



# EARTH SEARCH, INC.

P.O. Box 770336, 4212 St. Claude Ave., New Orleans, LA 70177-0336

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## **Phase I Environmental Site Assessment**

**Eastover Country Club  
Phase II  
5690 Eastover Drive  
New Orleans, Orleans Parish, LA 70128**

**February 19, 2007**

**ESI Project No. 2007-04**

### **Prepared For:**

Mr. Travis D'Aquila  
Evenstar, Inc.  
1111 Veterans Memorial Boulevard  
Kenner, Louisiana, 70062

### **Prepared By:**

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Mr. Travis D'Aquilla  
Evenstar, Inc.  
1111 Veterans Memorial Boulevard  
Kenner, Louisiana, 70062

Re: Phase I Environmental Site Assessment  
Eastover Country Club, Phase II  
5690 Eastover Drive  
New Orleans, Orleans Parish, Louisiana, 70128  
ESI Project No. 2007-04

Dear Mr. Howell:

Enclosed please find two copies of a Phase I Environmental Site Assessment (ESA) for the above referenced Subject Property.

Earth Search, Inc. (ESI) has prepared this report in accordance with the current American Society for Testing and Materials standard (ASTM E1527-05). The ESA included a physical site inspection, review of a database search report of federal and state records, review of historical aerial photographs, city directories, and any additional inquiries that we felt necessary to properly evaluate the Subject Property.

The enclosed report represents the results of ESI's ESA with respect to the potential for the presence of environmental concerns at the Subject Property. The findings and conclusions of this report are subject to the specified limitations outlined therein.

ESI is pleased to be of service to you. As a partner in business, we recognize the importance of working closely with our clients to provide effective solutions. If you should have any questions or require additional services, feel free to contact me at 504-947-0737 or 904-251-4100.

Sincerely,  
Earth Search, Inc.

Cheryl L. Bommarito, MA, RPA  
Project Manager

Enclosures

cc: File No. 2007-04

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## EXECUTIVE SUMMARY

Earth Search, Inc. (ESI) has conducted a Phase I Environmental Site Assessment (ESA) for property described below:

**Property/Project Name:**  
Eastover Country Club, Phase II

**Address:**  
5690 Eastover Drive  
New Orleans, LA 70128

**Client:**  
Mr. Travis D'Aquilla, Evenstar, Inc.

**Intended User(s):**  
borrow pit

**Tax/Property IDs:**  
Parcel 2-R

**Property Size:**  
66 Acres

**Zoning:**  
Multiple zoning including golf course, residential, &  
Nonresidential (RO, B-2, and C-1)

**Improvements:**  
Golf Course and Residential

**Water/Sewer:**  
Water-Orleans Parish  
Sewer-Orleans Parish

**Heating Source:**  
None

**Inspection Date:** February 16, 2007  
**Inspector:** Cheryl L. Bommarito  
**Report Prepared By:** Cheryl L. Bommarito, MA, RPA  
**Report Completion Date:** February 19, 2007  
**ESI Project No.:** 2007-04

**Current Use:**  
Vacant

**Historic Use:**  
Undeveloped, livestock, agriculture

**Adjacent Property Use:**  
South-Residential & Dwyer Road  
East- Paris Road  
North-I-10 & I-510  
West-Toyota Dealership

**On-Site *Recognized Environmental Conditions (RECs):***  
None

**Off-Site *RECs:***  
None

***Historic RECs (HRECs):***  
None

**Exceptions and Significant Assumptions:**  
No significant assumptions were made as part of  
this Phase I ESA.

ESI has performed a Phase I ESA in conformance with the scope and limitations of ASTM Practice E 1527-05 for the Subject Property. Any exception to, or deletions from, this practice are described in Sections 1.5 and 10.0 of this report.

**PHASE I ENVIRONMENTAL SITE ASSESSMENT  
EASTOVER COUNTRY CLUB, PHASE II  
5690 EASTOVER DRIVE  
NEW ORLEANS, ORLEANS PARISH, LOUISIANA, 70128**

**1.0 INTRODUCTION**

Mr. Travis D'Aquilla, representative for Evenstar, Inc. (Evenstar), contracted Earth Search, Inc. (ESI) to perform a Phase I Environmental Site Assessment (ESA) at the former golf course (Eastover Country Club) located at 5690 Eastover Drive, New Orleans, Orleans Parish, Louisiana (Subject Property). ESI has prepared this report solely for the use of Evenstar.

The Subject Property consists of a single parcel located at 5690 Eastover Drive in New Orleans, Louisiana. The Subject Property is currently developed as a gated golf course community. The golf course consisted of a 36 holes surrounded by 265 single-family residential homes. The entire property is approximately 325 acres. In August 2005, the area was devastated by Hurricane Katrina and 80 percent of the infrastructure to Eastover Country Club has been restored, except for the 66 acres of the former golf course which is the focus of this report. The focus area is not occupied and the grounds are maintained.

**1.1 Author and Date Prepared**

ESI was retained by Evenstar to prepare a Phase I ESA in accordance with ASTM Standard E 1527-05. This report was prepared and reviewed by Cheryl L. Bommarito, representative of ESI. Cheryl L. Bommarito credentials may be found in Appendix A. The ESA was completed on February 19, 2007.

**1.2 Purpose**

The objective of this Phase I ESA was to determine whether past or present activities on or adjacent to the Subject Property have adversely impacted Subject Property soil and/or groundwater. The Phase I ESA is utilized to identify *Recognized Environmental Conditions (RECs)* in connection with the Subject Property. A *REC* means 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, groundwater, or surface water of the property. The term is not intended to include *de minimis* 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.

The Phase I Environmental Assessment report was produced in accordance with the American Society for Testing and Materials regulations (ASTM E 1527-05). This report is intended to permit a qualified user to satisfy one of the requirements to qualify for the innocent landowner defense to liability under the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA). This report comprises "all appropriate inquiry into the previous ownership and uses of the property consistent with good commercial or customary practice" as defined in 42 U.S.C.A. §9601(35) (b).

It is also the intention of ESI that this report permit a qualified user to satisfy one of the requirements to qualify for the bona fide prospective purchaser and contiguous property owner provisions defined under CERCLA §107(r) and 107(q), respectively.

### **1.3 Detailed Scope of Services**

This ESA was undertaken to identify areas of potential environmental concern or evidence of chemical contamination within the limits of the Subject Property and/or as visually observed immediately adjacent to the Subject Property on the day of our site reconnaissance.

In accordance with the ASTM Practice E 1527-05, ESI performed a site reconnaissance of the Subject Property, noted use of adjacent properties, and conducted an historical and regulatory records search. No subsurface investigation or sampling of environmental media was undertaken as part of this ESA. The scope of services included, but was not limited to, the following:

- Visual observations of the Subject Property, structures, and surrounding properties were made to identify potential sources or indications of chemical contamination such as underground storage tanks (USTs); aboveground storage tanks (ASTs), potential sources of polychlorinated biphenyls (PCBs), chemicals and hazardous materials, and areas with surface stains or distressed vegetation.
- A review of historical Sanborn® Fire Insurance Maps, aerial photographs and other available historical resources for the Subject Property and adjacent properties was conducted to evaluate previous uses, which may have had potential environmental impacts.
- Subject Property representative, Subject Property owner and parish and local officials familiar with the Subject Property were interviewed regarding possible past or present use of potentially hazardous materials at the Subject Property.
- A review of available federal and state databases for contaminated sites and environmental compliance to identify use, generation, storage, treatment, or disposal of hazardous materials, or releases of such materials that may impact the Subject Property.
- A review of publicly available information pertaining to regional geology to approximate the potential groundwater flow direction and geologic conditions in the vicinity of the Subject Property.

ESI has performed a Phase I ESA in conformance with the scope and limitations of ASTM Practice E 1527-05 for the Subject Property. Any exception to, or deletions from, this practice are described in Sections 1.5 and 10.0 of this report.

### **1.4 Significant Assumptions**

No significant assumptions were made as part of this Phase I ESA.

### **1.5 Limitations and Exceptions**

The site reconnaissance procedures and this report have been developed considering various federal, state, and local laws and regulations, including the Comprehensive

Environmental Response, Compensation and Liability Act (CERCLA/Superfund) and its 1986 Amendments (SARA).

This study was restricted to observations made during ESI's reconnaissance of the Subject Property and research into its history. This study is not a regulatory compliance audit, and as such, the scope of work of this Phase I ESA did not address compliance of Subject Property operations with any federal, state, or local statutes, regulations, ordinances, or codes. It also did not include the collection or analysis of any samples of air, soil, wastes, or building materials.

Sketches, floor plans, and maps used in this report are included to aid the visual understanding of the reader and should not be considered surveys or engineering studies. In preparing this report, ESI has relied upon certain verbal information and representations provided by state and local government and Subject Property employees, and upon documents in federal, state, and local government agency files. ESI did not attempt to independently verify the accuracy or completeness of this information, but did not detect any inconsistency or omission of a nature that might call into question the validity of any of this information, except as indicated in the text above. To the extent that the conclusions in this report are based in whole or in part on such information, they are contingent on its validity.

No Phase I ESA can wholly eliminate uncertainty regarding the potential for *RECs* concerning a Subject Property. Performance of this Phase I ESA is intended to reduce, but not eliminate, uncertainty regarding the potential for *RECs* in connection with the Subject Property, recognizing the limits of time and cost.

Appropriate inquiry does not mean an exhaustive assessment of a clean property. This ESA was completed recognizing that there is a point at which the cost of information, or the time required to gather it, outweighs its usefulness and, in fact, becomes a material detriment to the orderly completion of the project in which it is intended to support. Therefore, this ESA was performed balancing the competing goals of limiting costs and time demands in performing the ESA and the reduction of uncertainty about unknown conditions that might have otherwise been resolved from additional information.

ESI represents that, within the limitations of the agreed upon scope of work, this work has been undertaken and performed in a professional manner, in accordance with generally accepted practices, using the degree of skill and care ordinarily exercised by reputable environmental consultants under similar circumstances. No other warranty, expressed or implied, is made. Specifically, ESI does not and cannot represent that the Subject Property contains no hazardous material, oil, or other latent condition beyond that observed by ESI during the Phase I ESA. This report does not warrant against future operations or conditions.

ESI reviewed past ownership of the Subject Property in an attempt to determine past Subject Property use. ESI is not a professional title insurance firm and makes no guarantee, explicit or implied that the listing that was reviewed represented a comprehensive delineation of past Subject Property ownership or tenancy for legal purposes.

## **1.6 Special Terms and Conditions**

In preparing this report, ESI made no attempt to independently verify the accuracy or completeness of information received from or reviewed by federal, state and local regulatory agencies or the entities interviewed during the course of this ESA.

## **1.7 User Reliance**

This study and report have been prepared on behalf and for the exclusive use of EVENSTAR solely for use in an environmental evaluation of the Subject Property. This report and the findings contained herein shall not, in whole or in part, be disseminated or conveyed to any other party, nor be used by any other party in whole or in part, without the prior written consent of ESI.

## **2.0 DESCRIPTION**

### **2.1 Location and Legal Description**

The Subject Property is located at 5690 Eastover Drive in New Orleans, Orleans Parish, Louisiana. A Site Location Map and a Site Map are attached as Figures 1 and 2. Site photographs can be found in Appendix B.

**Address:**

5690 Eastover Drive, New Orleans, Orleans Parish, Louisiana 70128

**Parcel Identification Number:**

Parcel No. 2-R

### **2.2 Site and Vicinity General Characteristics**

The Subject Property is located in an area consisting of residential and commercial properties. Toyota of New Orleans dealership is located northwest of Subject Property followed by the I-10 Service Drive and Interstate I-10. Residential areas are located south of Subject Property followed by Dwyer Road. Bullard Avenue is located southwest and the connector for Interstate I-10 and 5-10 is immediately northeast of Subject Property. Paris Road is east of Subject Property. The Subject Property includes a developed golf course with concrete sidewalks, fairways, parking lots, and driveways. A clubhouse and maintenance building also exist. Houses are built along the golf course.

Eastover Country Club surrounds the focus area followed by residential housing. Gannon Canal is adjacent southwest of the focus area. The focus area is maintained but is unoccupied. Numerous man-made ponds, concrete sidewalks, and the former fairways are located throughout.

The topography of the Subject Property and the vicinity was mostly flat with a gentle slope towards the south-southwest and has an elevation of approximately 6 feet below mean sea level.

### **2.3 Current Use of the Subject Property**

At the time of this ESA, the Subject Property was currently developed as a gated golf course community. The Subject Property is one parcel, rectangular shaped and approximately 325 acres in size. There is one golf course surrounded by 265 single family residential homes. The focus area was a former golf course but was damaged in 2005 by Hurricane Katrina. The focus area is irregular shaped parcel and is approximately 66 acres. The focus area is maintained but unoccupied.

All public utilities including water, sewer, telephone, electricity, and natural gas are supplied to Subject Property.

Refer to Figure 2 - Site Map and Appendix B, Photographs with Descriptions.

### **2.4 Current Uses of Adjoining Properties**

The adjacent properties site reconnaissance consisted of visually inspecting the properties immediately adjacent to the Subject Property. The properties were inspected from the perimeter of the Subject Property and from accessible public right-of-ways. The Subject Property is located in an area consisting of residential and commercial properties. Toyota of New Orleans dealership is located northwest of Subject Property followed by the I-10 Service Drive and Interstate I-10. Residential areas are located south of Subject Property followed by Dwyer Road. Bullard Avenue is located southwest and the connector for Interstate I-10 and 5-10 is immediately northeast of Subject Property.

## **3.0 USER PROVIDED INFORMATION**

### **3.1 Title Records**

ESI was not provided with information with respect to title records.

### **3.2 Environmental Liens or Activity and Use Limitations**

Environmental Data Resources, Inc. (EDR) was retained to research any environmental liens or Activity and Use Limitations (AULs) at the Subject Property and to review recorded land title records and lien records. The results of the title review were:

- No environmental liens or AULs were found.

The client is not aware of any environmental cleanup liens against the Subject Property that are filed or recorded under federal, tribal, state or local law. The client is not aware of any AULs, such as engineering controls, land use restrictions or institutional controls that are in place at the Subject Property and/or have been filed or recorded in a registry. The Environmental Lien Abstract from EDR is provided in Appendix C.

### **3.3 Specialized Knowledge**

ESI was not provided with any specialized knowledge pertaining to the Subject Property.

### 3.4 Valuation Reduction for Environmental Issues

ESI was not provided with any information, which indicated any valuation reduction for the Subject Property.

### 3.5 Reason for Performing Phase I ESA

ESI was retained by Evenstar to perform this Phase I ESA as part of due diligence activities at Subject Property.

### 3.6 Intended Use of the Subject Property

According to Evenstar, approximately 66 acres of the Subject Property will be used as borrow pit by the United States Corp of Engineers (USACE) for the construction of levees and the site will become a retention pond for flood control.

## 4.0 RECORDS REVIEW

### 4.1 Standard Environmental Record Sources

To facilitate the review of standard environmental record sources, in accordance with ASTM E 1527-05 §7.1.7, ESI contracted with Environmental Data Resources, Inc. (EDR) to gather the available and appropriate governmental agency information. EDR's database search was conducted using the approximate minimum search distances from the Subject Property defined by ASTM E 1527-05 §7.2.1.1. EDR's Radius Map Report, dated February 14, 2007, is attached as Appendix D. The following Sections discuss the sites identified by the EDR report.

Database	Minimum Search Distance	No. of Sites
<b>FEDERAL DATABASES</b>		
National Priority List (NPL)/Superfund	1.5 mile	0
NPL Liens	Subject Property	0
Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS)	1 mile	0
CERCLIS No Further Remedial Action Planned (NFRAP) Sites List	Subject Property and adjoining properties	0
Resource Conservation and Recovery Information System (RCRIS)/Treatment Storage and Disposal facilities	½ mile	0
RCRIS Corrective Action Report (CORRACTS)	1.5 mile	0
RCRA Administrative Action Tracking System (RAATS)	Subject Property	0
RCRIS/Generators Large and Small Quantity	0.75 Mile	1
Department of Defense (DOD)	1.5 Mile	0
RCRA Corrective Action Activity (CORRACTS)	1 Mile	0
Hazardous Materials Information Reporting System (HMIRS)	Subject Property	0
Material Licensing Tracking System (MLTS)	Subject Property	0
Toxic Release Inventory System (TRIS)	Subject Property	0
Toxic Substances Control Act (TSCA)	Subject Property	0

PCB Activity Database System (PADS)	Subject Property	0
Facility Index System (FINDS)	Subject Property	1
Emergency Response Notification System (ERNS)	Subject Property	0
STATE DATABASES		
State Hazardous Waste Sites (SHWS)	1.5 mile	0
State Landfills	1 mile	0
Leaking Underground Storage Tank (LUST) List	1 mile	0
Registered Underground Storage Tanks (USTs)	Subject Property and adjoining properties	2
Debris	½ mile	0
Drycleaners	¼ mile	0
Spills	Subject Property	0

#### 4.1.1 Subject Property Status

EDR's report identified three sites listed on the various databases within the ASTM approximate minimum search distances from the Subject Property. ESI has reviewed EDR's data presented for these sites and evaluated them based on the information provided, their regulatory status (according to EDR's report), their distance from the Subject Property, and the general hydrogeology of the region.

