMBER: 103
OWNER NAME: FIRST NAT BANK
WELL USE: RECOVERY
WELL SUB-USE: PLUGGED
DRILLER NAME: GRIFFITH (ENV.)
WELL DEPTH: 9
WATER LEVEL: 1.600000000
YIELD: NOT REPORTED
HOLE DEPTH: 10
ELEVATION: 2
PLUGGED BY: GRIFFITH (ENV.) 479
DATE PLUGGED: 03/98
DATE COMPLETED: 04/95
DRAWDOWN: NOT REPORTED
CASING DIAMETER: 4
CASING MATERIAL: PLASTIC
SCREEN DIAMETER: 4
SCREEN INTERVAL: 4-9
GEOLOGIC UNIT: 112SESC
QUAD NUM: 192A
TOWNSHIP/SECTION/RANGE: 10S 037 15E
LATITUDE: 30.175800000 LONGITUDE: -89.726100000



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WATER WELL DATABASE (DOTDWW)

MAP ID# 5

Distance from Property: 0.32 mi. SE

ID NUMBER: 301033089433401
LOCAL WELL: -9886Z
PARISH NUMBER: 103
OWNER NAME: FIRST NAT BANK
WELL USE: RECOVERY
WELL SUB-USE: PLUGGED
DRILLER NAME: GRIFFITH (ENV.)
WELL DEPTH: 9
WATER LEVEL: 1.800000000
YIELD: NOT REPORTED
HOLE DEPTH: 10
ELEVATION: 2
PLUGGED BY: GRIFFITH (ENV.) 479
DATE PLUGGED: 03/98
DATE COMPLETED: 04/95
DRAWDOWN: NOT REPORTED
CASING DIAMETER: 4
CASING MATERIAL: PLASTIC
SCREEN DIAMETER: 4
SCREEN INTERVAL: 4-9
GEOLOGIC UNIT: 112SESC
QUAD NUM: 192A
TOWNSHIP/SECTION/RANGE: 10S 037 15E
LATITUDE: 30.175800000 LONGITUDE: -89.726100000



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WATER WELL DATABASE (DOTDWW)

MAP ID# 6

Distance from Property: 0.32 mi. SE

ID NUMBER: 301032089433501
LOCAL WELL: -9888Z
PARISH NUMBER: 103
OWNER NAME: FIRST NAT BANK
WELL USE: RECOVERY
WELL SUB-USE: PLUGGED
DRILLER NAME: GRIFFITH (ENV.)
WELL DEPTH: 9
WATER LEVEL: 1.800000000
YIELD: NOT REPORTED
HOLE DEPTH: 10
ELEVATION: 2
PLUGGED BY: GRIFFITH (ENV.) 479
DATE PLUGGED: 03/98
DATE COMPLETED: 04/95
DRAWDOWN: NOT REPORTED
CASING DIAMETER: 4
CASING MATERIAL: PLASTIC
SCREEN DIAMETER: 4
SCREEN INTERVAL: 4-9
GEOLOGIC UNIT: 112SESC
QUAD NUM: 192A
TOWNSHIP/SECTION/RANGE: 10S 037 15E
LATITUDE: 30.175500000 LONGITUDE: -89.726300000



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UNITED STATES GEOLOGICAL SURVEY NATIONAL WATER INFORMATION SYSTEM (NWIS)

MAP ID# 7 Distance from Property: 0.32 mi. E

SITE NUMBER: **30104008**

STATION NAME: **ST- 550**

SITE TYPE: **WELL**

LATITUDE: **30.177974100** LONGITUDE: **-89.725060000**

DATE DRILLED: **01/01/1954**

WELL DEPTH: **291'**

HOLE DEPTH: **NOT REPORTED**

LOCAL AQUIFER: **GONZALES-NEW ORLEANS AQUIFER**



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WATER WELL DATABASE (DOTDWW)

MAP ID# 7

Distance from Property: 0.33 mi. E

ID NUMBER: **301040089433001**
LOCAL WELL: **- 550**
PARISH NUMBER: **103**
OWNER NAME: **JAHNCKE**
WELL USE: **OTHER**
WELL SUB-USE: **UNKNOWN**
DRILLER NAME: **BURLINGAME A**
WELL DEPTH: **291**
WATER LEVEL: **0.500000000**
YIELD: **65**
HOLE DEPTH: **0**
ELEVATION: **2**
PLUGGED BY: **NOT REPORTED**
DATE PLUGGED: **NOT REPORTED**
DATE COMPLETED: **1954**
DRAWDOWN: **NOT REPORTED**
CASING DIAMETER: **3**
CASING MATERIAL: **STEEL**
SCREEN DIAMETER: **3**
SCREEN INTERVAL: **261-291**
GEOLOGIC UNIT: **112UPTC**
QUAD NUM: **192**
TOWNSHIP/SECTION/RANGE: **09S 037 14E**
LATITUDE: **30.177700000** LONGITUDE: **-89.724900000**



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WATER WELL DATABASE (DOTDWW)

MAP ID# 8

Distance from Property: 0.32 mi. E

ID NUMBER: 301038089433101
LOCAL WELL: -5308Z
PARISH NUMBER: 103
OWNER NAME: WADLEIGH, RALPH
WELL USE: DOMESTIC
WELL SUB-USE: NOT REPORTED
DRILLER NAME: CHABRECK
WELL DEPTH: 504
WATER LEVEL: 14.000000000
YIELD: NOT REPORTED
HOLE DEPTH: 504
ELEVATION: 5
PLUGGED BY: NOT REPORTED
DATE PLUGGED: NOT REPORTED
DATE COMPLETED: 01/86
DRAWDOWN: NOT REPORTED
CASING DIAMETER: 2
CASING MATERIAL: PLASTIC
SCREEN DIAMETER: 2
SCREEN INTERVAL: 484-504
GEOLOGIC UNIT: 112PNCLU
QUAD NUM: 192A
TOWNSHIP/SECTION/RANGE: 10S 007 15E
LATITUDE: 30.177200000 LONGITUDE: -89.725200000



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WATER WELL DATABASE (DOTDWW)

MAP ID# 9

Distance from Property: 0.34 mi. E

ID NUMBER: 301044089432901
LOCAL WELL: 16327Z
PARISH NUMBER: 103
OWNER NAME: BLAUM, HAL SR
WELL USE: DOMESTIC
WELL SUB-USE: NOT REPORTED
DRILLER NAME: CHABRECK
WELL DEPTH: 520
WATER LEVEL: 20.000000000
YIELD: NOT REPORTED
HOLE DEPTH: 520
ELEVATION: 5
PLUGGED BY: NOT REPORTED
DATE PLUGGED: NOT REPORTED
DATE COMPLETED: 09/02
DRAWDOWN: NOT REPORTED
CASING DIAMETER: 2
CASING MATERIAL: PLASTIC
SCREEN DIAMETER: 2
SCREEN INTERVAL: 500-520
GEOLOGIC UNIT: 112PNCLU
QUAD NUM: 192A
TOWNSHIP/SECTION/RANGE: 10S 019 15E
LATITUDE: 30.178800000 LONGITUDE: -89.724700000



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WATER WELL DATABASE (DOTDWW)