The following sites were determined to be of a nature that may pose a threat to the subsurface at the Subject Property:

- Eastover Country Club (maintenance building) located at 6820 Leggett Road, New Orleans was identified as a Conditionally Exempt Small Quantity Generator (Site ID LA0000886374). The site is located approximately 300 feet southwest from the focus area. According to the EDR report, the site is listed under the Facility Index System/Facility Registry System (FINDS). The site is listed as an exempt small quantity generator and no violations were found. ESI conducted a file review for this site at the Environmental Protection Agency (EPA) website (included in Appendix D). The information on file stated the site is in compliance and no violations have been reported.
- Marine Fuel & Catering is located at Fuel Pier 1 South Shore Harbor, New Orleans, LA, approximately 212 feet southwest of the focus area. According to the EDR report, the site is listed as a registered underground storage tanks (USTs) facility. Two 12,000 gallon USTs containing gasoline were registered and installed in 1987. The facility status is closed and ESI reviewed files from the Louisiana Department of Environmental Quality (LDEQ) and the site is in compliance and no releases have been reported from the UST system.
- Bill Watson Ford Dealership is located at 13040 I-10 Service Road in New Orleans, LA, is located 0.25 miles north of the focus area. According to the EDR report, the site is listed under the Facility Index System/Facility Registry System (FINDS). The site is listed as a small quantity generator and no violations were found. ESI conducted a file review for this site at the Environmental Protection Agency (EPA) website (included in Appendix D). The information on file stated the site is in

compliance and no violations have been reported. According to the EDR report, the site is listed as a registered underground storage tanks (USTs) facility. One 560 gallon UST containing waste oil was installed in 1985 and removed in 1997. ESI reviewed files from the Louisiana Department of Environmental Quality (LDEQ) and the site is in compliance and no releases have been reported from the UST system.

Due to their status (no releases reported), distance from the Subject Property, and/or the regional hydrogeology, the sites are not likely to pose a threat to the subsurface at the Subject Property.

#### **4.1.2 Remaining Properties Status**

EDR's report did not identify any sites listed on the various databases within the ASTM approximate minimum search distances from the Subject Property.

#### **4.1.3 Un-Mappable "Orphan" Sites**

Due to poor information or inadequate address information, EDR is unable to map some sites identified in the database report. These sites may or may not be located within the required search radii for each database. ESI reviewed the information provided by EDR for the identified "orphan" sites and determined that they were of a nature that is not considered a concern requiring additional investigation, and/or far enough from the Subject Property not to be considered a concern requiring additional investigation.

### **4.2 Additional Environmental Records Sources**

#### **4.2.1 Local Fire/Sheriff Department**

ESI interviewed personnel at several of the New Orleans Fire Departments to determine if any information is maintained on file regarding potential environmental concerns, such as USTs/ASTs and hazardous material storage or spills at the Subject Property and about past incidences involving the Fire Department and/or HAZMAT team. According to the personnel, they need an exact date of the incident. Without an exact date of an incident, they are unable to research the history of the site. The department's personnel did state that most of their records in East Orleans were destroyed by Hurricane Katrina.

#### **4.2.2 Local Health Department**

The New Orleans Health Department was contacted in an attempt to obtain any information the department might have regarding environmental contamination incidents involving the Subject Property. No information was available on Subject Property or adjacent properties.

### **4.3 Physical Setting Sources**

ESI reviewed available geological sources to determine the physical setting of the Subject Property.

According to a U.S. Geological Map of Louisiana, published by the Louisiana Geological Survey in 1984, the surface geology at the Subject Property consists of Holocene age terraces and flood plains. According to the U.S. Department of Agriculture (USDA) Soil Conservation Service (SCS) Soil Survey and EDR's Geocheck Physical Setting Source Summary (included in Appendix D), the regional geology in the area of the Subject

Property consists primarily of a stratified sequence of clays called Harahan Clay. The map unit consists of areas where 25% to 75% of the surface is covered by asphalt, concrete, buildings, or other impervious surfaces. The Harahan Clay is a level, poorly drained, very slowly permeable, non-acidic mineral soil in low positions on the natural levees of the Mississippi River. It is in former swamps, and is firm in the upper part and slightly too very fluid in the lower part. The water table is normally at 1 to 3 feet below grade level (BGL). Slope is less than 0.5%.

Review of the United States Geologic Society (USGS) "Little Woods, Louisiana" 7.5 Minute, Topographic Map indicated that the Subject Property is located at an elevation of approximately 6 feet above mean sea level. The Subject Property is generally flat, with a gentle slope towards the southwest. Regional groundwater flow is expected to be south-southwest. However, local groundwater flow may vary as a result of underground utilities, heterogeneous subsurface features, and seasonal fluctuations, among other factors. The Subject Property potentially could receive significant amounts of stormwater run-off from adjacent properties. Properties adjacent to Subject Property likely do not receive significant amounts of stormwater run-off from Subject Property.

#### **4.4 Historical Use Information on the Property**

##### **4.4.1 Local Assessor's Tax Files**

ESI reviewed records pertaining to the Subject Property at the New Orleans Property Assessors office. Legal descriptions, zoning information, construction dates, and owner information were obtained during the records review. Zoning information indicated that the Subject Property is under multiple zoning designations including golf course, residential, and non-residential, RO, B-2, and C-1. The owners of Subject Property is Eastover Country Club, LLC.

##### **4.4.2 Local Building Department**

ESI reviewed records pertaining to the Subject Property at the New Orleans Building Department. A 1986 land survey performed by J.J. Krebs and Sons, Inc. of the boundaries of Subject Property were reviewed. The Subject Property has been occupied and developed since 1985. It is currently developed as a single-family residential housing with a golf course onsite.

Improvements of the Subject Property included the two golf courses, with concrete and paved sidewalks, parking lots, and driveways. A clubhouse and maintenance building also exist onsite. Houses are built along the golf courses. The focus area was part of a former golf course which was destroyed by Hurricane Katrina in 2005. This area has not been redeveloped and is currently vacant. The remainder of the Subject Property has been restored to its original condition.

##### **4.4.3 Local Street Directories**

City Directories, when available, list the names and types of businesses that formerly occupied the Subject Property and/or adjacent properties for the years researched. A city directory abstract is generally prepared at 5-year intervals, as prescribed by ASTM E 1527-05.

City Directories were available from 1925 to 2003; no listings were identified for 5690 Eastover Drive from 1925 to 1994. The Subject Property was identified as Eastover businesses affiliated with Eastover Country Club from 1994 to 2003. Adjacent properties were not listed from 1925 through 1994. Adjacent residential owners were identified from 1994 through 2003. A copy of EDR's City Directory Abstract is attached in Appendix E.

#### **4.4.4 Fire Insurance Maps**

Sanborn<sup>®</sup> Fire Insurance Maps were initially produced for the insurance industry to provide information on the fire risks of buildings and other structures. The information contained on the maps has become a valuable historical resource, since particular attention was paid to building construction materials and the presence of above and underground storage tanks that may have stored flammable materials. One Fire Insurance Map prepared by Sanborn<sup>®</sup> was available for review. The map was dated for 1994 and no environmental concerns were noted. A copy of EDR's Sanborn Fire Insurance Map Abstract is attached in Appendix E.

#### **4.4.5 Aerial Photographs**

ESI searched for historical aerial photographs pertaining to the Subject Property at the United States Corp of Engineers (USACE) New Orleans office, the Louisiana State University (LSU) digital archives and physical archives. ESI also requested aerial photographs of the Subject Property from EDR. Aerial photographs were provided by the United States Geological Survey (USGS) for 1952, 1965, 1972, 1973, 1975, 1994, 1996, and 2005. Aerial photographs are included as Figures 3-7. The observations made from the aerial photographs are limited by the scale and resolution.

The 1952 aerial photograph depict the Subject Property and surrounding area as undeveloped wooded land. The 1951 aerial photograph depicted the adjacent properties to the south, east, and west as undeveloped wooded land. Residential and commercial properties are further northwest of Subject Property. A series of canals are located on Subject Property running northwest to southeast.

The 1965, 1972, 1973, 1975 aerial photographs depicted the Subject Property and surrounding properties as being similar to the previous aerial photographs.

The 1994, 1998, and 2005 depicted the Subject Property and surrounding properties visible as they were observed during the field reconnaissance.

#### **4.4.6 Historical Topographic Maps**

Historical Topographic Maps is a screening tool designed in evaluating potential liability on a target property resulting from past activities. Historical Topographic Map Report provided by EDR includes a search of available public and private color historical topographic map collections. For more than a century, the USGS has been creating and revising topographic maps for the entire country. Historical topographic maps provided by EDR are 1938, 1951, 1967, 1972, 1979, 1983, 1994, and 1998. Historical topographic maps are included in Appendix E.

The 1938 through 1979 historical topographic maps depicted the Subject Property and surrounding properties as being undeveloped. Three canals run northwest to southeast across Subject Property.

The 1994 and 1998 depicted the Subject Property and surrounding properties visible as they were observed during the field reconnaissance.

#### **4.5 Previous Reports**

A Phase I Due Diligence Environmental Site Assessment Report prepared by Hydrodyne Environmental, Inc. of Metairie, Louisiana on February 23, 2004 was reviewed.

### **5.0 SITE RECONNAISSANCE**

On February 16, 2007, Cheryl L. Bommarito of ESI visited the Subject Property for the purpose of making observations relative to the possible presence of *RECs* at the Subject Property and vicinity.

At the time of the site reconnaissance, the weather was sunny and visibility at the Subject Property was good. Ms. Bommarito viewed the entire interior portion of the Subject Property buildings, and viewed the exterior of the Subject Property and adjacent properties from the perimeter of the Subject Property.

A Site Location and Site Map are attached as Figures No. 1 and 2, respectively. Color photographs and a Site Reconnaissance Checklist are attached as Appendices B and F, respectively.

#### **5.1 General Discussion of Interior Observations**

During the site reconnaissance, a golf course, maintenance building, clubhouse, and 265 residential houses were present at Subject Property. Only one building used as a restroom was noted in the focus area. No basement or any underground pits were observed, except a septic tank located behind the building. The exterior of the building was wood frame with stucco exterior and a shingle roof.

#### **5.2 General Discussion of Exterior Observations**

At the time of this ESA, the Subject Property was currently developed as a gated golf course community. The Subject Property is one parcel, rectangular shaped and approximately 325 acres in size. There is one golf course surrounded by 265 single family residential homes.

The site reconnaissance was limited to the focus area. The focus area was a former golf course but was damaged in 2005 by Hurricane Katrina. The focus area is irregular shaped parcel and is approximately 66 acres. The focus area is maintained but unoccupied. The focus area consists of numerous man-made ponds, former golf fairways and concrete paths. Gannon Canal is adjacent northwest and the active golf course fairway surrounds the remainder of the focus area.

Heavy equipment is stored in the focus area and excavation has begun in the north corner. No improper environmental management practices were observed in the focus area. No environmental concerns were observed in the focus area, such as unusual odors or air emissions, land filling dumping, industrial or manufacturing activities. No improper environmental practices were observed from the heavy equipment staged onsite. No leaks, spills, releases from the equipment were observed during site

reconnaissance. Soils stockpiles were noted by the excavation and a temporary road with crushed concrete was observed in the focus area.

### **5.3 Other Observations**

At the time of this ESA, no other observations were noted.

### **5.4 Site Inspection Observations**

#### **5.4.1 Utilities**

All public utilities, including water, sewer, surface drainage, telephone, cable television, electricity, and natural gas are provided to Subject Property.

There are two properly maintained septic tanks located on Subject Property, one for the bathroom facility located on each golf course. One of the septic tanks is located in the focus area. No visual evidence of any storm drains or other wastewater systems was noted in the focus area during this ESA. No surficial evidence of additional subgrade utilities, wells, or dry wells was observed on-site in the focus area during ESI's inspection.

#### **5.4.2 Suspect Polychlorinated Biphenyl (PCB) Containing Equipment**

The Subject Property and immediate vicinity were viewed for the presence of PCB containing equipment, such as electrical transformers, capacitors, and hydraulic equipment. PCBs were historically used as the di-electric fluid in transformers, and capacitors because of their fire retarding characteristics and resilience. It was these very characteristics, which led to their inclusion as a hazardous substance and the subsequent ban on their production.

##### **Transformers**

During the site reconnaissance, no pole or pad-mounted transformers were observed on the Subject Property.

##### **Other Potential PCB-Containing Equipment**

ESI did not observe any other equipment suspected of containing PCBs on the Subject Property.

#### **5.4.3 Underground Storage Tanks (USTs)**

The Subject Property was visually inspected for the presence of USTs. No visual evidence indicating the current presence of USTs (i.e. vent pipes, fill ports, etc.) was observed on-site.

None of the neighboring properties had any visual evidence of fill ports, pump islands, or vent pipes that would indicate the existence of USTs when observed from the Subject Property or points of public access.

#### **5.4.4 Aboveground Storage Tanks (ASTs)**

The Subject Property was visually inspected for the presence of ASTs. Three ASTs were observed to exist on Subject Property. One AST was located near the clubhouse and golf cart storage building, and is surrounded by a concrete dike providing secondary containment. Retif oil is the party responsible for the fueling and maintenance of the AST. Two ASTs were located on the side of the maintenance building. These are also surrounded by a concrete dike of sufficient capacity/size to provide secondary containment. No visual evidence indicating the current presence of ASTs (i.e. vent pipes, fill ports, etc.) was observed in the focus area.

None of the other neighboring properties had any visual evidence that would indicate the presence of ASTs when observed from the Subject Property or points of public access.

#### **5.4.5 Other Chemical Storage/Potentially Hazardous Materials**

No evidence of the generation or improper storage or disposal of hazardous waste was observed on Subject Property, other than a parts washer located at the onsite maintenance building. The parts washer is owned and maintained by Safety-Kleen. There was no evidence of malfunction or improper usage of the parts washer. Safety Kleen prepares the annual Hazardous Waste report for Eastover Country Club, which is submitted to the LDEQ. ESI did observe several small (1-gallon or less) consumer packaged containers of household cleaning supplies and automotive products inside the metal building. ESI did not observe any other storage containers of significant size on the Subject Property.

No chemical storage or potentially hazardous materials were observed in the focus area.

#### **5.4.6 Other Conditions of Potential Concern**

The Subject Property was also observed for construction and demolition debris, dry wells, pits, ponds or lagoons, odors, stressed vegetation, abandoned containers. None of these items were observed.

Minor surface staining was noted inside the maintenance garage, the staining was noted on a concrete surface. Pesticides, insecticides, herbicides, or fertilizers were noted to be properly stored and applied onsite. There are two licensed personnel at Eastover Country Club for use and application of the herbicides, pesticides, and insecticides. According to the licensed personnel, none of these applications have been applied to the focus area since Hurricane Katrina in August 2005.

## **6.0 INTERVIEWS**

### **6.1 Property Owner/Operator/Manager**

At the time of the reconnaissance, ESI interviewed Mr. Donnie Pate, the developer of Eastover Country Club, LLC. Mr. Pate indicated that the Subject Property began development in 1985 with construction of the first 18-hole golf course, which was completed in 1987. The second golf course was begun in 1998 and completed in 2000. Mr. Pate indicated that the second golf course was destroyed by Hurricane Katrina in 2005 (focus area) and 66 acres will not be redeveloped. Mr. Pate the surrounding fairways around the focus area were repaired after the storm. Mr. Pate indicated that Lake Forest,

Inc. owned the land that is currently Eastover Country Club, LLC and has owned it for approximately 40 years. Lake Forest, Inc. owns several thousand additional acres in the New Orleans East area. Mr. Pate indicated there was no development east of Bullard Avenue prior to the development of Eastover Country Club. Mr. Pate was not aware of the current status of any subsurface contamination, nor was he aware of any additional environmental concerns at or surrounding the Subject Property.