MAP ID# 9

Distance from Property: 0.33 mi. E

ID NUMBER: 301045089433001
LOCAL WELL: 16888Z
PARISH NUMBER: 103
OWNER NAME: GEGENHEIMER, R
WELL USE: DOMESTIC
WELL SUB-USE: NOT REPORTED
DRILLER NAME: CHABRECK
WELL DEPTH: 500
WATER LEVEL: 15.000000000
YIELD: NOT REPORTED
HOLE DEPTH: 500
ELEVATION: 0
PLUGGED BY: NOT REPORTED
DATE PLUGGED: NOT REPORTED
DATE COMPLETED: 06/03
DRAWDOWN: NOT REPORTED
CASING DIAMETER: 2
CASING MATERIAL: PLASTIC
SCREEN DIAMETER: 2
SCREEN INTERVAL: 480-500
GEOLOGIC UNIT: 00000000
QUAD NUM: 192A
TOWNSHIP/SECTION/RANGE: 10S 037 15E
LATITUDE: 30.179100000 LONGITUDE: -89.724900000



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WATER WELL DATABASE (DOTDWW)

MAP ID# 9

Distance from Property: 0.36 mi. E

ID NUMBER: 301045089432801
LOCAL WELL: -5309Z
PARISH NUMBER: 103
OWNER NAME: HINKLE, CAROLYN
WELL USE: DOMESTIC
WELL SUB-USE: NOT REPORTED
DRILLER NAME: CHABRECK
WELL DEPTH: 504
WATER LEVEL: 14.000000000
YIELD: NOT REPORTED
HOLE DEPTH: 504
ELEVATION: 5
PLUGGED BY: NOT REPORTED
DATE PLUGGED: NOT REPORTED
DATE COMPLETED: 02/86
DRAWDOWN: NOT REPORTED
CASING DIAMETER: 2
CASING MATERIAL: PLASTIC
SCREEN DIAMETER: 2
SCREEN INTERVAL: 484-504
GEOLOGIC UNIT: 112PNCLU
QUAD NUM: 192A
TOWNSHIP/SECTION/RANGE: 10S 007 15E
LATITUDE: 30.179100000 LONGITUDE: -89.724400000



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WATER WELL DATABASE (DOTDWW)

MAP ID# 10

Distance from Property: 0.35 mi. E

ID NUMBER: 301044089432801
LOCAL WELL: -5412Z
PARISH NUMBER: 103
OWNER NAME: HINKLE, CAROLYN
WELL USE: DOMESTIC
WELL SUB-USE: NOT REPORTED
DRILLER NAME: CHABRECK
WELL DEPTH: 504
WATER LEVEL: 16.000000000
YIELD: NOT REPORTED
HOLE DEPTH: 504
ELEVATION: 5
PLUGGED BY: NOT REPORTED
DATE PLUGGED: NOT REPORTED
DATE COMPLETED: 02/86
DRAWDOWN: NOT REPORTED
CASING DIAMETER: 2
CASING MATERIAL: PLASTIC
SCREEN DIAMETER: 2
SCREEN INTERVAL: 484-504
GEOLOGIC UNIT: 112PNCLU
QUAD NUM: 192A
TOWNSHIP/SECTION/RANGE: 10S 037 15E
LATITUDE: 30.178800000 LONGITUDE: -89.724400000



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WATER WELL DATABASE (DOTDWW)

MAP ID# 11

Distance from Property: 0.37 mi. E

ID NUMBER: 301042089432701
LOCAL WELL: -5897Z
PARISH NUMBER: 103
OWNER NAME: GARRICK, CHAS
WELL USE: DOMESTIC
WELL SUB-USE: NOT REPORTED
DRILLER NAME: CHABRECK
WELL DEPTH: 295
WATER LEVEL: 18.000000000
YIELD: NOT REPORTED
HOLE DEPTH: 295
ELEVATION: 5
PLUGGED BY: NOT REPORTED
DATE PLUGGED: NOT REPORTED
DATE COMPLETED: 06/87
DRAWDOWN: NOT REPORTED
CASING DIAMETER: 2
CASING MATERIAL: PLASTIC
SCREEN DIAMETER: 2
SCREEN INTERVAL: 275-295
GEOLOGIC UNIT: 112PNCLU
QUAD NUM: 192A
TOWNSHIP/SECTION/RANGE: 10S 037 15E
LATITUDE: 30.178300000 LONGITUDE: -89.724100000



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WATER WELL DATABASE (DOTDWW)

MAP ID# 12 Distance from Property: 0.39 mi. E

ID NUMBER: 301045089432602
LOCAL WELL: -8193Z
PARISH NUMBER: 103
OWNER NAME: ARENA, BRYANT J
WELL USE: DOMESTIC
WELL SUB-USE: NOT REPORTED
DRILLER NAME: PENTON, BUD
WELL DEPTH: 525
WATER LEVEL: 15.000000000
YIELD: NOT REPORTED
HOLE DEPTH: 525
ELEVATION: 5
PLUGGED BY: NOT REPORTED
DATE PLUGGED: NOT REPORTED
DATE COMPLETED: 01/93
DRAWDOWN: NOT REPORTED
CASING DIAMETER: 2
CASING MATERIAL: PLASTIC
SCREEN DIAMETER: 2
SCREEN INTERVAL: 515-525
GEOLOGIC UNIT: 112PNCLU
QUAD NUM: 192A
TOWNSHIP/SECTION/RANGE: 10S 037 15E
LATITUDE: 30.179100000 LONGITUDE: -89.723800000



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WATER WELL DATABASE (DOTDWW)

MAP ID# 12

Distance from Property: 0.39 mi. E

ID NUMBER: 301045089432601
LOCAL WELL: -8192Z
PARISH NUMBER: 103
OWNER NAME: ARENA, BRYANT J
WELL USE: DOMESTIC
WELL SUB-USE: PLUGGED
DRILLER NAME: UNKNOWN
WELL DEPTH: 500
WATER LEVEL: 0.000000000
YIELD: NOT REPORTED
HOLE DEPTH: 0
ELEVATION: NOT REPORTED
PLUGGED BY: PENTON, BUD 100
DATE PLUGGED: 01/93
DATE COMPLETED: NOT REPORTED
DRAWDOWN: NOT REPORTED
CASING DIAMETER: 2
CASING MATERIAL: NOT REPORTED
SCREEN DIAMETER: NOT REPORTED
SCREEN INTERVAL: NOT REPORTED
GEOLOGIC UNIT: 112PNCLU
QUAD NUM: 192A
TOWNSHIP/SECTION/RANGE: 10S 037 15E
LATITUDE: 30.179100000 LONGITUDE: -89.723800000



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WATER WELL DATABASE (DOTDWW)

MAP ID# 13

Distance from Property: 0.43 mi. E

ID NUMBER: 301047089432401
LOCAL WELL: -9321Z
PARISH NUMBER: 103
OWNER NAME: YATES, WESTON
WELL USE: DOMESTIC
WELL SUB-USE: NOT REPORTED
DRILLER NAME: CHABRECK
WELL DEPTH: 480
WATER LEVEL: 17.000000000
YIELD: NOT REPORTED
HOLE DEPTH: 480
ELEVATION: 5
PLUGGED BY: NOT REPORTED
DATE PLUGGED: NOT REPORTED
DATE COMPLETED: 09/94
DRAWDOWN: NOT REPORTED
CASING DIAMETER: 2
CASING MATERIAL: PLASTIC
SCREEN DIAMETER: 2
SCREEN INTERVAL: 460-480
GEOLOGIC UNIT: 112PNCLU
QUAD NUM: 192A
TOWNSHIP/SECTION/RANGE: 10S 037 15E
LATITUDE: 30.179700000 LONGITUDE: -89.723300000



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WATER WELL DATABASE (DOTDWW)

MAP ID# 13

Distance from Property: 0.44 mi. E

ID NUMBER: 301046089432301
LOCAL WELL: -5896Z
PARISH NUMBER: 103
OWNER NAME: BONO, AUGUST
WELL USE: DOMESTIC
WELL SUB-USE: NOT REPORTED
DRILLER NAME: CHABRECK
WELL DEPTH: 290
WATER LEVEL: 19.000000000
YIELD: NOT REPORTED
HOLE DEPTH: 290
ELEVATION: 5
PLUGGED BY: NOT REPORTED
DATE PLUGGED: NOT REPORTED
DATE COMPLETED: 06/87
DRAWDOWN: NOT REPORTED
CASING DIAMETER: 2
CASING MATERIAL: PLASTIC
SCREEN DIAMETER: 2
SCREEN INTERVAL: 270-290
GEOLOGIC UNIT: 112UPTC
QUAD NUM: 192A
TOWNSHIP/SECTION/RANGE: 10S 037 15E
LATITUDE: 30.179400000 LONGITUDE: -89.723000000



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WATER WELL DATABASE (DOTDWW)

MAP ID# 14

Distance from Property: 0.45 mi. E

ID NUMBER: 301049089432301
LOCAL WELL: 14478Z
PARISH NUMBER: 103
OWNER NAME: YATES, WESTON
WELL USE: DOMESTIC
WELL SUB-USE: NOT REPORTED
DRILLER NAME: CHABRECK
WELL DEPTH: 540
WATER LEVEL: 22.000000000
YIELD: NOT REPORTED
HOLE DEPTH: 540
ELEVATION: 0
PLUGGED BY: NOT REPORTED
DATE PLUGGED: NOT REPORTED
DATE COMPLETED: 08/00
DRAWDOWN: NOT REPORTED
CASING DIAMETER: 2
CASING MATERIAL: PLASTIC
SCREEN DIAMETER: 2
SCREEN INTERVAL: 520-540
GEOLOGIC UNIT: 112PNCLU
QUAD NUM: 192A
TOWNSHIP/SECTION/RANGE: 10S 037 15E
LATITUDE: 30.180200000 LONGITUDE: -89.723000000



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WATER WELL DATABASE (DOTDWW)

MAP ID# 14

Distance from Property: 0.47 mi. E

ID NUMBER: 301048089432201
LOCAL WELL: 10050Z
PARISH NUMBER: 103
OWNER NAME: MOREAU, A J
WELL USE: DOMESTIC
WELL SUB-USE: NOT REPORTED
DRILLER NAME: ANTHON
WELL DEPTH: 550
WATER LEVEL: 18.000000000
YIELD: NOT REPORTED
HOLE DEPTH: 550
ELEVATION: 5
PLUGGED BY: NOT REPORTED
DATE PLUGGED: NOT REPORTED
DATE COMPLETED: 08/95
DRAWDOWN: NOT REPORTED
CASING DIAMETER: 4X2
CASING MATERIAL: PLASTIC
SCREEN DIAMETER: 2
SCREEN INTERVAL: 530-550
GEOLOGIC UNIT: 112PNCLU
QUAD NUM: 192A
TOWNSHIP/SECTION/RANGE: 10S 037 15E
LATITUDE: 30.179900000 LONGITUDE: -89.722700000



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ENVIRONMENTAL RECORDS DEFINITIONS - FEDERAL

NWIS

United States Geological Survey National Water Information System

VERSION DATE: 3/2010

The USGS National Water Information System includes water-resources data for approximately 1.5 million sites across the United States from 1857 to present. The USGS investigates the occurrence, quantity, quality, distribution, and movement of surface and underground waters and disseminates the data to the public, State and local governments, public and private utilities, and other Federal agencies involved with managing our water resources.



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ENVIRONMENTAL RECORDS DEFINITIONS - STATE (LA)

DOTDWW Louisiana Water Well Registry

VERSION DATE: 5/2010

This Statewide Water Well Registration Data File is maintained by the Louisiana Department of Transportation and Development (DOTD) along with the Louisiana District of the United States Geological Survey. It should be noted that the list does not include every possible water well, which may have been drilled under a given name or within the requested sections. The list represents only those wells that have been registered with DOTD, including those scheduled by the U.S. Geological Survey, and does not include those which are presently being processed. It should also be noted that the owner's name or other well data might not be current if the well has changed ownership, use, ect. since it was first registered. Additionally, the Department cannot guarantee the accuracy of the data since they were collected from many different sources, with varying degrees of accuracy.