Mr. Gary Brouillette, Golf Course Superintendent, indicated there were no wells noted onsite. He did indicate that there were two septic tanks located at each golf course for the bathroom facilities. Mr. Brouillette also indicated the septic tanks are maintained and there were no waste treatment systems located at Subject Property. Mr. Brouillette was not aware of the current status of any subsurface contamination, nor was he aware of any additional environmental concerns at or surrounding the Subject Property.

ESI interviewed other personnel with Eastover Country Club. According to the personnel, the grounds of the focus area have not been used or developed. The grounds are maintained but have not been sprayed with chemicals since Hurricane Katrina in 2005.

ESI interview Mr. Travis D'Aquila with Evenstar, he was not aware of the current status of any subsurface contamination, nor was he aware of any additional environmental concerns at or surrounding the Subject Property. Mr. D'Aquila did state that heavy equipment is staged at the focus area and excavation has begun in the northern corner. Mr. D'Aquila is not aware of any spills or leaks from the heavy equipment at the site.

The Site Reconnaissance Checklist and Environmental Questionnaire are included in Appendix F.

## **6.2 Occupants**

No occupants are in the focus area of Subject Property.

## **6.3 Government Officials**

ESI interviewed Mr. Guzzardo with the Southeast Regional Office of the LDEQ regarding the Eastover Country Club. Mr. Guzzardo indicated the only correspondence from their office was an incident in April 2003 in which a resident at Eastover complained of foul odors from fill placed on the exiting golf practice driving range. The LDEQ investigated and also sampled the fill and found no evidence of contamination. A copy of the LDEQ correspondence is included in Appendix G.

ESI interviewed Ms. Judy at the Louisiana Public Health Department on February 12, 2007. Ms. Donna indicated she is not familiar with Subject Property or has any incidents reported in her files.

## **7.0 FINDINGS**

While conducting this Phase I ESA, ESI noted the following known or suspect environmental conditions associated with the Subject Property:

- Eastover Country Club (maintenance building) located at 6820 Leggett Road, New Orleans was identified as a Conditionally Exempt Small Quantity Generator (Site ID

LA0000886374). The site is located approximately 300 feet southwest from the focus area. According to the EDR report, the site is listed under the Facility Index System/Facility Registry System (FINDS). The site is listed as a exempt small quantity generator and no violations were found. ESI conducted a file review for this site at the Environmental Protection Agency (EPA) website. The information on file stated the site is in compliance and no violations have been reported.

- Marine Fuel & Catering is located at Fuel Pier 1 South Shore Harbor, New Orleans, LA, approximately 212 feet southwest of the focus area. According to the EDR report, the site is listed as a registered underground storage tanks (USTs) facility. Two 12,000 gallon USTs containing gasoline is registered and was installed in 1987. The facility status is closed and ESI reviewed files from the Louisiana Department of Environmental Quality (LDEQ) and the site is in compliance and no releases have been reported from the UST system.
- Bill Watson Ford Dealership is located at 13040 I-10 Service Road in New Orleans, LA, is located 0.25 miles north of the focus area. According to the EDR report, the site is listed under the Facility Index System/Facility Registry System (FINDS). The site is listed as a small quantity generator and no violations were found. ESI conducted a file review for this site at the Environmental Protection Agency (EPA) website. The information on file stated the site is in compliance and no violations have been reported. According to the EDR report, the site is listed as a registered underground storage tanks (USTs) facility. One 560 gallon UST containing waste oil was installed in 1985 and removed in 1997. ESI reviewed files from the Louisiana Department of Environmental Quality (LDEQ) and the site is in compliance and no releases have been reported from the UST system.

## 8.0 OPINIONS

It is ESI's professional opinion that condition one through three above constitutes a *RECs*, as it is current concern that has not been historically addressed to the satisfaction of current government regulations and cannot be designated "*de minimis*," as defined by Section 1.1.1 of ASTM E1527-05.

Due to their status (no releases reported), distance from the Subject Property, and/or the regional hydrogeology, the sites are not likely to pose a threat to the subsurface at the Subject Property.

## 9.0 CONCLUSIONS

ESI has performed a Phase I ESA in conformance with the scope and limitations of ASTM Practice E 1527-05 for the Subject Property. Any exception to, or deletions from, this practice are described in Sections 1.5 and 10.0 of this report. The ESA has revealed no *REC* in connection with the Subject Property.

It is ESI's professional opinion that this Phase I ESA was conducted in a manner that is consistent to permit a qualified user to satisfy one of the requirements to qualify for the innocent landowner defense to liability under the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA). This report comprises "all appropriate inquiry into the previous ownership and uses

of the property consistent with good commercial or customary practice" as defined in 42 U.S.C.A. §9601(35)(b).

## **10.0 DEVIATIONS**

ESI did not deviate from the practice E1527-05 during this Phase I ESA.

## **11.0 NON-SCOPE CONSIDERATIONS**

### **11.1 Wetlands**

According to the United States Army Corps of Engineers (USACE) letter dated March 13, 2000, the Subject Property is not in a wetland subject to the USACE jurisdiction. The expiration date of the letter was prepared of five years from its date, however; Mr. Pate believes this was updated the USACOE, but all paperwork was destroyed by Hurricane Katrina. No wetlands delineation was conducted as part of this Phase I ESA report. A copy of the March 13, 2000 letter is included in Appendix E.

### **11.2 Suspect Asbestos Containing Materials (ACMs)**

Asbestos, a naturally occurring mineral having useful and beneficial properties, was widely used for decades in many residential, commercial, and industrial construction applications. It is these unique characteristics that made asbestos a common constituent of building and insulation materials. Asbestos is a known human carcinogen when inhaled and poses serious health risks to both individuals and to large populations. By June of 1978, the federal government had banned the use of friable ACMs. Even though the government banned use of these materials, ACMs were often available for installation. Because the pathway of concern is inhalation, ACMs pose a threat when they are in a friable (easily powdered) condition.

No ACMs were noted on the Subject Property at the time of the site reconnaissance.

### **11.3 Lead-Based Paint**

The Subject Property was visually inspected for the presence of flaking or peeling paint. The United States Environmental Protection Agency (USEPA) and the Housing and Urban Development (HUD) Agency are the regulatory agencies with jurisdiction over lead-based paint, which is a concern in structures built prior to 1978. Lead can present both an occupational, as well as an environmental exposure potential.

Lead-based paints were not noted on the Subject Property at the time of site reconnaissance.

### **11.4 Radon**

According to the Federal Radon Zone for Orleans Parish is considered to be a low risk area for radon accumulation in residential structures. The average radon concentration for Orleans Parish is 0.27255 picoCuries per liter of air. The survey indicates that two sites were tested and had levels of radon below the USEPA action level of 4.0 picoCuries per liter of air. Mr. Matthew Schlenker, the LDEQ Radon Grant Coordinator disclosed that the State of Louisiana ranks forty-ninth in average state radon levels, and that the presence of

radon in Louisiana in concentrations which, would pose a risk to human health, is extremely rare. The Subject Property did not have a basement or any accessible subsurface areas; therefore, the risk for radon accumulation at the Subject Property was low.

## 12.0 REFERENCES

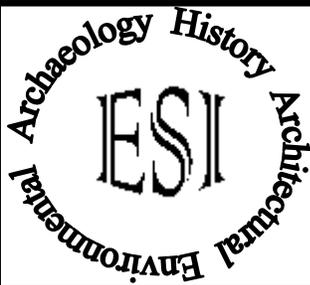
- **Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process;** ASTM; 2005
- The Comprehensive Environmental Response, Compensation and Liability Act, 42 U.S.C.A. § 9601 (CERCLA), as amended
- **Aerial Photographs;** United States Geological Survey; 1952, 1965, 1972, 1973, 1975, 1994, 1998, and 2005.
- **The EDR Environmental Lien Abstract,** Environmental Data Resources, Inc, February 2007
- **The EDR Radius Map;** Environmental Data Resources, Inc.; February 2007
- **The EDR Sanborn Map Abstract;** Environmental Data Resources, Inc. February 2007
- **The EDR Historical Topographic Report Abstract;** Environmental Data Resources, Inc. February 2007
- **The EDR Aerial Photograph Abstract;** Environmental Data Resources, Inc. February 2007
- **The EDR City Directory Abstract;** Environmental Data Resources, Inc. February 2007
- **The Polk City Directory:** 1999 and 2004
- **Geologic Age and Rock Stratigraphic Unit;** P.G. Shruben, R.E. Arndt and W.J. Bawiec, 1974
- **Physical Setting Source Records:** Environmental Data Resources, Inc.; July 31, 2006
- U.S. Department of Agriculture (USDA) Soil Conservation Service (SCS) Soil Survey
- 

## 13.0 SIGNATURES OF ENVIRONMENTAL PROFESSIONALS

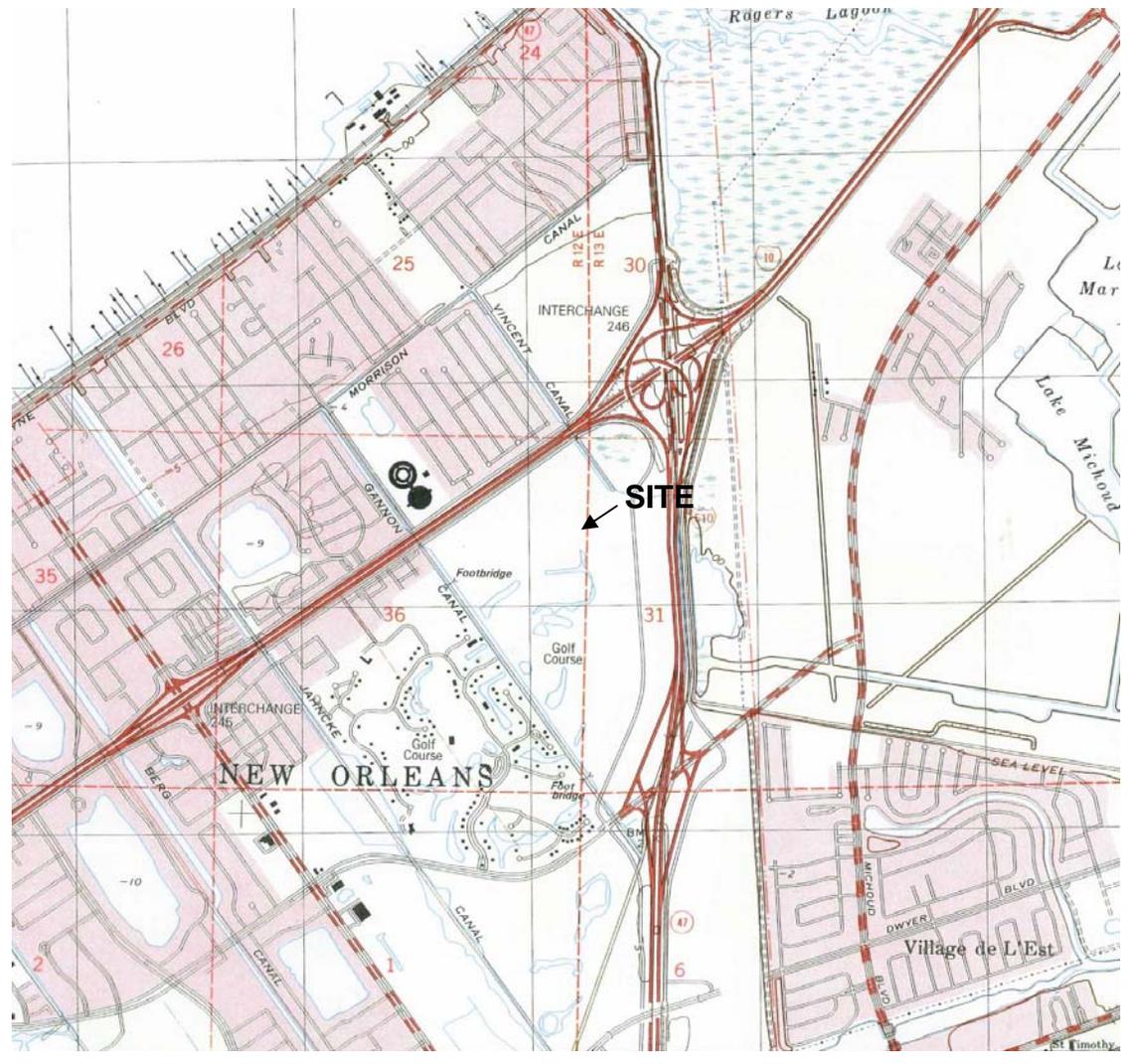
Prepared and Reviewed by:

Cheryl L. Bommarito, MA, RPA  
Project Manager

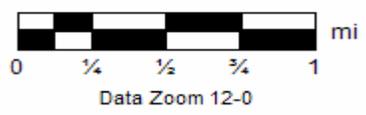
## FIGURES



**Earth Search, Inc.**  
P.O. Box 770336  
4212 St. Claude Avenue  
New Orleans, LA 70177-0336

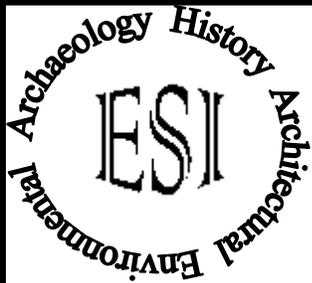


**Figure 1**  
**Site Location Map**

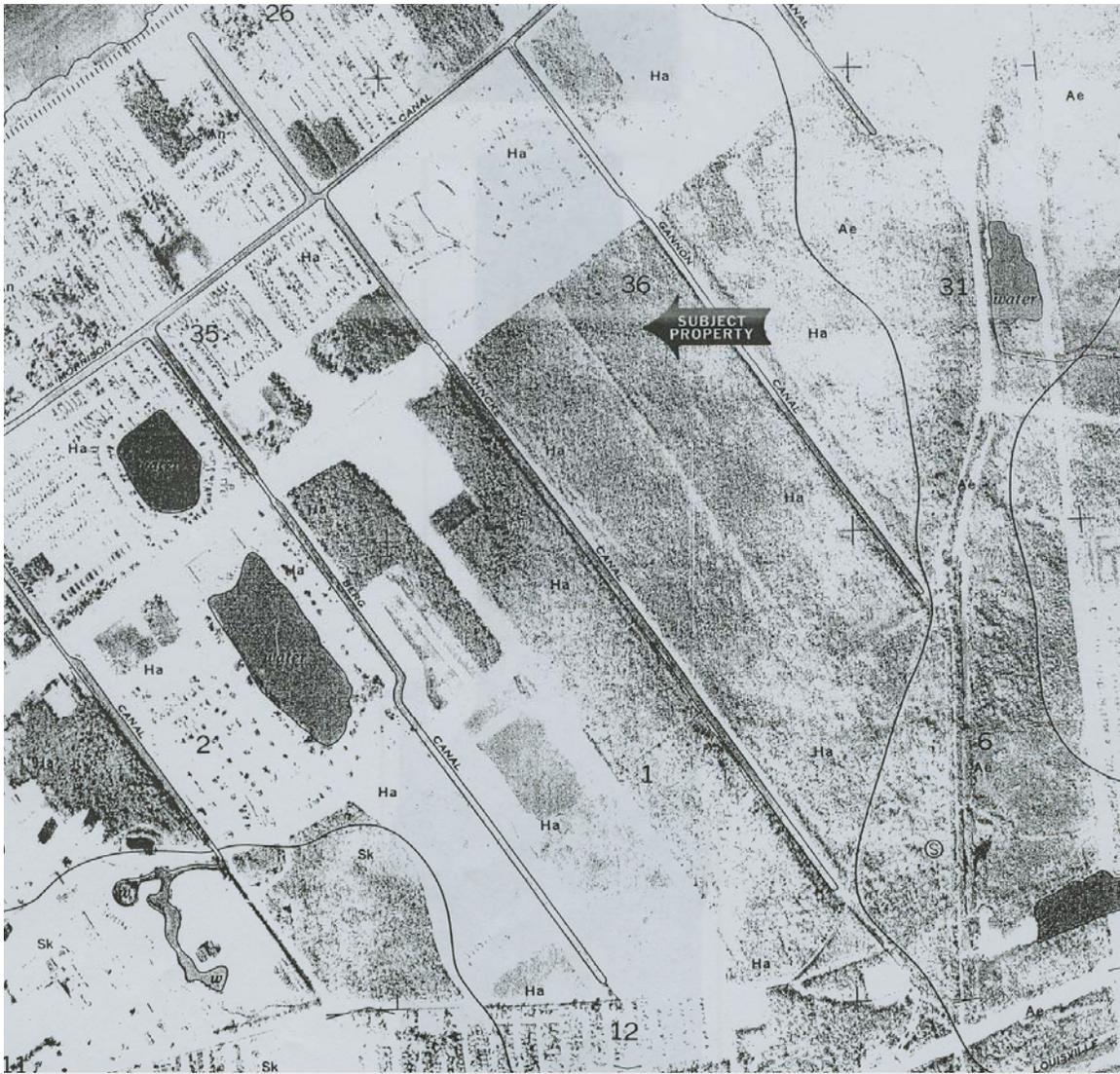


**Eastover Country Club, Phase II**  
**5690 Eastover Drive**  
**New Orleans, Orleans Parish, LA**

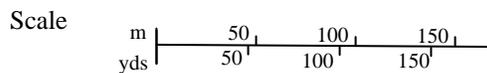




**Earth Search, Inc.**  
P.O. Box 770336  
4212 St. Claude Avenue  
New Orleans, LA 70177-0336

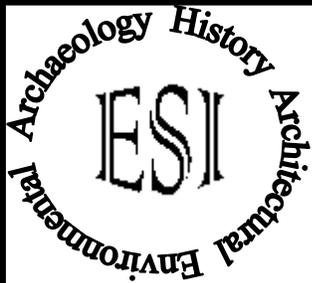


**USGS**  
**Aerial Photograph —1952**

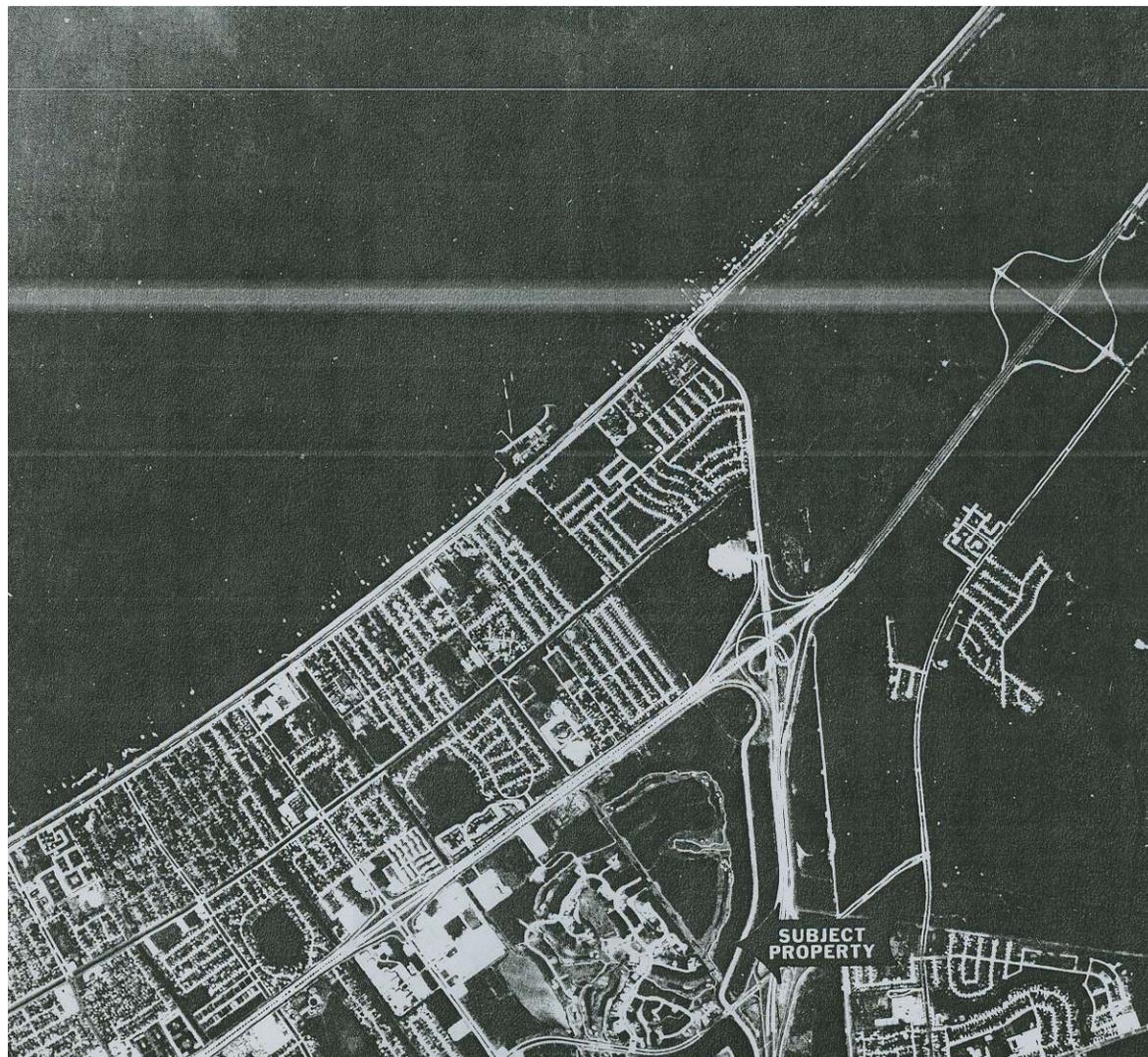


**Figure 3**  
**Aerial Photograph (1952)**

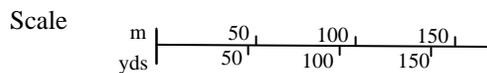
**Eastover Country Club, Phase II**  
**5690 Eastover Drive**  
**New Orleans, Orleans Parish, LA**



**Earth Search, Inc.**  
P.O. Box 770336  
4212 St. Claude Avenue  
New Orleans, LA 70177-0336

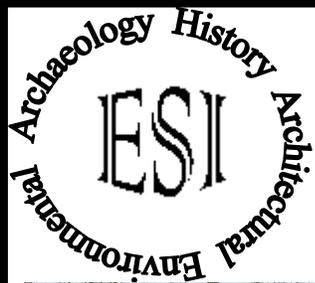


**USGS**  
**Aerial Photograph —1994**

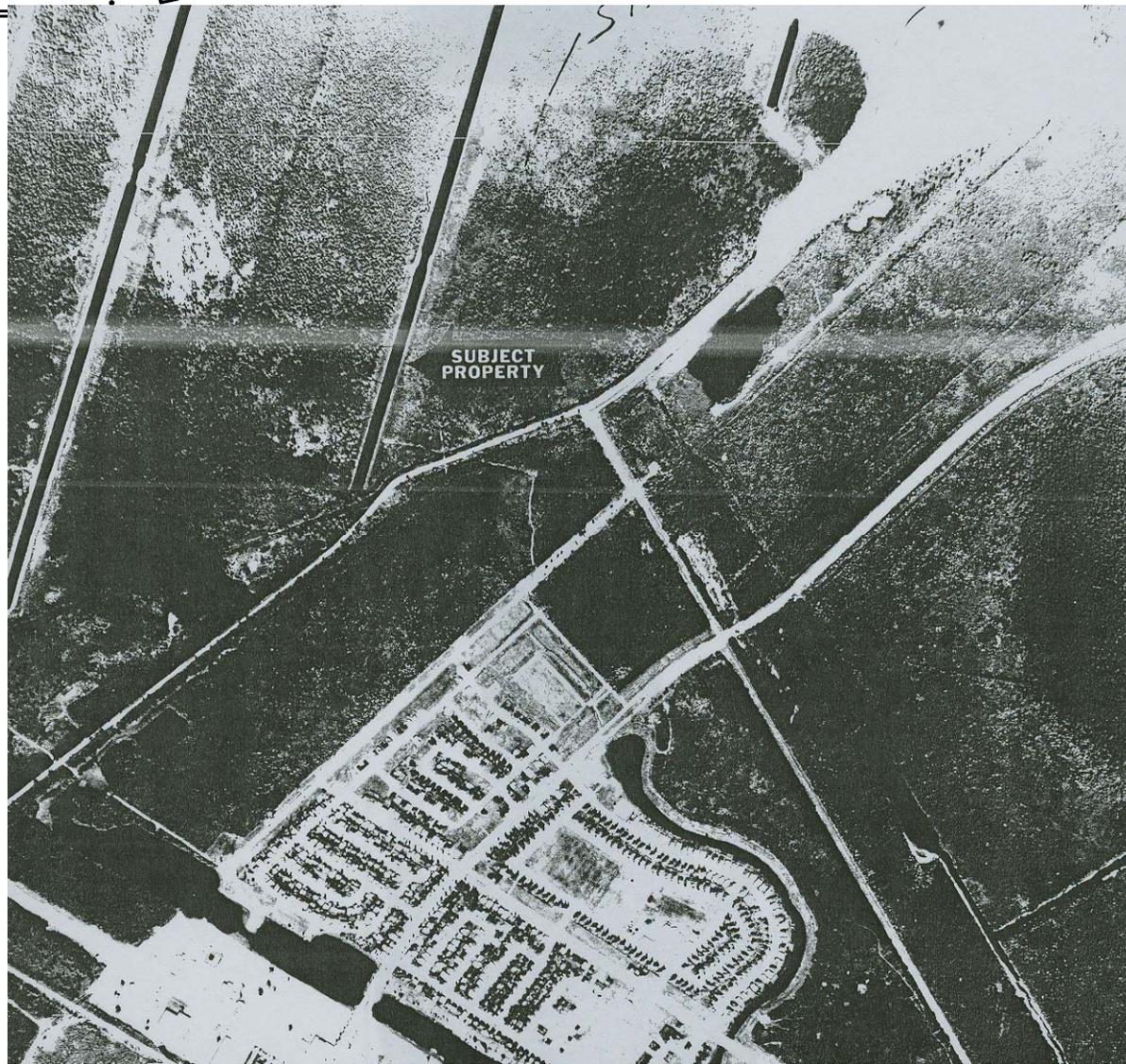


**Figure 5**  
**Aerial Photograph (1994)**

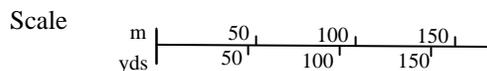
**Eastover Country Club, Phase II**  
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**New Orleans, Orleans Parish, LA**



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New Orleans, LA 70177-0336

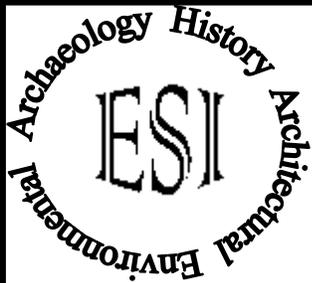


**USGS**  
**Aerial Photograph —1972**

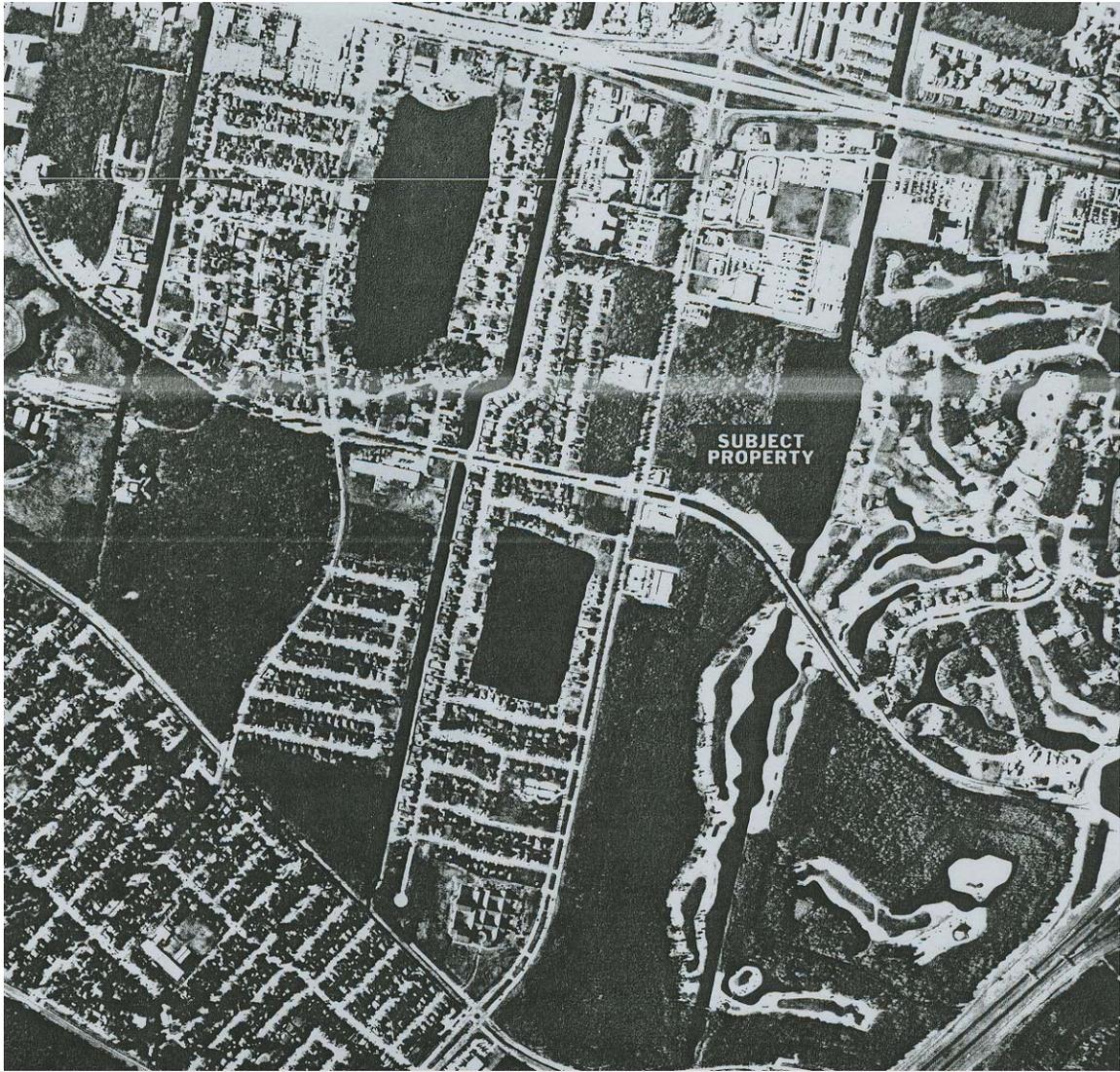


**Figure 4**  
**Aerial Photograph (1972)**

**Eastover Country Club, Phase II**  
**5690 Eastover Drive**  
**New Orleans, Orleans Parish, LA**



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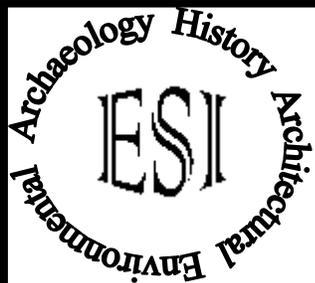


**USGS**  
**Aerial Photograph —1998**

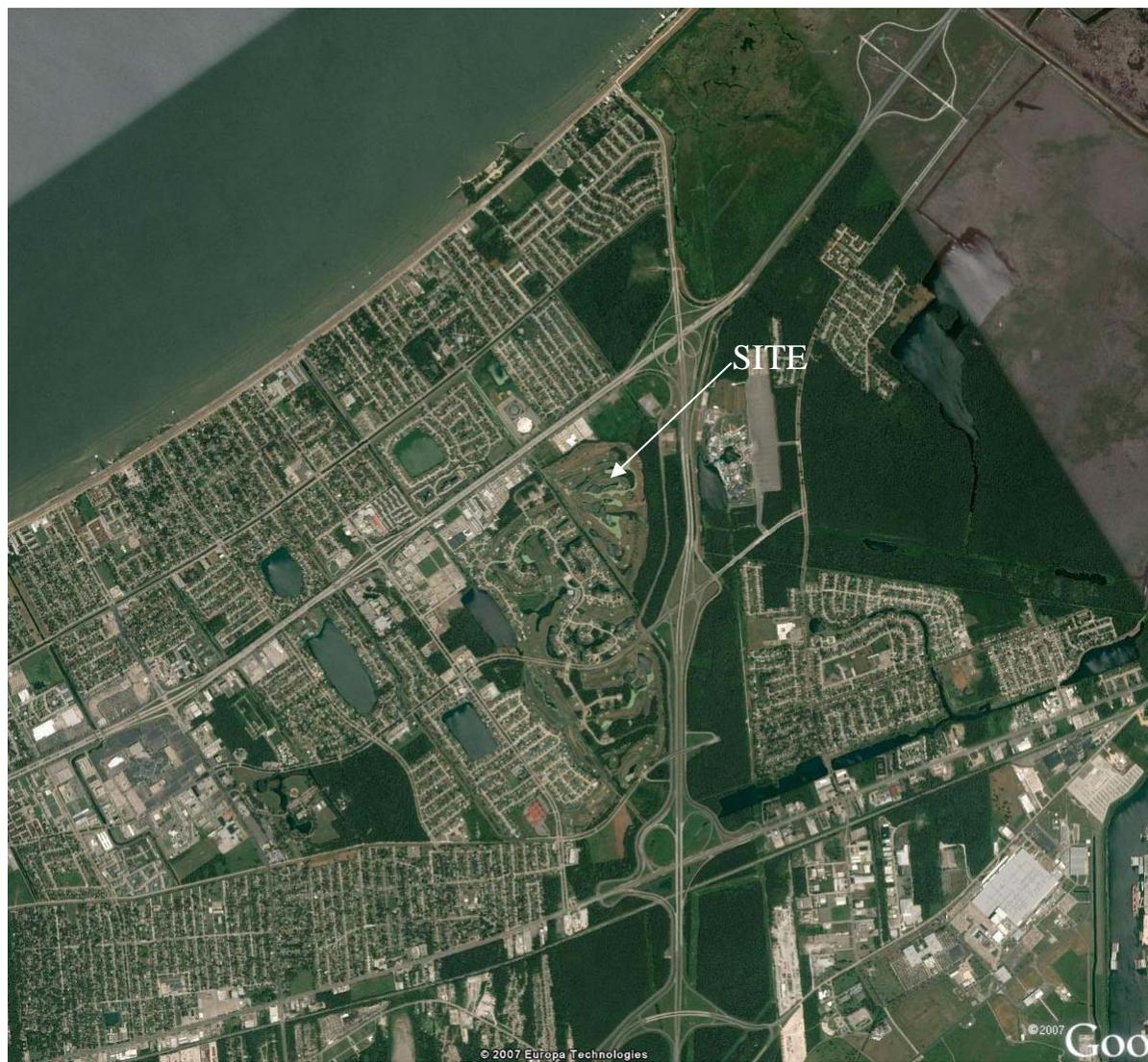
Scale  
m | 50 | 100 | 150 |  
yds | 50' | 100' | 150' |

**Figure 6**  
**Aerial Photograph (1998)**

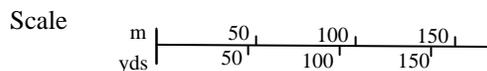
**Eastover Country Club, Phase II**  
**5690 Eastover Drive**  
**New Orleans, Orleans Parish, LA**



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P.O. Box 770336  
4212 St. Claude Avenue  
New Orleans, LA 70177-0336



**USGS  
Aerial Photograph —2005**



**Figure 7  
Aerial Photograph (2005)**

**Eastover Country Club, Phase II  
5690 Eastover Drive  
New Orleans, Orleans Parish, LA**

**APPENDIX A**  
**ESI Credentials**



# EARTH SEARCH, INC.

P.O. Box 770336, 4212 St. Claude Ave., New Orleans, LA 70177-0336

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## **CHERYL L. BOMMARITO, MA, RPA** **Project Manager**

Cheryl L. Bommarito is a Registered Professional Archaeologist with more than three years experience in cultural resources management in the southeast. Ms. Bommarito has served as both Project Manager on cultural resources surveys, mitigation efforts, and construction monitoring projects. These projects include cultural resources management plans, historic property treatment plans, feasibility studies, initial inventories, testing for National Register eligibility, and mitigation excavations. She has been involved with large, multi-disciplinary project teams for National Register evaluation of buildings, engineering structures, objects, and sites, as well as for archaeological data recovery. She has worked with a number of State agencies including the states of Florida, Louisiana, Mississippi, Alabama, & Georgia State Preservation Historic Offices (SHPOs), Florida Department of Transportation (FDOT), and the Georgia Department of Transportation (GDOT). Ms. Bommarito has also worked with a number of Federal agencies including the U.S. Fish & Wildlife Service, U.S. Forest Service, Bureau of Land Management, U.S. Army Corps of Engineers, Federal Emergency Management Agency, and Department of Defense agencies. Working with various federal and state agencies, Ms. Bommarito has had extensive experience with both State and Federal cultural resource and environmental regulations such as the National Historic Preservation Act (NHPA) and National Environmental Policy Act (NEPA)

Ms. Bommarito has more than 16 years of experience in environmental consulting. Ms. Bommarito has environmental expertise in Hydrogeology, Geology, Hazardous Materials management and Project Management. Her professional career has developed significant expertise in regulatory and industry protocol for environmental due diligence (Phase I and II Environmental Site Assessments), hydrogeological investigations, groundwater modeling, Risk Based Corrective Action (RBCA), remediation (Feasibility Studies), Wetland Delineations, Baseline Assessments, Environmental Impact Studies, and Brownfield redevelopment. She has worked with a number of State and Federal agencies including Florida Department of Environmental Protection, Louisiana Department of Environmental Quality, Michigan Department of Environmental Quality, Florida Department of Transportation (FDOT), Georgia Department of Transportation (GDOT), Army Corps of Engineers, Federal Emergency Management Agency, and Department of Defense agencies.

## **EDUCATION**

- |           |  |
|-----------|--|
| 2003-2005 | MA, Archaeology & Ancient Heritage, University of Leicester, UK, 2005<br>Related Coursework: Preservation Planning, Land Use Planning, Historical Building Surveys, Preservation and Planning Law, Landscape Archaeology, Cultural Resource Management, and Architectural Archaeology. |
| 2005      | Archaeological Field Camp, University of North Florida, Jacksonville, Florida  |
| 1986-1991 | BS, Psychology, Wayne State University, Detroit, Michigan  |

## **CERTIFICATIONS**

Register of Professional Archaeologist  
Environmental, Safety & Health - 40 Hour OSHA 29 CFR 1910.120, 1991  
8 Hour refresher course, December 2005  
2 Hour Asbestos Awareness course, April 2005

Michigan Department of Environmental Quality (MDEQ) Certification in Industrial Storm Water Management  
MDEQ Certification in Waste Treatment Plant Operator B-3b (Carbon-Adsorption)  
JEA-BJP Safety Orientation and Leadership Development Course  
American Red Cross training in CPR and First Aide

## **PROJECT TYPES COMPLETED**

Proposal Preparation, Conducting Records Searches, Literature Searches and Historic Research, Development of Field Methodology, Logistical Planning and Supervision of Field Operations, Cultural Resource and Environmental Elements for Environmental Impact Statements (EIS), Cultural Resource and Environmental Elements for Environmental Impact Statements (EIS) for projects under NEPA and NHPA. Environmental reports including Baselines Environmental Site Assessments, Phase I & II Environmental Site Assessments, Remedial Action Plans, Feasibility Studies, Closure Reports, Hydrogeological Reports, Spill Plans, and Environmental Quality Assurance Program (EQAP) compliance projects, and Technical Reports.

## **PROFESSIONAL EXPERIENCE**

- Experience as a Cultural Resource Specialist with Cultural Resource Management and Compliance Review Process involving Cultural Resource Assessment Surveys and Historical Surveys. Experience with state and federal cultural resource regulations and Section 106 compliance. Knowledge of Pre-Columbian archaeology and Mediterranean archaeology
- Hydrogeological Investigations and Remedial Investigations for Underground Storage Tanks (USTs) and hazardous material sites (RCRA and Superfund) in the Midwest and Southeast regions.
- Project Management and Report preparation (Contaminant Assessments, Limited, Site Assessments, Source Removals, Closure Reports, Remedial Action Plans, Corrective Action Plans, and Feasibility Studies).
- Knowledgeable in various environmental regulations including CAA, CWA, TSCA, CERCLA, RCRA.
- Conducted Tier I, Tier II, and Tier III evaluations utilizing the RBCA process under the ASTM. Site-specific evaluations for dermal contact, indoor and outdoor inhalation, and leaching pathways for residential, commercial, and industrial.
- Conducted Due Diligence including, Phase I Environmental Site Assessments (ESAs), Phase II ESAs, Baseline Risk Assessments (BEAs), Transcreens, Wetland Delineation studies and NEPA process, Environmental Assessments (EA), Environmental Impact Studies, and Brownsfield Redevelopment.
- Experience in developing the environment impact analyses, mitigation sections in NEPA documentation and reporting.
- Experience with groundwater, vapor-phase, and free product modeling applications for contaminant plume migrations and remedial system designs.
- Supervised source removals and installation of UST systems, UST system upgrades, ASTs, remedial installations, and station rebuilds for major oil companies.
- Remedial system design, installation, and implementation of AS, SVE, biosparging, dual phase extraction (DPE), bioventing, bioremediation, ozone and peroxide applications, soil flushing, and carbon adsorption. Experienced in sampling and maintenance of remedial systems and pilot studies.

- Supervised Contaminant Assessments with the installation of soil borings, monitor wells, recovery wells, AS wells, and SVE wells. Hydrogeological investigations including groundwater, soil, sediment and surface water sampling, aquifer pump tests and tidal studies.
- Experience with hazardous waste disposal practices. Supervised and conducted contaminant investigations and remediation of sludge disposal sites, incinerator ash, creosote, and ash/slag from foundries.
- Experience with NPDES, POTW, Groundwater Exemption, Air permitting and Right-of-Way use permitting.
- Experience and knowledge of Groundwater Modeling applications, AutoCAD, Arc View GIS, and other various software applications. Experience as a heavy equipment operator for source removals and trenching. Experience and knowledge of OVA-FID, OVA-PID, aquifer testing equipment (mini-troll), XRF screening for metals in soils and paint, and GPS.
- Experience and knowledge of soil boring advancement and monitor well installations. Geotechnical, environmental, and cultural resource investigations operating and supervising drill rigs and direct push technology.

## **MEMBERSHIP**

- Archaeological Institute of America (AIA): member (2006 )
- Society for American Archaeology (SAA): member (2006)

## **PUBLICATIONS**

October 2005 Master's thesis, "The Deptford Phase: Ceramics and Settlement Patterns in Northeastern Florida." University of Leicester.

March 2004 Historical Building Survey, "The Ford Motor Company Jacksonville Assembly Plant, Jacksonville, Florida." University of Leicester.

## **APPENDIX B**

### **Photographs with Descriptions**



Looking northwest at temporary road and former golf course



Looking southeast and temporary road and former golf course



Looking east at man-made ponds of former golf course



Looking south at Gannon Canal and residential houses

Looking east at focus area and former golf course



Looking at focus area and former golf course



Looking at man-made pond  
and former sand trap of golf  
course

Looking north at temporary  
road and former golf course



Looking north at focus area-  
former golf course



Looking at former golf course and residential houses

Looking east at concrete sidewalks and pond to former golf course



Looking south at residential homes across Gannon Canal



Looking northeast at former  
golf course

Looking at ponds and  
sidewalk of former golf  
course



Looking north at pond and  
former golf course



Looking northeast at former  
golf course, I-510 and  
former Jazzland

Looking at temporary road  
made of crushed concrete



Looking at soil stockpiles  
from excavation of former  
golf course

## **APPENDIX C**

### **EDR Environmental Lien Abstract**

# The EDR Environmental LienSearch™ Report

5690 Eastover Drive  
New Orleans, LA 70128  
NREIS# D07-5625

Project Number: 1856903.7S

February 28, 2007



**EDR**® Environmental  
Data Resources Inc



**The Standard in  
Environmental Risk  
Information**

440 Wheelers Farm Road  
Milford, Connecticut 06461

**Nationwide Customer Service**

Telephone: 1-800-352-0050  
Fax: 1-800-231-6802  
Internet: [www.edrnet.com](http://www.edrnet.com)

## EDR Environmental LienSearch™ Report

The EDR Environmental LienSearch Report includes results from a search of available current land title records for environmental cleanup liens and other activity and use limitations, such as engineering controls and institutional controls.

A network of professional, trained researchers follows established procedures to:

- search for parcel information, legal description, and ownership based on client supplied address information;
- research indexes and title repositories;
- obtain a copy of the deed;
- search for environmental encumbering instrument(s) associated with the deed;
- provide a copy of any environmental encumbrance(s) based upon a review of key words in the instrument (title, parties involved, and description); and
- provide a copy of the deed.

***Thank you for your business.***  
Please contact EDR at 1-800-352-0050  
with any questions or comments.

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# EDR Environmental LienSearch™ Report

## TARGET PROPERTY INFORMATION

### ADDRESS

EASTOVER COUNTRY CLUB  
5690 EASTOVER DRIVE  
NEW ORLEANS, LA 70128

### RESEARCH SOURCE

Sources: RECORDER OF DEEDS, ORLEANS COUNTY, LA

### DEED INFORMATION

Type of Deed: WD  QCD  Other  DEED

Title is vested in: JACQUELYN MADISON AND JAMES M. BROWN, III

Title received from: EASTOVER PROPERTIES, INC.

Deed Dated: 03-25-1994

Deed Recorded: 04-07-1994

Instrument no.: 84812

### LEGAL DESCRIPTION

SEE ATTACHED EXHIBIT A

Assessor's Parcel Number: 39W087022

### ENVIRONMENTAL LIEN

Environmental Lien: Found  Not Found

If yes:

1<sup>st</sup> Party:

2<sup>nd</sup> Party:

Dated:

Recorded:

Book:

Page:

Comments:

### OTHER ACTIVITY AND USE LIMITATIONS (AULs)

Other AUL's: Found  Not Found

**EDR Environmental LienSearch™ Report**

**EXHIBIT A**

**SITUATED IN EASTOVER SUBDIVISION PHASE I, BEING A PORTION OF THE LAKRATT TRACT (FORMER NEW ORLEANS LAKESHORE LAND CO. TRACT) THIRD MUNICIPAL DISTRICT OF THE CITY OF NEW ORLEANS, ORLEANS PARISH, LOUISIANA AND DESIGNATED IN ACCORDANCE WITH A PLAN OF RESUBDIVISION OF J. J. KREBS & SONS, INC, LAST REVISED ON APRIL 20, 1987 AND APPROVED BY THE CITY PLANNING COMMISSION ON APRIL 21, 1987, SUBDIVISION DOCKET NO. 126/86 AND REGISTERED UNDER DECLARATION OF TITLE CHANGE BY SUBDIVISION, IN NOTARIAL ARCHIVES NO. 702305, IN COB 809, FOLIO 547, SAID LOTS OR PARCELS OF GROUND ARE DESIGNATED AS:**

**LOT 21 OF SQUARE G, ACCORDING TO THE AFORESAID PLAN OF SUBDIVISION, SAID LOT 21 COMMENCES AT A DISTANCE OF 490.35 FEET FROM THE ARC AT THE INTERSECTION OF EASTOVER DRIVE AND DORAL COURT AND MEASURES THENCE 95.89 FEET FRONT ON EASTOVER DRIVE, A WIDTH IN THE REAR OF 95.65 FEET WITH A DEPTH ON THE SIDE NEAREST LOT 20 OF 152.25 FEET AND A DEPTH ON THE OPPOSITE SIDELINE OF 150.40 FEET, EXCEPT, HOWEVER, THAT ALL OF THE RIGHT TITLE AND INTEREST, INCLUDING WITHOUT LIMITATION, ALL OF THE OWNERSHIP INTEREST, IN, TO, OF AND UNDER THE SAID EASTOVER DRIVE, AS SAID EASTOVER DRIVE IS SHOWN AND DESCRIBED ON THE SAID PLAN OF EASTOVER SUBDIVISION PHASE 1, WHICH IS REGISTERED IN COB 809, FOLIO 547, ORLEANS PARISH, LOUISIANA, IS HEREBY EXPRESSLY AND PARTICULARLY EXCLUDED AND EXCEPTED FROM THIS SALE AND FROM THE PARCEL OF GROUND HEREIN CONVEYED AND NO PORTION OF SAID EASTOVER DRIVE IS HEREIN OR HEREBY CONVEYED AND EXCEPT, HOWEVER THAT ALL OF THE RIGHT, TITLE AND INTEREST, INCLUDING, WITHOUT LIMITATION, ALL OF THE OWNERSHIP INTEREST IN, TO, OF AND UNDER PARCEL 1-Q, A LAKE, AS SAID PARCEL 1-Q IS SHOWN AND DESCRIBED ON THE SAID PLAN OF EASTOVER SUBDIVISION PHASE 1, IS HEREBY EXPRESSLY AND PARTICULARLY EXCLUDED AND EXCEPTED FROM THIS SALE AND FROM THE PARCEL OF GROUND HEREIN, CONVEYED, AND NO PORTION OF SAID PARCEL 1-Q IS HEREIN OR HEREBY CONVEYED.**