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APPENDIX C

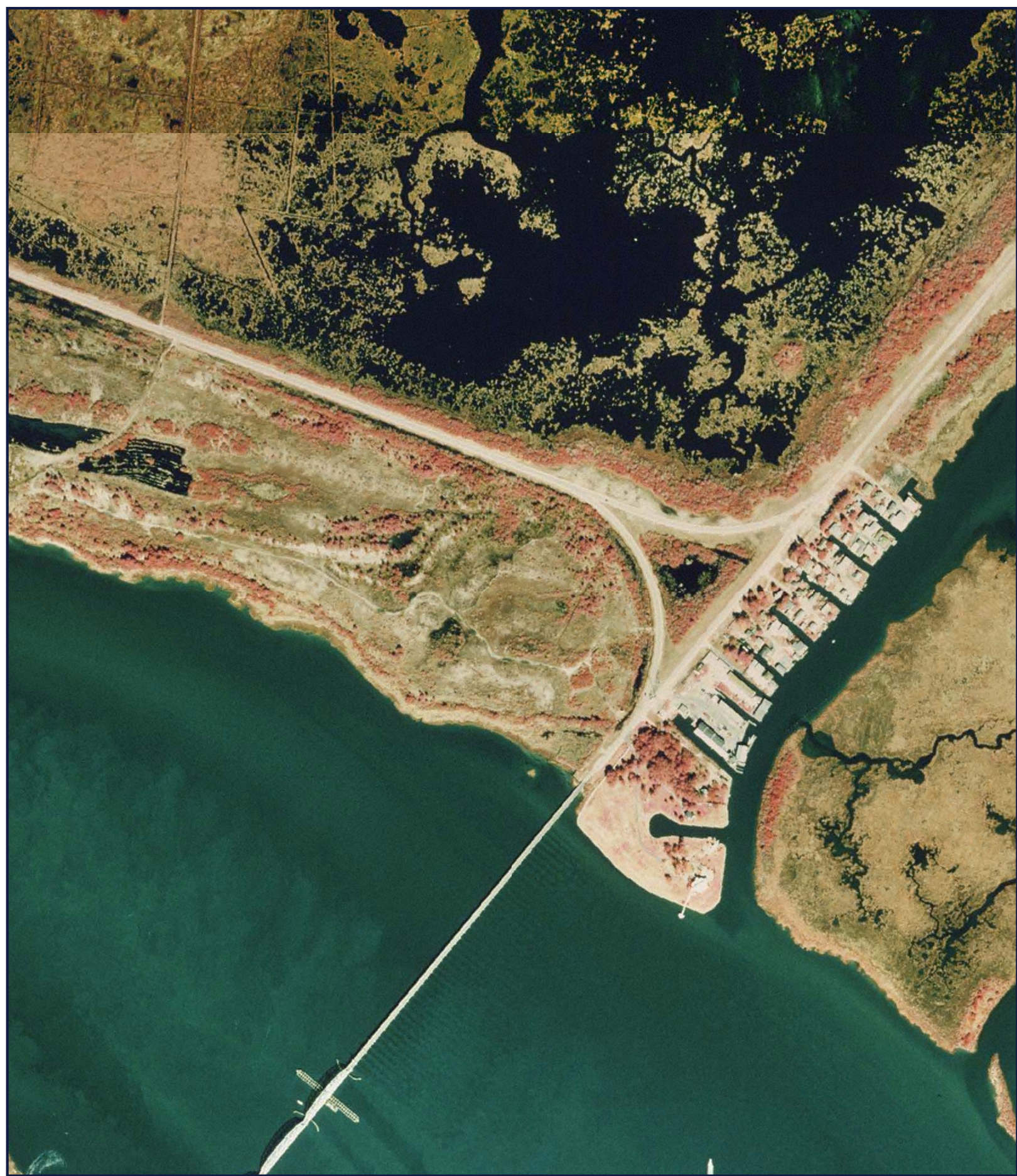
HISTORICAL AERIAL PHOTOGRAPHS



JOB #: 22866 - 10/14/2010

SITE: AN EASTERN PORTION OF RIGOLETS ESTATES
SOURCE: DIGITAL GLOBE
DATE: 5-18-2009
COUNTY: ST. TAMMANY PARISH, LA
SCALE: 1" = 700'

GeoSearch



JOB #: 22866 - 10/14/2010

SITE: AN EASTERN PORTION OF RIGOLETS ESTATES
SOURCE: USGS
DATE: 1-24-1998
COUNTY: ST. TAMMANY PARISH, LA
SCALE: 1" = 700'

GeoSearch



JOB #: 22866 - 10/14/2010

SITE: AN EASTERN PORTION OF RIGOLETS ESTATES
SOURCE: USGS
DATE: 11-21-1971
COUNTY: ST. TAMMANY PARISH, LA
SCALE: 1" = 700'

GeoSearch



JOB #: 22866 - 10/14/2010

SITE: AN EASTERN PORTION OF RIGOLETS ESTATES
SOURCE: USGS
DATE: 3-29-1967
COUNTY: ST. TAMMANY PARISH, LA
SCALE: 1" = 700'

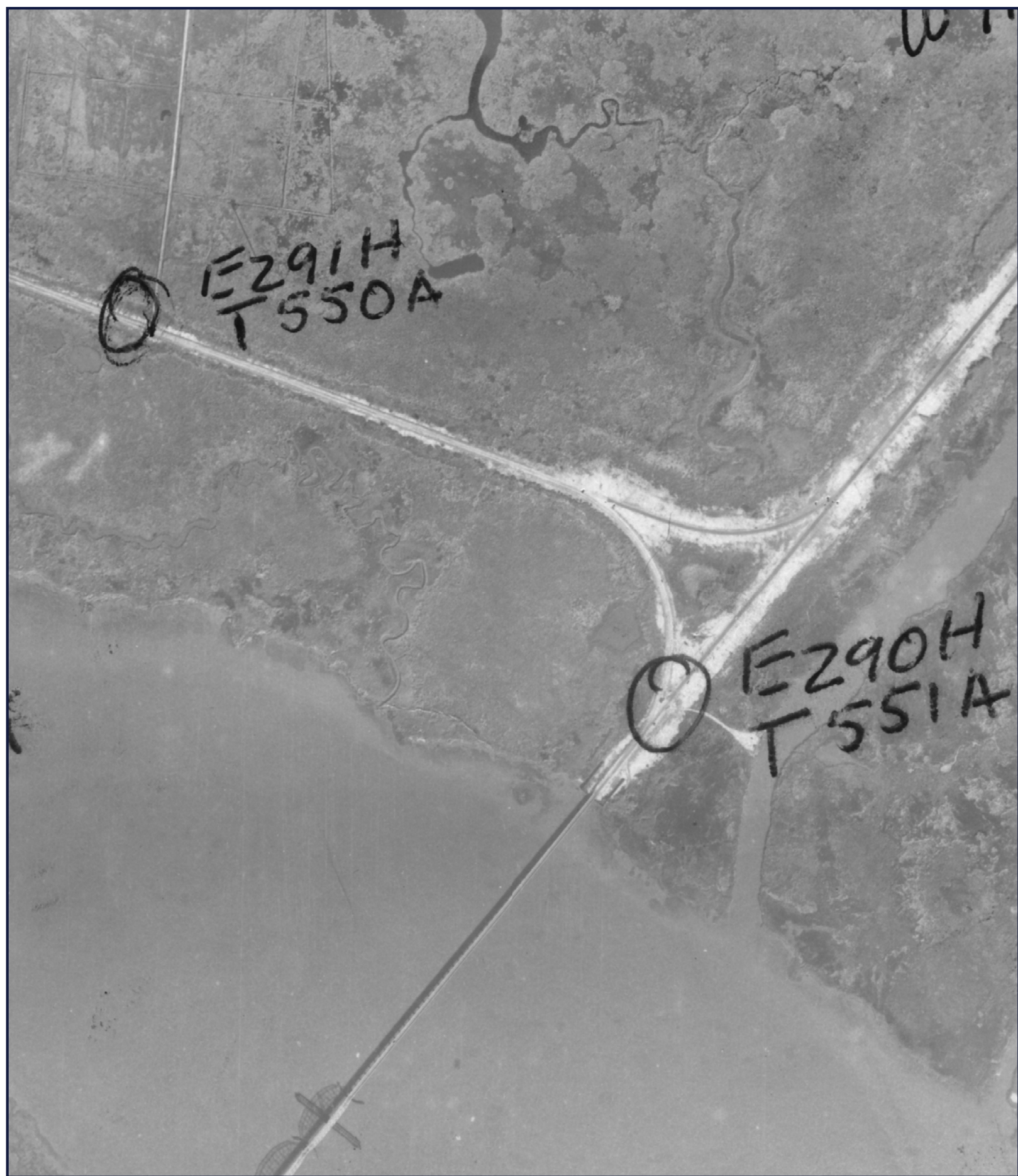
GeoSearch



JOB #: 22866 - 10/14/2010

SITE: AN EASTERN PORTION OF RIGOLETS ESTATES
SOURCE: USDA
DATE: 12-15-1952
COUNTY: ST. TAMMANY PARISH, LA
SCALE: 1" = 700'

GeoSearch



JOB #: 22866 - 10/19/2010

SITE: AN EASTERN PORTION OF RIGOLETS ESTATES
SOURCE: USACOE
DATE: 11-28-1945
COUNTY: ST. TAMMANY PARISH, LA
SCALE: 1" = 700'

GeoSearch

APPENDIX D

HISTORICAL TOPOGRAPHIC MAPS



Historical Topographic Maps

<http://www.geo-search.net/QuickMap/index.htm?DataID=Standard0000022864>

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

Target Property:

***An Eastern Portion of Rigolets Estates
Slidell, St. Tammany Parish, Louisiana 70461***

Prepared For:

Krebs LaSalle LeMieux Consultants, Inc.