**LOT 22 OF SQUARE G, ACCORDING TO THE AFORESAID PLAN OF SUBDIVISION SAID LOT 22 COMMENCES AT A DISTANCE OF 586.24 FEET FROM THE ARC AT THE INTERSECTION OF EASTOVER DRIVE AND**

**EDR Environmental LienSearch™ Report**

**DORAL COURT AND MEASURES THENCE 95.07 FEET FRONT ON EASTOVER DRIVE, A WIDTH IN THE REAR OF 95.05 FEET, WITH A DEPTH ON THE SIDE NEAREST LOT 21 OF 150.40 FEET, AND A DEPTH ON THE OPPOSITE SIDELINE OF 150.00 FEET, EXCEPT, HOWEVER, THAT ALL OF THE RIGHT TITLE AND INTEREST, INCLUDING WITHOUT LIMITATION, ALL OF THE OWNERSHIP INTEREST, IN, TO, OF AND UNDER THE SAID EASTOVER DRIVE. AS SAID EASTOVER DRIVE IS SHOWN AND DESCRIBED ON THE SAID PLAN OF EASTOVER SUBDIVISION PHASE 1, WHICH IS REGISTERED IN COB 809, FOLIO 547, ORLEANS PARISH, LOUISIANA, IS HEREBY EXPRESSLY AND PARTICULARLY EXCLUDED AND EXCEPTED FROM THIS SALE AND FROM THE PARCEL OF GROUND HEREIN CONVEYED AND NO PORTION OF SAID EASTOVER DRIVE IS HEREIN OR HEREBY CONVEYED AND EXCEPT, HOWEVER THAT ALL OF THE RIGHT, TITLE AND INTEREST, INCLUDING, WITHOUT LIMITATION, ALL OF THE OWNERSHIP INTEREST IN, TO, OF AND UNDER PARCEL 1-Q, A LAKE, AS SAID PARCEL 1-Q IS SHOWN AND DESCRIBED ON THE SAID PLAN OF EASTOVER SUBDIVISION PHASE 1, IS HEREBY EXPRESSLY AND PARTICULARLY EXCLUDED AND EXCEPTED FROM THIS SALE AND FROM THE PARCEL OF GROUND HEREIN CONVEYED, AND NO PORTION OF SAID PARCEL 1-Q IS HEREIN OR HEREBY CONVEYED.**



**EDR**® Environmental  
Data Resources Inc

## **The EDR Radius Map with GeoCheck®**

**Eastover Country Club  
5690 Eastover Drive  
New Orleans, LA 70128**

**Inquiry Number: 1856903.2s**

**February 14, 2007**

## **The Standard in Environmental Risk Management Information**

440 Wheelers Farms Road  
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***Thank you for your business.***  
 Please contact EDR at 1-800-352-0050  
 with any questions or comments.

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## EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-05) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

### TARGET PROPERTY INFORMATION

#### ADDRESS

5690 EASTOVER DRIVE  
NEW ORLEANS, LA 70128

#### COORDINATES

Latitude (North): 30.051400 - 30° 3' 5.0"  
Longitude (West): 89.945300 - 89° 56' 43.1"  
Universal Transverse Mercator: Zone 16  
UTM X (Meters): 216010.6  
UTM Y (Meters): 3327958.0  
Elevation: 6 ft. below sea level

### USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 30089-A8 LITTLE WOODS, LA  
Most Recent Revision: 2001

### TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following records. For more information on this property see page 6 of the attached EDR Radius Map report:

<u>Site</u>	<u>Database(s)</u>	<u>EPA ID</u>
EASTOVER COUNTRY CLUB 6820 LEGGETT RD NEW ORLEANS, LA 70128	RCRA-SQG FINDS	LA0000886374

### DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

### FEDERAL RECORDS

**NPL**..... National Priority List  
**Proposed NPL**..... Proposed National Priority List Sites  
**Delisted NPL**..... National Priority List Deletions

## EXECUTIVE SUMMARY

<b>NPL RECOVERY</b>	Federal Superfund Liens
<b>CERCLIS</b>	Comprehensive Environmental Response, Compensation, and Liability Information System
<b>CERC-NFRAP</b>	CERCLIS No Further Remedial Action Planned
<b>CORRACTS</b>	Corrective Action Report
<b>RCRA-TSDF</b>	Resource Conservation and Recovery Act Information
<b>RCRA-LQG</b>	Resource Conservation and Recovery Act Information
<b>ERNS</b>	Emergency Response Notification System
<b>HMIRS</b>	Hazardous Materials Information Reporting System
<b>US ENG CONTROLS</b>	Engineering Controls Sites List
<b>US INST CONTROL</b>	Sites with Institutional Controls
<b>DOD</b>	Department of Defense Sites
<b>FUDS</b>	Formerly Used Defense Sites
<b>US BROWNFIELDS</b>	A Listing of Brownfields Sites
<b>CONSENT</b>	Superfund (CERCLA) Consent Decrees
<b>ROD</b>	Records Of Decision
<b>UMTRA</b>	Uranium Mill Tailings Sites
<b>ODI</b>	Open Dump Inventory
<b>TRIS</b>	Toxic Chemical Release Inventory System
<b>TSCA</b>	Toxic Substances Control Act
<b>FTTS</b>	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
<b>SSTS</b>	Section 7 Tracking Systems
<b>ICIS</b>	Integrated Compliance Information System
<b>LUCIS</b>	Land Use Control Information System
<b>RADINFO</b>	Radiation Information Database
<b>US CDL</b>	Clandestine Drug Labs
<b>PADS</b>	PCB Activity Database System
<b>MLTS</b>	Material Licensing Tracking System
<b>MINES</b>	Mines Master Index File
<b>RAATS</b>	RCRA Administrative Action Tracking System

### STATE AND LOCAL RECORDS

<b>SHWS</b>	Potential and Confirmed Sites List
<b>SWF/LF</b>	Landfill List
<b>DEBRIS</b>	LDEQ Approved Debris Sites
<b>SWRCY</b>	Recycling Directory
<b>LUST</b>	Leaking Underground Storage Tanks
<b>HIST LUST</b>	Underground Storage Tank Case History Incidents
<b>LIENS</b>	Environmental Liens
<b>SPILLS</b>	Emergency Response Section Incidents
<b>AUL</b>	Conveyance Notice Listing
<b>VCP</b>	Voluntary Remediation Program Sites
<b>DRYCLEANERS</b>	Drycleaner Facility Listing
<b>BROWNFIELDS</b>	Brownfields Inventory

### TRIBAL RECORDS

<b>INDIAN RESERV</b>	Indian Reservations
<b>INDIAN LUST</b>	Leaking Underground Storage Tanks on Indian Land
<b>INDIAN UST</b>	Underground Storage Tanks on Indian Land

### EDR PROPRIETARY RECORDS

<b>Manufactured Gas Plants</b>	EDR Proprietary Manufactured Gas Plants
--------------------------------	---

## EXECUTIVE SUMMARY

**EDR Historical Auto Stations** EDR Proprietary Historic Gas Stations  
**EDR Historical Cleaners**..... EDR Proprietary Historic Dry Cleaners

### SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.

Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

### FEDERAL RECORDS

**RCRAInfo:** RCRAInfo is EPA's comprehensive information system, providing 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). The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month. Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month Large quantity generators generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month. Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

A review of the RCRA-SQG list, as provided by EDR, and dated 06/13/2006 has revealed that there is 1 RCRA-SQG site within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<b><i>BILL WATSON FORD</i></b>	<b><i>13040 I10 SVC RD</i></b>	<b><i>1/8 - 1/4N</i></b>	<b><i>3</i></b>	<b><i>7</i></b>

### STATE AND LOCAL RECORDS

**UST:** The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the Department of Environmental Quality's Louisiana Underground Storage Tank Database.

A review of the UST list, as provided by EDR, and dated 10/24/2006 has revealed that there are 2 UST sites within approximately 0.25 miles of the target property.

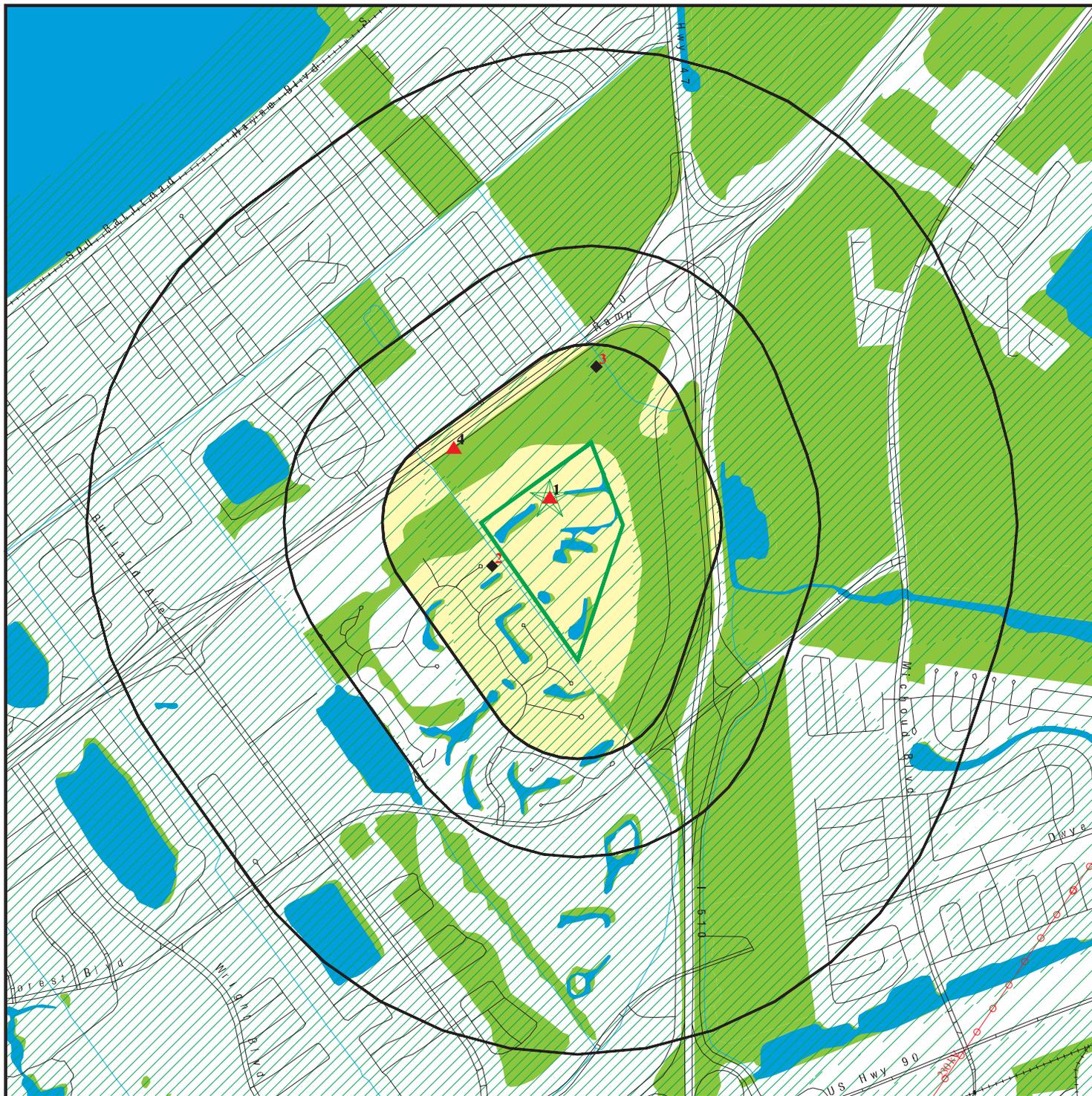
<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
BILL WATSON NISSAN INC	13050 I-10 SERVICE RD	1/8 - 1/4NW	4	8
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
MARINE FUEL & CATERING	FUEL PIER 1 S SHORE HAR	0 - 1/8 SW	2	6

## EXECUTIVE SUMMARY

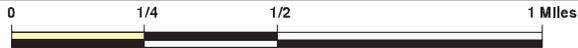
Due to poor or inadequate address information, the following sites were not mapped:

<u>Site Name</u>	<u>Database(s)</u>
JEFFERSON CITY GAS & LIGHT CO	SHWS
NEW ORLEANS GAS & LIGHT CO	SHWS
SHELL PIPELINE CO	SHWS
CHEVRON-NEW ORLEANS STATION	SHWS
AGRICULTURE ST LANDFILL	SHWS, AUL
SEAWALL	SHWS
NEW ORLEANS CITY OF - SEVENTH ST INCINERATOR	SHWS
RIVERWALK MALL RADIATION RESPONSE	CERCLIS
EXXON STATION R/S 5-0779	HIST LUST
DELTA DUCK CLUB	ERNS
MUNICIPAL SOUTHERN YACHT CLUB	ERNS
POWERS JUNCTION	US BROWNFIELDS

# OVERVIEW MAP - 1856903.2s



-  Target Property
-  Sites at elevations higher than or equal to the target property
-  Sites at elevations lower than the target property
-  Manufactured Gas Plants
-  National Priority List Sites
-  Landfill Sites
-  Dept. Defense Sites
-  Indian Reservations BIA
-  Power transmission lines
-  Oil & Gas pipelines
-  100-year flood zone
-  500-year flood zone
-  National Wetland Inventory



This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Eastover Country Club  
 ADDRESS: 5690 Eastover Drive  
 New Orleans LA 70128  
 LAT/LONG: 30.0514 / 89.9453

CLIENT: Earth Search, Inc.  
 CONTACT: Cheryl Bommarito  
 INQUIRY #: 1856903.2s  
 DATE: February 14, 2007 2:43 pm

# DETAIL MAP - 1856903.2s



-  Target Property
-  Sites at elevations higher than or equal to the target property
-  Sites at elevations lower than the target property
-  Manufactured Gas Plants
-  Sensitive Receptors
-  National Priority List Sites
-  Landfill Sites
-  Dept. Defense Sites

-  Indian Reservations BIA
-  Oil & Gas pipelines
-  100-year flood zone
-  500-year flood zone
-  National Wetland Inventory



This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Eastover Country Club  
 ADDRESS: 5690 Eastover Drive  
 New Orleans LA 70128  
 LAT/LONG: 30.0514 / 89.9453

CLIENT: Earth Search, Inc.  
 CONTACT: Cheryl Bommarito  
 INQUIRY #: 1856903.2s  
 DATE: February 14, 2007 2:44 pm

## MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
<b><u>FEDERAL RECORDS</u></b>								
NPL		1.000	0	0	0	0	NR	0
Proposed NPL		1.000	0	0	0	0	NR	0
Delisted NPL		1.000	0	0	0	0	NR	0
NPL RECOVERY		TP	NR	NR	NR	NR	NR	0
CERCLIS		0.500	0	0	0	NR	NR	0
CERC-NFRAP		0.500	0	0	0	NR	NR	0
CORRACTS		1.000	0	0	0	0	NR	0
RCRA TSD		0.500	0	0	0	NR	NR	0
RCRA Lg. Quan. Gen.		0.250	0	0	NR	NR	NR	0
RCRA Sm. Quan. Gen.	X	0.250	0	1	NR	NR	NR	1
ERNS		TP	NR	NR	NR	NR	NR	0
HMIRS		TP	NR	NR	NR	NR	NR	0
US ENG CONTROLS		0.500	0	0	0	NR	NR	0
US INST CONTROL		0.500	0	0	0	NR	NR	0
DOD		1.000	0	0	0	0	NR	0
FUDS		1.000	0	0	0	0	NR	0
US BROWNFIELDS		0.500	0	0	0	NR	NR	0
CONSENT		1.000	0	0	0	0	NR	0
ROD		1.000	0	0	0	0	NR	0
UMTRA		0.500	0	0	0	NR	NR	0
ODI		0.500	0	0	0	NR	NR	0
TRIS		TP	NR	NR	NR	NR	NR	0
TSCA		TP	NR	NR	NR	NR	NR	0
FTTS		TP	NR	NR	NR	NR	NR	0
SSTS		TP	NR	NR	NR	NR	NR	0
ICIS		TP	NR	NR	NR	NR	NR	0
LUCIS		0.500	0	0	0	NR	NR	0
RADINFO		TP	NR	NR	NR	NR	NR	0
CDL		TP	NR	NR	NR	NR	NR	0
PADS		TP	NR	NR	NR	NR	NR	0
MLTS		TP	NR	NR	NR	NR	NR	0
MINES		0.250	0	0	NR	NR	NR	0
FINDS	X	TP	NR	NR	NR	NR	NR	0
RAATS		TP	NR	NR	NR	NR	NR	0
<b><u>STATE AND LOCAL RECORDS</u></b>								
State Haz. Waste		1.000	0	0	0	0	NR	0
State Landfill		0.500	0	0	0	NR	NR	0
DEBRIS		0.500	0	0	0	NR	NR	0
SWRCY		0.500	0	0	0	NR	NR	0
LUST		0.500	0	0	0	NR	NR	0
HIST LUST		0.500	0	0	0	NR	NR	0
UST		0.250	1	1	NR	NR	NR	2
LIENS		TP	NR	NR	NR	NR	NR	0
SPILLS		TP	NR	NR	NR	NR	NR	0
AUL		0.500	0	0	0	NR	NR	0
VCP		0.500	0	0	0	NR	NR	0