Order #: 9934

Job #: 22864

Project #: 404-0075

Date: 10/18/2010

TARGET PROPERTY SUMMARY

**An Eastern Portion of Rigolets Estates
Slidell, St. Tammany Parish, Louisiana 70461**

USGS Quadrangle: **Rigolets, LA**

Target Property Geometry: **Point**

Target Property Longitude(s)/Latitude(s):
(-89.730336, 30.178575)

County/Parish Covered:

Orleans (LA), St. Tammany (LA)

Zipcode(s) Covered:

New Orleans LA: 70129

Slidell LA: 70461

State(s) Covered:

LA

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

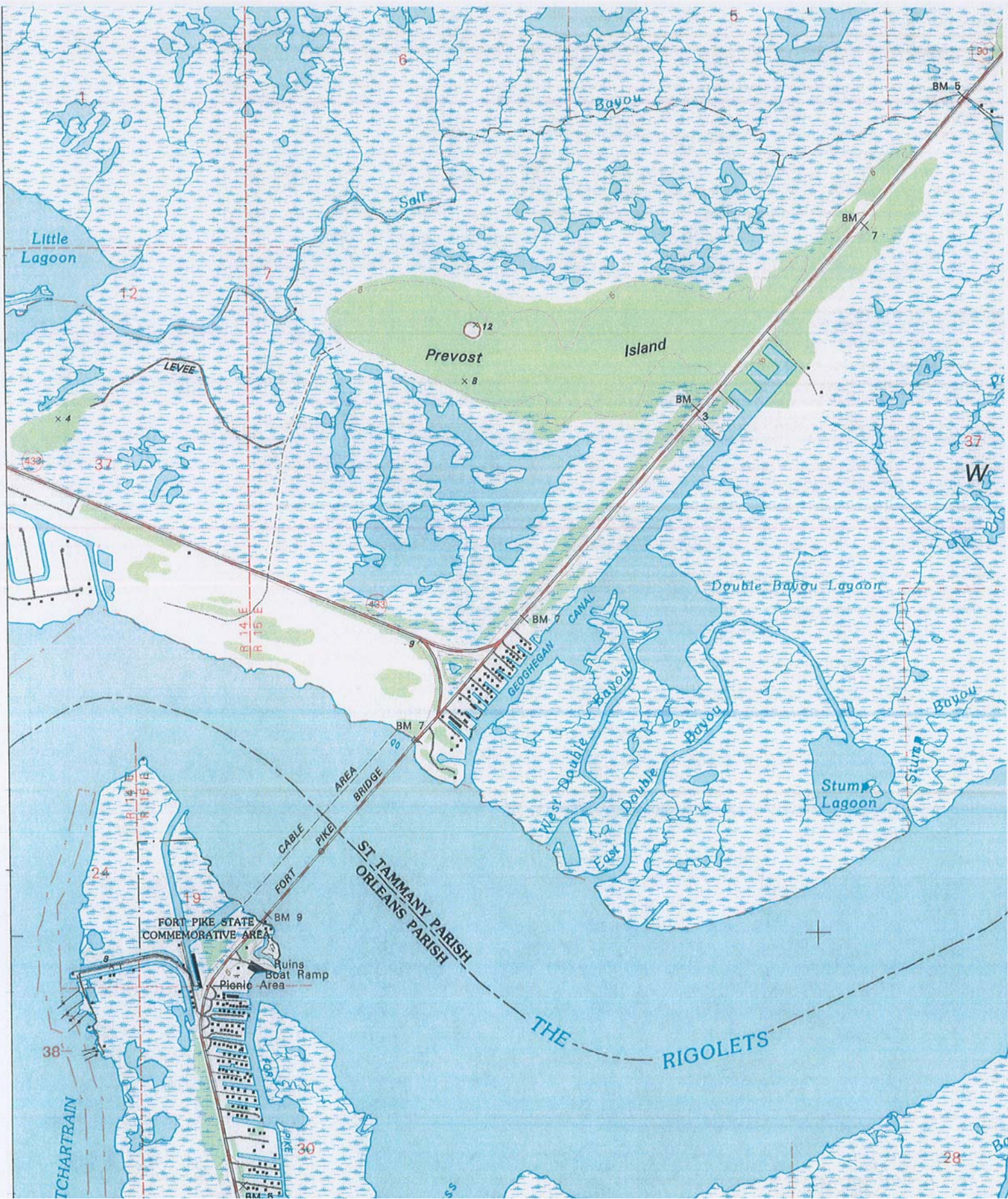
Zone 3 areas have a predicted average indoor radon screening level less than 2 pCi/L.

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SITE:
QUAD:
DATE:
SCALE:

AN EASTERN PORTION OF RIGOLETS ESTATES
RIGOLETS, LA
1998
1 - 24,000



SITE:
QUAD:
DATE:
SCALE:

AN EASTERN PORTION OF RIGOLETS ESTATES
RIGOLETS, LA
1993
1 - 24,000



SITE:
QUAD:
DATE:
SCALE:

AN EASTERN PORTION OF RIGOLETS ESTATES
RIGOLETS, LA
1968 PHOTO REVISED 1976
1 - 24,000



SITE:
QUAD:
DATE:
SCALE:

AN EASTERN PORTION OF RIGOLETS ESTATES
RIGOLETS, LA
1968
1 - 24,000



SITE: AN EASTERN PORTION OF RIGOLETS ESTATES
QUAD: RIGOLETS, LA
DATE: 1957
SCALE: 1 - 62,500

APPENDIX E

PHOTOGRAPHS











APPENDIX F

A.S.T.M. QUESTIONNAIRES

X3. USER QUESTIONNAIRE

INTRODUCTION

In order to qualify for one of the *Landowner Liability Protections* (LLPs)¹ offered by the Small Business Liability Relief and Brownfields Revitalization Act of 2001 (the "*Brownfields Amendments*"),² the *user* 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.) 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 *property* that are filed or recorded under federal, tribal, state, or local law? No

(2.) Activity and land use limitations that are in place on site or that have been filed or recorded in a registry (40 CFR 312.28).

Are you aware of an AULs³, such as *engineering controls*, lands use restrictions or *institutional controls* that are in place at the site and/or have been filed or recorded in a registry under federal, tribal, state, or local law? No

(3.) Specialized knowledge or experience of the person seeking to qualify for the LLP (40 CFR 312.28).

As the *user* of the *ESA* do you have any specialized knowledge or experience related to the *property* or nearby properties? For example, are you involved in the same line of business as the current or former *occupants* of the *property* so that you would have specialized knowledge of the chemicals and processes used by this type of business? No, there are no current or former occupants. Property is raw acreage.

(4.) Relationship of the purchase price to the fair market value of the property if it were not contaminated (40 CFR 312.29).

Does the purchase price being paid for this *property* reasonably reflect the fair market value of the *property*? If you conclude that there is a difference, have you considered whether the lower purchase price is because contamination is known or believed to be present at the *property*? N/A - Property is not being purchased.

(5.) Commonly known or reasonably ascertainable information about the property (40 CFR 213.30).

Are you aware of commonly known or *reasonably ascertainable* information about the *property* that would help the *environmental professional* to identify conditions indicative of releases or threatened releases? For example, as *user*,

- (a.) Do you know the past uses of the *property*? Yes, vacant raw acreage.
- (b.) Do you know of specific chemicals that are present or once were present at the *property*? No
- (c.) Do you know of spills or other chemical releases that have taken place at the *property*? No
- (d.) Do you know of any environmental cleanups that have taken place at the *property*? No

(6.) The degree of obviousness of the presence of likely presence of contamination at the property, and the ability to detect the contamination by appropriate investigation (40 CFR 312.31).

As the *user* of this *ESA*, based on your knowledge and experience related to the *property* are there any *obvious* indicators that point to the presence or likely presence of contamination at the *property*? No

¹Landowner Liability Protection, or LLPs, is the term used to describe the three types of potential defenses to Superfund liability in EPA's *Interim Guidance Regarding Criteria Landowners Must Meet in Order to Qualify for Bona Fide Prospective Purchaser, Contiguous Property Owner, or Innocent Landowner Limitations on CERCLA Liability* ("Common Elements" Guide) issued on March 6, 2003.