## MAP FINDINGS SUMMARY

<u>Database</u>	<u>Target Property</u>	<u>Search Distance (Miles)</u>	<u>&lt; 1/8</u>	<u>1/8 - 1/4</u>	<u>1/4 - 1/2</u>	<u>1/2 - 1</u>	<u>&gt; 1</u>	<u>Total Plotted</u>
DRYCLEANERS		0.250	0	0	NR	NR	NR	0
BROWNFIELDS		0.500	0	0	0	NR	NR	0
<b><u>TRIBAL RECORDS</u></b>								
INDIAN RESERV		1.000	0	0	0	0	NR	0
INDIAN LUST		0.500	0	0	0	NR	NR	0
INDIAN UST		0.250	0	0	NR	NR	NR	0
<b><u>EDR PROPRIETARY RECORDS</u></b>								
Manufactured Gas Plants		1.000	0	0	0	0	NR	0
EDR Historical Auto Stations		0.250	0	0	NR	NR	NR	0
EDR Historical Cleaners		0.250	0	0	NR	NR	NR	0

**NOTES:**

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

Site

Database(s)

EDR ID Number  
 EPA ID Number

**1**            **EASTOVER COUNTRY CLUB**  
**Target**       **6820 LEGGETT RD**  
**Property**     **NEW ORLEANS, LA 70128**

**RCRA-SQG**    **1004707487**  
**FINDS**        **LA0000886374**

**Actual:**  
**-6 ft.**

RCRAInfo:  
 Owner:            EASTOVER COUNTRY CLUB  
                       (504) 241-4400  
 EPA ID:            LA0000886374  
 Contact:           JOHN MILLS  
                       (504) 245-7354  
 Classification:    Conditionally Exempt Small Quantity Generator  
 TSDF Activities:   Not reported  
 Violation Status: No violations found

**FINDS:**  
 Other Pertinent Environmental Activity Identified at Site

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

**2**            **MARINE FUEL & CATERING**  
**SW**         **FUEL PIER 1 S SHORE HARBOR**  
**< 1/8**       **NEW ORLEANS, LA 70128**  
**212 ft.**

**UST**        **U000222464**  
**N/A**

**Relative:**  
**Lower**

UST:  
 Master Agency Id:            66962  
 Subject Category Code:      EQT  
 Subject Item ID:              1  
 UST Tank Num:                32511  
 Install Date:                  08/15/87  
**Facility Status:**            **Closed**  
 Status Date:                  01/01/80  
 Total Capacity:                12000  
 Number Of Compartments:    1  
 Gasoline Flag:                Not reported  
 Diesel Flag:                    Not reported  
 Gashol Flag:                  Not reported  
 Kerosen Flag:                 Not reported  
 Heating Oil Flag:              Not reported  
 New Used Oil Flag:            Not reported  
 Other Sub:                     Not reported  
 Other Description:            Not reported  
 Steel Tank Covered With Asphalt: Not reported  
 Cathodically Protected:      Not reported  
 Epoxy Coated Tank:           Not reported  
 A Composite Of Different Materials: Not reported  
 Fiberglass Or Plastic:        Y  
 Interior Line With Some Material: Not reported  
 Dble Wall As Opposed To Single Wall: Not reported  
 Outside Lined w/ Polyethylen Jacket: Not reported  
 Made Of Concrete:            Not reported

**Actual:**  
**-8 ft.**

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**MARINE FUEL & CATERING (Continued)**

**U000222464**

Liner Covering Excavation Hole: Not reported  
 Unknown: Not reported  
 Other Material: Not reported  
 Other Description: Not reported  
 Pipe Method Desc: Not reported  
 Last Status: 3901

Master Agency Id: 66962  
 Subject Category Code: EQT  
 Subject Item ID: 2  
 UST Tank Num: 32512  
 Install Date: 08/15/87  
**Facility Status: Closed**  
 Status Date: 01/01/80  
 Total Capacity: 12000  
 Number Of Compartments: 1  
 Gasoline Flag: Yes  
 Diesel Flag: Not reported  
 Gashol Flag: Not reported  
 Kerosen Flag: Not reported  
 Heating Oil Flag: Not reported  
 New Used Oil Flag: Not reported  
 Other Sub: Not reported  
 Other Description: Not reported  
 Steel Tank Covered With Asphalt: Not reported  
 Cathodically Protected: Not reported  
 Epoxy Coated Tank: Not reported  
 A Composite Of Different Materials: Not reported  
 Fiberglass Or Plastic: Y  
 Interior Line With Some Material: Not reported  
 Dble Wall As Opposed To Single Wall: Not reported  
 Outside Lined w/ Polyethylen Jacket: Not reported  
 Made Of Concrete: Not reported  
 Liner Covering Excavation Hole: Not reported  
 Unknown: Not reported  
 Other Material: Not reported  
 Other Description: Not reported  
 Pipe Method Desc: Not reported  
 Last Status: 3901

**3**  
**North**  
**1/8-1/4**  
**1021 ft.**

**BILL WATSON FORD**  
**13040 I10 SVC RD**  
**NEW ORLEANS, LA 70128**

**RCRA-SQG 1001025397**  
**FINDS LAR000004663**

**Relative:**  
**Lower**

**Actual:**  
**-8 ft.**

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**BILL WATSON FORD (Continued)**

**1001025397**

RCRAInfo:  
 Owner: BILL WATSON FORD  
 (504) 945-6891  
 EPA ID: LAR000004663  
 Contact: ROBERT PIZZALATO  
 (504) 945-6891  
 Classification: Small Quantity Generator  
 TSDF Activities: Not reported  
 Violation Status: No violations found

FINDS:  
 Other Pertinent Environmental Activity Identified at Site

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

**4**  
**NW**  
**1/8-1/4**  
**1031 ft.**

**BILL WATSON NISSAN INC**  
**13050 I-10 SERVICE RD**  
**NEW ORLEANS, LA 70128**

**UST U003925734**  
**N/A**

**Relative:**  
**Higher**  
**Actual:**  
**-4 ft.**

UST:  
 Master Agency Id: 76711  
 Subject Category Code: EQT  
 Subject Item ID: 1  
 UST Tank Num: 39711  
 Install Date: 01/01/85  
**Facility Status: Removed**  
 Status Date: 03/01/97  
 Total Capacity: 560  
 Number Of Compartments: 1  
 Gasoline Flag: Not reported  
 Diesel Flag: Not reported  
 Gashol Flag: Not reported  
 Kerosen Flag: Not reported  
 Heating Oil Flag: Not reported  
 New Used Oil Flag: Y  
 Other Sub: Not reported  
 Other Description: Not reported  
 Steel Tank Covered With Asphalt: Yes  
 Cathodically Protected: Not reported  
 Epoxy Coated Tank: Not reported  
 A Composite Of Different Materials: Not reported  
 Fiberglass Or Plastic: Not reported  
 Interior Line With Some Material: Not reported  
 Dble Wall As Opposed To Single Wall: Not reported  
 Outside Lined w/ Polyethylen Jacket: Not reported  
 Made Of Concrete: Not reported  
 Liner Covering Excavation Hole: Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BILL WATSON NISSAN INC (Continued)**

**U003925734**

Unknown:	Not reported
Other Material:	Not reported
Other Description:	Not reported
Pipe Method Desc:	Not reported
Last Status:	9542

## ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
NEW ORLEANS	S105750548	JEFFERSON CITY GAS & LIGHT CO	BOUNDED BY S FRANKLIN / VALENCE		SHWS
NEW ORLEANS	S105750549	NEW ORLEANS GAS & LIGHT CO	BOUNDED BY GRAVIER, FRERET, CLARA STS		SHWS
NEW ORLEANS	S105201210	SHELL PIPELINE CO	PO BOX 52163		SHWS
NEW ORLEANS	S106033756	EXXON STATION R/S 5-0779	7051 BULLARD AVE # I-10	70128	HIST LUST
NEW ORLEANS	1009310860	POWERS JUNCTION	19001 CHEF MENTEUR HIGHWAY		US BROWNFIELDS
NEW ORLEANS	S105200950	CHEVRON-NEW ORLEANS STATION	CHEVRON-NEW ORLEANS STATION		SHWS
NEW ORLEANS	93345081	DELTA DUCK CLUB	DELTA DUCK CLUB		ERNS
NEW ORLEANS	99627463	MUNICIPAL SOUTHERN YACHT CLUB	MUNICIPAL SOUTHERN YACHT CLUB		ERNS
NEW ORLEANS	1008341403	RIVERWALK MALL RADIATION RESPONSE	POYDRAS STREET		CERCLIS
NEW ORLEANS	S105200868	AGRICULTURE ST LANDFILL	3 MI S OF LAKE PONCHARTRAIN		SHWS, AUL
NEW ORLEANS	S105201207	SEAWALL	SEA ISLE		SHWS
NEW ORLEANS	S105201139	NEW ORLEANS CITY OF - SEVENTH ST INCINERATOR	2117 SEVENTH ST		SHWS

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

**Number of Days to Update:** Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

## **FEDERAL RECORDS**

### **NPL: National Priority List**

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 09/27/2006	Source: EPA
Date Data Arrived at EDR: 11/01/2006	Telephone: N/A
Date Made Active in Reports: 11/22/2006	Last EDR Contact: 01/31/2007
Number of Days to Update: 21	Next Scheduled EDR Contact: 04/30/2007
	Data Release Frequency: Quarterly

### **NPL Site Boundaries**

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)  
Telephone: 202-564-7333

EPA Region 1  
Telephone 617-918-1143

EPA Region 6  
Telephone: 214-655-6659

EPA Region 3  
Telephone 215-814-5418

EPA Region 7  
Telephone: 913-551-7247

EPA Region 4  
Telephone 404-562-8033

EPA Region 8  
Telephone: 303-312-6774

EPA Region 5  
Telephone 312-886-6686

EPA Region 9  
Telephone: 415-947-4246

EPA Region 10  
Telephone 206-553-8665

### **Proposed NPL: Proposed National Priority List Sites**

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 09/27/2006	Source: EPA
Date Data Arrived at EDR: 11/01/2006	Telephone: N/A
Date Made Active in Reports: 11/22/2006	Last EDR Contact: 11/01/2006
Number of Days to Update: 21	Next Scheduled EDR Contact: 01/29/2007
	Data Release Frequency: Quarterly

### **DELISTED NPL: National Priority List Deletions**

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 09/27/2006	Source: EPA
Date Data Arrived at EDR: 11/01/2006	Telephone: N/A
Date Made Active in Reports: 11/22/2006	Last EDR Contact: 01/31/2007
Number of Days to Update: 21	Next Scheduled EDR Contact: 04/30/2007
	Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## **NPL RECOVERY:** Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991	Source: EPA
Date Data Arrived at EDR: 02/02/1994	Telephone: 202-564-4267
Date Made Active in Reports: 03/30/1994	Last EDR Contact: 11/17/2006
Number of Days to Update: 56	Next Scheduled EDR Contact: 02/19/2007
	Data Release Frequency: No Update Planned

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

CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 11/28/2006	Source: EPA
Date Data Arrived at EDR: 12/19/2006	Telephone: 703-603-8960
Date Made Active in Reports: 01/29/2007	Last EDR Contact: 12/19/2006
Number of Days to Update: 41	Next Scheduled EDR Contact: 03/19/2007
	Data Release Frequency: Quarterly

## **CERCLIS-NFRAP:** CERCLIS No Further Remedial Action Planned

Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

Date of Government Version: 10/10/2006	Source: EPA
Date Data Arrived at EDR: 10/25/2006	Telephone: 703-603-8960
Date Made Active in Reports: 11/22/2006	Last EDR Contact: 12/18/2006
Number of Days to Update: 28	Next Scheduled EDR Contact: 03/19/2007
	Data Release Frequency: Quarterly

## **CORRACTS:** Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 09/27/2006	Source: EPA
Date Data Arrived at EDR: 10/11/2006	Telephone: 800-424-9346
Date Made Active in Reports: 12/13/2006	Last EDR Contact: 12/04/2006
Number of Days to Update: 63	Next Scheduled EDR Contact: 03/05/2007
	Data Release Frequency: Quarterly

## **RCRA:** Resource Conservation and Recovery Act Information

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

RCRAInfo is EPA's comprehensive information system, providing 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). The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month. Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month. Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month. Transporters are individuals or entities that move hazardous waste from the generator off-site to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 06/13/2006	Source: EPA
Date Data Arrived at EDR: 06/28/2006	Telephone: 800-424-9346
Date Made Active in Reports: 08/23/2006	Last EDR Contact: 01/10/2007
Number of Days to Update: 56	Next Scheduled EDR Contact: 02/19/2007
	Data Release Frequency: Quarterly

## **ERNS:** Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 12/31/2005	Source: National Response Center, United States Coast Guard
Date Data Arrived at EDR: 01/12/2006	Telephone: 202-260-2342
Date Made Active in Reports: 02/21/2006	Last EDR Contact: 01/24/2007
Number of Days to Update: 40	Next Scheduled EDR Contact: 04/23/2007
	Data Release Frequency: Annually

## **HMIRS:** Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 08/01/2006	Source: U.S. Department of Transportation
Date Data Arrived at EDR: 10/18/2006	Telephone: 202-366-4555
Date Made Active in Reports: 11/22/2006	Last EDR Contact: 01/17/2007
Number of Days to Update: 35	Next Scheduled EDR Contact: 04/16/2007
	Data Release Frequency: Annually

## **US ENG CONTROLS:** Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 10/18/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/14/2006	Telephone: 703-603-8905
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 01/02/2007
Number of Days to Update: 28	Next Scheduled EDR Contact: 04/02/2007
	Data Release Frequency: Varies

## **US INST CONTROL:** Sites with Institutional Controls

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 10/18/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/14/2006	Telephone: 703-603-8905
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 01/02/2007
Number of Days to Update: 28	Next Scheduled EDR Contact: 04/02/2007
	Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## **DOD:** Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005	Source: USGS
Date Data Arrived at EDR: 11/10/2006	Telephone: 703-692-8801
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 02/08/2007
Number of Days to Update: 62	Next Scheduled EDR Contact: 05/07/2007
	Data Release Frequency: Semi-Annually

## **FUDS:** Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 12/31/2005	Source: U.S. Army Corps of Engineers
Date Data Arrived at EDR: 09/20/2006	Telephone: 202-528-4285
Date Made Active in Reports: 11/22/2006	Last EDR Contact: 01/02/2007
Number of Days to Update: 63	Next Scheduled EDR Contact: 04/02/2007
	Data Release Frequency: Varies

## **US BROWNFIELDS:** A Listing of Brownfields Sites

Included in the listing are brownfields properties addresses by Cooperative Agreement Recipients and brownfields properties addressed by Targeted Brownfields Assessments. Targeted Brownfields Assessments-EPA's Targeted Brownfields Assessments (TBA) program is designed to help states, tribes, and municipalities--especially those without EPA Brownfields Assessment Demonstration Pilots--minimize the uncertainties of contamination often associated with brownfields. Under the TBA program, EPA provides funding and/or technical assistance for environmental assessments at brownfields sites throughout the country. Targeted Brownfields Assessments supplement and work with other efforts under EPA's Brownfields Initiative to promote cleanup and redevelopment of brownfields. Cooperative Agreement Recipients--States, political subdivisions, territories, and Indian tribes become Brownfields Cleanup Revolving Loan Fund (BCRLF) cooperative agreement recipients when they enter into BCRLF cooperative agreements with the U.S. EPA. EPA selects BCRLF cooperative agreement recipients based on a proposal and application process. BCRLF cooperative agreement recipients must use EPA funds provided through BCRLF cooperative agreement for specified brownfields-related cleanup activities.