²P.L. 107-118

³Activity and use limitations- legal or physical restrictions or limitations on the use of, or access to, a site or facility: (1) to reduce or eliminate potential exposure to *hazardous substances* or *petroleum products* in the soil or ground water on the *property*, or (2) to prevent activities that could interfere with the effectiveness of a response action, in order to ensure maintenance of a condition of no significant risk to public health or the environment. These legal or physical restrictions, which may include institutional and/or *engineering controls*, are intended to prevent adverse impacts to individuals or populations that may be exposed to *hazardous substances* and *petroleum products* in the soil or ground water on the *property*.



19 Nov 2010

user must determine, in the exercise of the user's reasonable business judgment, the scope of such further inquiry.

5.8 *Further Inquiry*—Upon completing the *transaction screen questionnaire*, if the user concludes that further inquiry or action is needed (for example, consult with an environmental consultant, contractor, governmental authority, or perform additional governmental and/or historical records review), the user should proceed with such inquiry. (Note that if the user determines to proceed with a Phase I Environment Site Assessment, the user may apply the current Practice E 1527 or alternatively the provisions of EPA's regulation "Standards and Practices for All Appropriate Inquiries," 40 C.F.R. Part 312.)

5.9 *Signature*—The user and the preparer of the *transaction screen questionnaire* must complete and sign the questionnaire as provided at the end of the questionnaire.

6. Transaction Screen Questionnaire

6.1 *Persons to Be Questioned*—The following questions should be asked of (1) the current owner of the property, (2)

any major occupant of the property or, if the property does not have any major occupants, at least 10 % of the occupants of the property, and (3) in addition to the current owner and the occupants identified in (2), any occupant likely to be using, treating, generating, storing, or disposing of hazardous substances or petroleum products on or from the property. A major occupant is any occupant using at least 40 % of the leasable area of the property or any anchor tenant when the property is a shopping center. In a multifamily property containing both residential and commercial uses, the preparer does not need to ask questions of the residential occupants. The preparer should ask each person to answer all questions to the best of the respondent's actual knowledge and in good faith. When completing the *site visit* column, the preparer should be sure to observe the property and any buildings and other structures on the property. The guide to this *transaction screen questionnaire* (see Sections 7-10) provides further details on the appropriate use of this questionnaire. (See Note 2.)

Note 2—Unk = "unknown" or "no response."

Description of Site/Address:

Rigolets Estates, 199.2 Acres at intersection of Highway 90 and Highway 433, located on northeast side of Lake Pontchartrain, St. Tammany Parish, Slidell, Louisiana.

Question	Owner	Occupants (if applicable)	Observed During Site Visit	If yes, provide description	
1a. Is the property used for an industrial use?	Yes <input type="radio"/> No <input checked="" type="radio"/>	Unk	Yes <input type="radio"/> No <input checked="" type="radio"/>	Unk	Yes <input type="radio"/> No <input checked="" type="radio"/>
1b. Is any adjoining property used for an industrial use?	Yes <input type="radio"/> No <input checked="" type="radio"/>	Unk	Yes <input type="radio"/> No <input checked="" type="radio"/>	Unk	Yes <input type="radio"/> No <input checked="" type="radio"/>
2a. Did you observe evidence or do you have any prior knowledge that the property has been used for an industrial use in the past?	Yes <input type="radio"/> No <input checked="" type="radio"/>	Unk	Yes <input type="radio"/> No <input checked="" type="radio"/>	Unk	Yes <input type="radio"/> No <input checked="" type="radio"/>
2b. Did you observe evidence or do you have any prior knowledge that any adjoining property has been used for an industrial use in the past?	Yes <input type="radio"/> No <input checked="" type="radio"/>	Unk	Yes <input type="radio"/> No <input checked="" type="radio"/>	Unk	Yes <input type="radio"/> No <input checked="" type="radio"/>
3a. Is the property used as a gasoline station, motor repair facility, commercial printing facility, dry cleaners, photo developing laboratory, junkyard or landfill, or as a waste treatment, storage, disposal, processing, or recycling facility (if applicable, identify which)?	Yes <input type="radio"/> No <input checked="" type="radio"/>	Unk	Yes <input type="radio"/> No <input checked="" type="radio"/>	Unk	Yes <input type="radio"/> No <input checked="" type="radio"/>
3b. Is any adjoining property used as a gasoline station, motor repair facility, commercial printing facility, dry cleaners, photo developing laboratory, junkyard or landfill, or as a waste treatment, storage, disposal, processing, or recycling facility (if applicable, identify which)?	Yes <input type="radio"/> No <input checked="" type="radio"/>	Unk	Yes <input type="radio"/> No <input checked="" type="radio"/>	Unk	Yes <input type="radio"/> No <input checked="" type="radio"/>

Question	Owner	Occupants (if applicable)			Observed During Site Visit	If yes, provide description
4a. Did you observe evidence or do you have any prior knowledge that the <i>property</i> has been used as a gasoline station, motor repair facility, commercial printing facility, dry cleaners, photo developing laboratory, junkyard or landfill, or as a waste treatment, storage, disposal, processing, or recycling facility (if applicable, identify which)?	Yes <input checked="" type="radio"/> No <input type="radio"/>	Unk	Yes	No	Unk	Yes <input checked="" type="radio"/> No <input type="radio"/>
4b. Did you observe evidence or do you have any prior knowledge that any <i>adjoining property</i> has been used as a gasoline station, motor repair facility, commercial printing facility, dry cleaners, photo developing laboratory, junkyard or landfill, or as a waste treatment, storage, disposal, processing, or recycling facility (if applicable, identify which)?	Yes <input checked="" type="radio"/> No <input type="radio"/>	Unk	Yes	No	Unk	Yes <input checked="" type="radio"/> No <input type="radio"/>
5a. Are there currently any damaged or discarded automotive or industrial batteries, pesticides, paints, or other chemicals in individual containers of >5 gal (19 L) in volume or 50 gal (190 L) in the aggregate, stored on or used at the <i>property</i> or at the facility?	Yes <input checked="" type="radio"/> No <input type="radio"/>	Unk	Yes	No	Unk	Yes <input checked="" type="radio"/> No <input type="radio"/>
5b. Did you observe evidence or do you have any prior knowledge that there have been previously any damaged or discarded automotive or industrial batteries, or pesticides, paints, or other chemicals in individual containers of >5 gal (19 L) in volume or 50 gal (190 L) in the aggregate, stored on or used at the <i>property</i> or at the facility?	Yes <input checked="" type="radio"/> No <input type="radio"/>	Unk	Yes	No	Unk	Yes <input checked="" type="radio"/> No <input type="radio"/>
6a. Are there currently any industrial drums (typically 55 gal (208 L)) or sacks of chemicals located on the <i>property</i> or at the facility?	Yes <input checked="" type="radio"/> No <input type="radio"/>	Unk	Yes	No	Unk	Yes <input checked="" type="radio"/> No <input type="radio"/>
6b. Did you observe evidence or do you have any prior knowledge that there have been previously any industrial drums (typically 55 gal (208 L)) or sacks of chemicals located on the <i>property</i> or at the facility?	Yes <input checked="" type="radio"/> No <input type="radio"/>	Unk	Yes	No	Unk	Yes <input checked="" type="radio"/> No <input type="radio"/>
7a. Did you observe evidence or do you have any prior knowledge that <i>fill dirt</i> has been brought onto the <i>property</i> that originated from a contaminated site?	Yes <input checked="" type="radio"/> No <input type="radio"/>	Unk	Yes	No	Unk	Yes <input checked="" type="radio"/> No <input type="radio"/>
7b. Did you observe evidence or do you have any prior knowledge that <i>fill dirt</i> has been brought onto the <i>property</i> that is of an unknown origin?	Yes <input checked="" type="radio"/> No <input type="radio"/>	Unk	Yes	No	Unk	Yes <input checked="" type="radio"/> No <input type="radio"/>
8a. Are there currently any <i>pits, ponds, or lagoons</i> located on the <i>property</i> in connection with waste treatment or waste disposal?	Yes <input checked="" type="radio"/> No <input type="radio"/>	Unk	Yes	No	Unk	Yes <input checked="" type="radio"/> No <input type="radio"/>
8b. Did you observe evidence or do you have any prior knowledge that there have been previously, any <i>pits, ponds, or lagoons</i> located on the <i>property</i> in connection with waste treatment or waste disposal?	Yes <input checked="" type="radio"/> No <input type="radio"/>	Unk	Yes	No	Unk	Yes <input checked="" type="radio"/> No <input type="radio"/>

Question	Owner	Occupants (if applicable)			Observed During Site Visit	If yes, provide description		
9a. Is there currently any stained soil on the property?	Yes	No	Unk	Yes	No	Unk	Yes	No
9b. Did you observe evidence or do you have any prior knowledge that there has been previously, any stained soil on the property?	Yes	No	Unk	Yes	No	Unk	Yes	No
10a. Are there currently any registered or unregistered storage tanks (above or underground) located on the property?	Yes	No	Unk	Yes	No	Unk	Yes	No
10b. Did you observe evidence or do you have any prior knowledge that there have been previously, any registered or unregistered storage tanks (above or underground) located on the property?	Yes	No	Unk	Yes	No	Unk	Yes	No
11a. Are there currently any vent pipes, fill pipes, or access ways indicating a fill pipe protruding from the ground on the property or adjacent to any structure located on the property?	Yes	No	Unk	Yes	No	Unk	Yes	No
11b. Did you observe evidence or do you have any prior knowledge that there have been previously, any vent pipes, fill pipes, or access ways indicating a fill pipe protruding from the ground on the property or adjacent to any structure located on the property?	Yes	No	Unk	Yes	No	Unk	Yes	No
12a. Is there currently evidence of leaks, spills or staining by substances other than water, or foul odors, associated with any flooring, drains, walls, ceilings, or exposed grounds on the property?	Yes	No	Unk	Yes	No	Unk	Yes	No
12b. Did you observe evidence or do you have any prior knowledge that there have been previously any leaks, spills, or staining by substances other than water, or foul odors, associated with any flooring drains, walls, ceilings or exposed grounds on the property?	Yes	No	Unk	Yes	No	Unk	Yes	No
13a. If the property is served by a private well or non-public water system, is there evidence or do you have prior knowledge that contaminants have been identified in the well or system that exceed guidelines applicable to the water system?	Yes	No	Unk	Yes	No	Unk	Yes	No
13b. If the property is served by a private well or non-public water system, is there evidence or do you have prior knowledge that the well has been designated as contaminated by any government environmental/health agency?	Yes	No	Unk	Yes	No	Unk	Yes	No
14. Does the owner or occupant of the property have any knowledge of environmental liens or governmental notification relating to past or recurrent violations of environmental laws with respect to the property or any facility located on the property?	Yes	No	Unk	Yes	No	Unk		

Question	Owner	Occupants (if applicable)	Observed During Site Visit - If yes, provide description			
15a. Has the <i>owner</i> or <i>occupant</i> of the <i>property</i> been informed of the past existence of <i>hazardous substances</i> or <i>petroleum products</i> with respect to the <i>property</i> or any facility located on the <i>property</i> ?	Yes <input checked="" type="radio"/> No	Unk	Yes	No	Unk	
15b. Has the <i>owner</i> or <i>occupant</i> of the <i>property</i> been informed of the current existence of <i>hazardous substances</i> or <i>petroleum products</i> with respect to the <i>property</i> or any facility located on the <i>property</i> ?	Yes <input checked="" type="radio"/> No	Unk	Yes	No	Unk	
15c. Has the <i>owner</i> or <i>occupant</i> of the <i>property</i> been informed of the past existence of environmental violations with respect to the <i>property</i> or any facility located on the <i>property</i> ?	Yes <input checked="" type="radio"/> No	Unk	Yes	No	Unk	
15d. Has the <i>owner</i> or <i>occupant</i> of the <i>property</i> been informed of the current existence of environmental violations with respect to the <i>property</i> or any facility located on the <i>property</i> ?	Yes <input checked="" type="radio"/> No	Unk	Yes	No	Unk	
16. Does the <i>owner</i> or <i>occupant</i> of the <i>property</i> have any knowledge of any <i>environmental site assessment</i> of the <i>property</i> or facility that indicated the presence of <i>hazardous substances</i> or <i>petroleum products</i> on, or contamination of, the <i>property</i> or recommended further assessment of the <i>property</i> ?	Yes <input checked="" type="radio"/> No	Unk	Yes	No	Unk	
17. Does the <i>owner</i> or <i>occupant</i> of the <i>property</i> know of any past, threatened, or pending lawsuits or administrative proceedings concerning a release or threatened release of any <i>hazardous substance</i> or <i>petroleum products</i> involving the <i>property</i> by any <i>owner</i> or <i>occupant</i> of the <i>property</i> ?	Yes <input checked="" type="radio"/> No	Unk	Yes	No	Unk	
18a. Does the <i>property</i> discharge <i>waste-water</i> (not including sanitary waste or storm water) onto or adjacent to the <i>property</i> and/or into a storm water system?	Yes <input checked="" type="radio"/> No	Unk	Yes	No	Unk	Yes <input checked="" type="radio"/> No
18b. Does the <i>property</i> discharge waste water (not including sanitary waste or storm water) onto or adjacent to the <i>property</i> and/or into a sanitary sewer system?	Yes <input checked="" type="radio"/> No	Unk	Yes	No	Unk	Yes <input checked="" type="radio"/> No
19. Did you observe evidence or do you have any prior knowledge that any <i>hazardous substances</i> or <i>petroleum products</i> , unidentified waste materials, tires, automotive or industrial batteries, or any other waste materials have been dumped above grade, buried and/or buried on the <i>property</i> ?	Yes <input checked="" type="radio"/> No	Unk	Yes	No	Unk	Yes <input checked="" type="radio"/> No
20. Is there a transformer, capacitor, or any hydraulic equipment for which there are any records indicating the presence of <i>PCBs</i> ?	Yes <input checked="" type="radio"/> No	Unk	Yes	No	Unk	Yes <input checked="" type="radio"/> No

Government Records/Historical Sources Inquiry
(See guide, Section 10)

21. Do any of the following federal, state, or tribal government record systems list the *property* or any *property* within the search distance noted below (where available):

	Approximate Minimum Search Distance, miles (kilometres)		
Federal NPL site list	1.0 (1.6)	Yes	NO
Federal Delisted NPL site list	0.5 (0.8)	Yes	NO
Federal CERCLIS list	0.5 (0.8)	Yes	NO
Federal CERCLIS NFRAP site list	0.5 (0.8)	Yes	NO
Federal RCRA CORRACTS facilities list	1.0 (1.6)	Yes	NO
Federal RCRA non-CORRACTS TSD Facilities list	0.5 (0.8)	Yes	NO
Federal RCRA generators list		Yes	NO
Federal institutional control/engineering control registries		Yes	NO
Federal ERNS list		Yes	NO
State and tribal lists of hazardous waste sites identified for investigation or remediation:			
State and tribal equivalent NPL	1.0 (1.6)	Yes	NO
State and tribal equivalent CERCLIS	0.5 (0.8)	Yes	NO
State and tribal landfill and/or solid waste disposal site lists	0.5 (0.8)	Yes	NO
State and tribal leaking storage tank lists	0.5 (0.8)	Yes	NO
State and tribal registered storage tank lists		Yes	NO
State and tribal institutional control/engineering control registries		Yes	NO
State and tribal voluntary cleanup sites		Yes	NO
State and tribal Brownfield sites		Yes	NO

22. Based upon a review of fire insurance maps (10.2.3) or local street directories (10.2.3), all as specified in the guide, are any buildings or other improvements on the *property* or on an *adjoining property* identified as having been used for an industrial use or uses likely to lead to contamination of the *property*?

Yes No Unavailable

Result: _____

The Owner questionnaire answers were provided was completed by:

Name Frederick J. Sigur, Jr., Executor
 Title The Estate of Frederick J. Sigur
 Firm Post Office Box 59, Arabi, Louisiana 70032-0059
 Address Telephone - 504-279-0421
 Phone number 19 November 2010
 Date
 Role(s) at the site
 Number of years at the site
 Relationship to user (for example, principal, employee, agent, consultant)

The Occupant questionnaire answers were provided by:

Name
 Title Property is not occupied.
 Firm
 Address
 Phone number
 Date Property is vacant acreage.
 Role(s) at the site
 Number of years at the site
 Relationship to user (for example, principal, employee, agent, consultant)

The Site Visit questionnaire was completed by:

Name Stephen W. Phillippi, P.E.
 Title Regional President
 Firm Krebs, LaSalle, LeMieux Consultants, Inc.
 Address 1850 W. Causeway Approach, Suite 1
 Phone number Mandeville, LA 70471
 Date
 Relationship to user (for example, principal, employee, agent, consultant) 985-624-5125
 Relationship to user Consultant

The Government Records and Historical Sources Inquiry questionnaire was completed by:

Name
Title
Firm
Address

Phone number
Date
Relationship to site
Relationship to user (for example, principal, employee, agent, consultant)

User's relationship to the site (for example, owner, prospective purchaser, lender, etc.) **Owner**

If the preparer(s) is different from the user, complete the following:

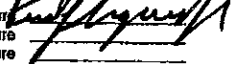
Name of User
User's address **N/A**

User's phone number **504-279-0421**

Copies of the completed questionnaires have been filed at:

Copies of the completed questionnaires have been mailed or delivered to:

Preparer represents that to the best of the preparer's knowledge the above statements and facts are true and correct and to the best of the preparer's actual knowledge no material facts have been suppressed or misstated.

Signature  Date **19 Nov 2010**
Signature _____ Date _____
Signature _____ Date _____

It is the user's responsibility to draw conclusions regarding affirmative or unknown answers.

7. Guide to Transaction Screen Questionnaire

7.1 The following sets forth the guide to the *transaction screen questionnaire*. The guide accompanies the *transaction screen questionnaire* to assist the preparer in completing the questionnaire. Questions found in the *transaction screen questionnaire* are repeated in the guide.

7.2 If the preparer completing the *transaction screen questionnaire* is familiar with the guide from prior usage, the questionnaire may be completed without reference to the guide.

7.3 The *site visit* portion of the guide considers most of the same questions set forth in the guide to *owner/occupant* inquiry because the *transaction screen process* requires both questions of *owners* and *occupants* of the *property* and observations of the *property* by the preparer.

7.4 Prior *transaction screen* usage procedures are contained in the guide to *owner/occupant* inquiry and the guide to government records/historical sources inquiry. The information supplied in connection with the *site visit* portion of a prior *transaction screen* may be used for guidance, but may not be relied upon without determining through a new *site visit* whether any conditions that are material to potential environmental concerns in connection with the *property* have changed since the prior *transaction screen*. Therefore, the guide to the *site visit* does not contain any prior assessment procedures.

7.5 In performing the *site visit* portion of the *transaction screen process*, the preparer should *visually and physically observe* the *property* and any structure located on the *property* to the extent not obstructed by bodies of water, cliffs, adjacent buildings, or other impassable obstacles.

7.5.1 The periphery of the *property* should be *visually and physically observed*, as well as the periphery of all structures on the *property*, and the *property* should be viewed from all adjacent public thoroughfares. Any overgrown areas should be inspected, including roads or paths with no apparent outlet that should be *visually and physically observed* to their ends.

7.5.2 On the interior of structures on the *property*, accessible common areas expected to be used by building occupants or the public (such as lobbies, hallways, utility rooms, and recreation areas), a representative sample of *owner* and *occupant* spaces, and maintenance and repair areas, including boiler rooms, should be *visually and physically observed*. It is not necessary to look under floors, above ceilings, or behind walls.

7.5.3 After completing the *site visit*, the preparer of the *transaction screen questionnaire* may obtain "yes" answers that require the preparer once again to ask questions of the *owner* of the *property* or *occupants* of the *property* to satisfy the user that no further inquiry is necessary.

7.6 In addition to asking questions of the *owner* of the *property* and *occupants* of the *property* (Section 8) and *visually and physically observing* the *property* (Section 9), the user completing the *transaction screen process* should determine, either from governmental agencies or through commercial services providing government environmental records, whether certain known or suspected contaminated sites or activities involving the release of *hazardous substances* or *petroleum products* occur on or near the *property*. See Section 10.

7.6.1 These records may be obtained either directly from the government agencies or from commercial services that provide the records for a fee. Because of the numerous sources that

APPENDIX G

MEMORANDUMS



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Metairie, La. 70002

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fax 504•837•9477

1580 W. Causeway App., Suite 1
Mandeville, LA 70471

voice 985•624•5125
fax 985•951•8425

251 Florida St., Suite 203
Baton Rouge, LA 70801

voice 225•387•0590
fax 225•387•0591

Memorandum

To:	FILE
From:	Stephen W. Phillippi, P.E.
Cc:	
Date:	October 25, 2010
Re:	Eastern Portion of Rigolets Estates Phase I ESA

A visit to the Site was conducted today, October 25, 2010, to investigate the site and look for any indicators of potentially hazardous substances. The site is bounded by US Highway 90 on the east, the Rigolets on the south, undeveloped portions of Rigolets Estates on the West and LA Highway 433 on the north. The Site had been mowed, as can be seen in the photographs. The only tall grasses and shrubbery were at the north, east and south edges of the site and that portion of the area belonging to the State at the northeast corner in the intersection of LA Highway 433 and US Highway 90. The remainder of the site was clear. The soil evident at the site appeared to be a silt-sandy mix of fill material with gravel or crushed stone in some locations. The ground at the time of the visit was firm and easily supported my vehicle's weight.

In examining the site there was I noticed no evidence of potentially hazardous materials. I saw no staining on the ground, sheens on standing water, or smelled any suspicious odors. I did notice a couple of tires in the open area of the Site. These were single tires and at different locations.

While at the site I did look at the marina areas on the east side of the road. I found nothing unusual at these locations. Most of these areas appeared well cared for and very little debris or trash was noticed. Discussions did not indicate any previous use of the Site for dumping or disposal of potentially hazardous materials.

At the time of the visit, the weather was partly cloudy and the temperature was approximately 82° F.

Where engineering and imagination converge