Date of Government Version: 10/17/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/20/2006	Telephone: 202-566-2777
Date Made Active in Reports: 12/13/2006	Last EDR Contact: 12/11/2006
Number of Days to Update: 54	Next Scheduled EDR Contact: 03/12/2007
	Data Release Frequency: Semi-Annually

## **CONSENT:** Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 12/14/2004	Source: Department of Justice, Consent Decree Library
Date Data Arrived at EDR: 02/15/2005	Telephone: Varies
Date Made Active in Reports: 04/25/2005	Last EDR Contact: 02/06/2007
Number of Days to Update: 69	Next Scheduled EDR Contact: 04/23/2007
	Data Release Frequency: Varies

## **ROD:** Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 10/07/2006	Source: EPA
Date Data Arrived at EDR: 10/13/2006	Telephone: 703-416-0223
Date Made Active in Reports: 12/13/2006	Last EDR Contact: 01/22/2007
Number of Days to Update: 61	Next Scheduled EDR Contact: 04/02/2007
	Data Release Frequency: Annually

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## **UMTRA:** Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 12/31/2005	Source: Department of Energy
Date Data Arrived at EDR: 11/08/2006	Telephone: 505-845-0011
Date Made Active in Reports: 01/29/2007	Last EDR Contact: 12/18/2006
Number of Days to Update: 82	Next Scheduled EDR Contact: 03/19/2007
	Data Release Frequency: Varies

## **ODI:** Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/09/2004	Telephone: 800-424-9346
Date Made Active in Reports: 09/17/2004	Last EDR Contact: 06/09/2004
Number of Days to Update: 39	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

## **TRIS:** Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2004	Source: EPA
Date Data Arrived at EDR: 06/22/2006	Telephone: 202-566-0250
Date Made Active in Reports: 08/23/2006	Last EDR Contact: 12/19/2006
Number of Days to Update: 62	Next Scheduled EDR Contact: 03/19/2007
	Data Release Frequency: Annually

## **TSCA:** Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2002	Source: EPA
Date Data Arrived at EDR: 04/14/2006	Telephone: 202-260-5521
Date Made Active in Reports: 05/30/2006	Last EDR Contact: 01/15/2007
Number of Days to Update: 46	Next Scheduled EDR Contact: 04/16/2007
	Data Release Frequency: Every 4 Years

## **FTTS:** FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 10/19/2006	Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Date Data Arrived at EDR: 10/27/2006	Telephone: 202-566-1667
Date Made Active in Reports: 11/22/2006	Last EDR Contact: 12/18/2006
Number of Days to Update: 26	Next Scheduled EDR Contact: 03/19/2007
	Data Release Frequency: Quarterly

## **FTTS INSP:** FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

Date of Government Version: 10/19/2006	Source: EPA
Date Data Arrived at EDR: 10/27/2006	Telephone: 202-566-1667
Date Made Active in Reports: 11/22/2006	Last EDR Contact: 12/18/2006
Number of Days to Update: 26	Next Scheduled EDR Contact: 03/19/2007
	Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## **SSTS:** Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2004	Source: EPA
Date Data Arrived at EDR: 05/11/2006	Telephone: 202-564-4203
Date Made Active in Reports: 05/22/2006	Last EDR Contact: 01/29/2007
Number of Days to Update: 11	Next Scheduled EDR Contact: 04/16/2007
	Data Release Frequency: Annually

## **ICIS:** Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 02/13/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 04/21/2006	Telephone: 202-564-5088
Date Made Active in Reports: 05/11/2006	Last EDR Contact: 01/15/2007
Number of Days to Update: 20	Next Scheduled EDR Contact: 04/16/2007
	Data Release Frequency: Quarterly

## **LUCIS:** Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 12/09/2005	Source: Department of the Navy
Date Data Arrived at EDR: 12/11/2006	Telephone: 843-820-7326
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 12/11/2006
Number of Days to Update: 31	Next Scheduled EDR Contact: 03/12/2007
	Data Release Frequency: Varies

## **RADINFO:** Radiation Information Database

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 11/03/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/03/2006	Telephone: 202-343-9775
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 01/31/2007
Number of Days to Update: 69	Next Scheduled EDR Contact: 04/30/2007
	Data Release Frequency: Quarterly

## **CDL:** Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site 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.

Date of Government Version: 12/01/2006	Source: Drug Enforcement Administration
Date Data Arrived at EDR: 01/08/2007	Telephone: 202-307-1000
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 01/08/2007
Number of Days to Update: 3	Next Scheduled EDR Contact: 03/26/2007
	Data Release Frequency: Quarterly

## **PADS:** PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/17/2006  
Date Data Arrived at EDR: 11/29/2006  
Date Made Active in Reports: 01/11/2007  
Number of Days to Update: 43

Source: EPA  
Telephone: 202-566-0500  
Last EDR Contact: 02/09/2007  
Next Scheduled EDR Contact: 05/07/2007  
Data Release Frequency: Annually

## **MLTS:** Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 10/19/2006  
Date Data Arrived at EDR: 10/31/2006  
Date Made Active in Reports: 12/13/2006  
Number of Days to Update: 43

Source: Nuclear Regulatory Commission  
Telephone: 301-415-7169  
Last EDR Contact: 01/02/2007  
Next Scheduled EDR Contact: 04/02/2007  
Data Release Frequency: Quarterly

## **MINES:** Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 11/15/2006  
Date Data Arrived at EDR: 12/28/2006  
Date Made Active in Reports: 01/29/2007  
Number of Days to Update: 32

Source: Department of Labor, Mine Safety and Health Administration  
Telephone: 303-231-5959  
Last EDR Contact: 12/28/2006  
Next Scheduled EDR Contact: 03/26/2007  
Data Release Frequency: Semi-Annually

## **FINDS:** Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 10/11/2006  
Date Data Arrived at EDR: 10/18/2006  
Date Made Active in Reports: 12/13/2006  
Number of Days to Update: 56

Source: EPA  
Telephone: N/A  
Last EDR Contact: 01/02/2007  
Next Scheduled EDR Contact: 04/02/2007  
Data Release Frequency: Quarterly

## **RAATS:** RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995  
Date Data Arrived at EDR: 07/03/1995  
Date Made Active in Reports: 08/07/1995  
Number of Days to Update: 35

Source: EPA  
Telephone: 202-564-4104  
Last EDR Contact: 12/04/2006  
Next Scheduled EDR Contact: 03/05/2007  
Data Release Frequency: No Update Planned

## **BRS:** Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2003  
Date Data Arrived at EDR: 06/17/2005  
Date Made Active in Reports: 08/04/2005  
Number of Days to Update: 48

Source: EPA/NTIS  
Telephone: 800-424-9346  
Last EDR Contact: 02/08/2007  
Next Scheduled EDR Contact: 03/12/2007  
Data Release Frequency: Biennially

## STATE AND LOCAL RECORDS

### **SHWS:** Potential and Confirmed Sites List

Confirmed status denotes that assessments have been performed and a determination made that (1) hazardous waste(s) or substance(s) are present at the site and (2) these sites are under the jurisdiction of the LDEQ/RSD. Potential status is an indicator that sites are either waiting to be assessed or the assessment is in progress.

Date of Government Version: 11/20/2006  
Date Data Arrived at EDR: 12/14/2006  
Date Made Active in Reports: 12/29/2006  
Number of Days to Update: 15

Source: Department of Environmental Quality  
Telephone: 225-219-3181  
Last EDR Contact: 02/12/2007  
Next Scheduled EDR Contact: 05/14/2007  
Data Release Frequency: Quarterly

### **SWF/LF:** Landfill List

Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 10/19/2006  
Date Data Arrived at EDR: 10/24/2006  
Date Made Active in Reports: 11/22/2006  
Number of Days to Update: 29

Source: Department of Environmental Quality  
Telephone: 225-219-3181  
Last EDR Contact: 01/08/2007  
Next Scheduled EDR Contact: 04/09/2007  
Data Release Frequency: Annually

### **DEBRIS:** LDEQ Approved Debris Sites

A listing of LDEQ Approved Debris Sites where hurricane debris is dumped.

Date of Government Version: 04/18/2006  
Date Data Arrived at EDR: 06/28/2006  
Date Made Active in Reports: 07/27/2006  
Number of Days to Update: 29

Source: Department of Environmental Quality  
Telephone: 225-219-3953  
Last EDR Contact: 12/29/2006  
Next Scheduled EDR Contact: 03/26/2007  
Data Release Frequency: Varies

### **SWRCY:** Recycling Directory

A listing of recycling facilities.

Date of Government Version: 01/09/2007  
Date Data Arrived at EDR: 01/09/2007  
Date Made Active in Reports: 01/31/2007  
Number of Days to Update: 22

Source: Department of Environmental Quality  
Telephone: 225-219-3181  
Last EDR Contact: 01/09/2007  
Next Scheduled EDR Contact: 04/09/2007  
Data Release Frequency: Semi-Annually

### **LUST:** Leaking Underground Storage Tanks

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state.

Date of Government Version: 11/01/2006  
Date Data Arrived at EDR: 12/14/2006  
Date Made Active in Reports: 12/29/2006  
Number of Days to Update: 15

Source: Department of Environmental Quality  
Telephone: 225-219-3181  
Last EDR Contact: 02/12/2007  
Next Scheduled EDR Contact: 05/14/2007  
Data Release Frequency: Varies

### **HIST LUST:** Underground Storage Tank Case History Incidents

This listing includes detailed information for Leaking Underground Storage Tanks reported through November 1999. It is no longer updated. Current LUST incidents, without detail, can be found in the Leaking Underground Storage Tank Database

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 11/01/1999  
Date Data Arrived at EDR: 02/16/2000  
Date Made Active in Reports: 05/01/2000  
Number of Days to Update: 75

Source: Department of Environmental Quality  
Telephone: N/A  
Last EDR Contact: 12/04/2001  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

## **UST:** Louisiana Underground Storage Tank Database

Registered Underground Storage Tanks. UST's are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA) and must be registered with the state department responsible for administering the UST program. Available information varies by state program.

Date of Government Version: 10/24/2006  
Date Data Arrived at EDR: 10/31/2006  
Date Made Active in Reports: 12/12/2006  
Number of Days to Update: 42

Source: Department of Environmental Quality  
Telephone: 225-219-3181  
Last EDR Contact: 01/02/2007  
Next Scheduled EDR Contact: 04/02/2007  
Data Release Frequency: Quarterly

## **LIENS:** Environmental Liens

Date of Government Version: 11/15/2006  
Date Data Arrived at EDR: 12/14/2006  
Date Made Active in Reports: 12/29/2006  
Number of Days to Update: 15

Source: Department of Environmental Quality  
Telephone: N/A  
Last EDR Contact: 02/12/2007  
Next Scheduled EDR Contact: 05/14/2007  
Data Release Frequency: Varies

## **SPILLS:** Emergency Response Section Incidents

Spills and/or releases, to land, reported to the Emergency Response Section.

Date of Government Version: 10/25/2006  
Date Data Arrived at EDR: 11/06/2006  
Date Made Active in Reports: 11/22/2006  
Number of Days to Update: 16

Source: Department of Environmental Quality  
Telephone: 225-219-3620  
Last EDR Contact: 01/08/2007  
Next Scheduled EDR Contact: 03/12/2007  
Data Release Frequency: Varies

## **AUL:** Listing of Institutional and/or Engineering Controls

A notice of contamination (nature and levels of contaminants) and restriction of property to non-residential use are placed in the conveyance records for the property.

Date of Government Version: 11/16/2006  
Date Data Arrived at EDR: 12/14/2006  
Date Made Active in Reports: 12/29/2006  
Number of Days to Update: 15

Source: Department of Environmental Quality  
Telephone: 225-219-3168  
Last EDR Contact: 02/12/2007  
Next Scheduled EDR Contact: 05/14/2007  
Data Release Frequency: Quarterly

## **VCP:** Voluntary Remediation Program Sites

Sites that have entered the Department of Environmental Quality's Voluntary Remediation Program

Date of Government Version: 11/20/2006  
Date Data Arrived at EDR: 12/15/2006  
Date Made Active in Reports: 12/29/2006  
Number of Days to Update: 14

Source: Department of Environmental Quality  
Telephone: 225-219-3181  
Last EDR Contact: 02/12/2007  
Next Scheduled EDR Contact: 05/14/2007  
Data Release Frequency: Varies

## **DRYCLEANERS:** Drycleaner Facility Listing

A listing of drycleaner facilities.

Date of Government Version: 05/15/2006  
Date Data Arrived at EDR: 06/19/2006  
Date Made Active in Reports: 07/27/2006  
Number of Days to Update: 38

Source: Department of Environmental Quality  
Telephone: 225-219-3168  
Last EDR Contact: 01/24/2007  
Next Scheduled EDR Contact: 05/14/2007  
Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## TRIBAL RECORDS

### **INDIAN RESERV:** Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2005	Source: USGS
Date Data Arrived at EDR: 02/06/2006	Telephone: 202-208-3710
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 02/08/2007
Number of Days to Update: 339	Next Scheduled EDR Contact: 05/07/2007
	Data Release Frequency: Semi-Annually

### **INDIAN LUST R1:** Leaking Underground Storage Tanks on Indian Land

A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 12/01/2006	Source: EPA Region 1
Date Data Arrived at EDR: 12/01/2006	Telephone: 617-918-1313
Date Made Active in Reports: 01/29/2007	Last EDR Contact: 11/17/2006
Number of Days to Update: 59	Next Scheduled EDR Contact: 02/19/2007
	Data Release Frequency: Varies

### **INDIAN LUST R6:** Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 01/04/2005	Source: EPA Region 6
Date Data Arrived at EDR: 01/21/2005	Telephone: 214-665-6597
Date Made Active in Reports: 02/28/2005	Last EDR Contact: 11/17/2006
Number of Days to Update: 38	Next Scheduled EDR Contact: 02/19/2007
	Data Release Frequency: Varies

### **INDIAN LUST R4:** Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Florida, Minnesota, Mississippi and North Carolina.

Date of Government Version: 08/24/2006	Source: EPA Region 4
Date Data Arrived at EDR: 09/11/2006	Telephone: 404-562-8677
Date Made Active in Reports: 11/08/2006	Last EDR Contact: 11/17/2006
Number of Days to Update: 58	Next Scheduled EDR Contact: 02/19/2007
	Data Release Frequency: Semi-Annually

### **INDIAN LUST R8:** Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 11/30/2006	Source: EPA Region 8
Date Data Arrived at EDR: 12/08/2006	Telephone: 303-312-6271
Date Made Active in Reports: 01/29/2007	Last EDR Contact: 11/17/2006
Number of Days to Update: 52	Next Scheduled EDR Contact: 02/19/2007
	Data Release Frequency: Quarterly

### **INDIAN LUST R10:** Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 11/21/2006	Source: EPA Region 10
Date Data Arrived at EDR: 12/08/2006	Telephone: 206-553-2857
Date Made Active in Reports: 01/29/2007	Last EDR Contact: 11/17/2006
Number of Days to Update: 52	Next Scheduled EDR Contact: 02/19/2007
	Data Release Frequency: Quarterly

### **INDIAN LUST R9:** Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 12/19/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/19/2006	Telephone: 415-972-3372
Date Made Active in Reports: 01/29/2007	Last EDR Contact: 11/17/2006
Number of Days to Update: 41	Next Scheduled EDR Contact: 02/19/2007
	Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

**INDIAN LUST R7:** Leaking Underground Storage Tanks on Indian Land  
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 09/06/2006	Source: EPA Region 7
Date Data Arrived at EDR: 10/04/2006	Telephone: 913-551-7003
Date Made Active in Reports: 11/08/2006	Last EDR Contact: 11/17/2006
Number of Days to Update: 35	Next Scheduled EDR Contact: 02/19/2007
	Data Release Frequency: Varies

**INDIAN UST R4:** Underground Storage Tanks on Indian Land

Date of Government Version: 08/24/2006	Source: EPA Region 4
Date Data Arrived at EDR: 09/11/2006	Telephone: 404-562-9424
Date Made Active in Reports: 11/08/2006	Last EDR Contact: 11/17/2006
Number of Days to Update: 58	Next Scheduled EDR Contact: 02/19/2007
	Data Release Frequency: Semi-Annually

**INDIAN UST R7:** Underground Storage Tanks on Indian Land

Date of Government Version: 09/06/2006	Source: EPA Region 7
Date Data Arrived at EDR: 10/04/2006	Telephone: 913-551-7003
Date Made Active in Reports: 11/08/2006	Last EDR Contact: 11/17/2006
Number of Days to Update: 35	Next Scheduled EDR Contact: 02/19/2007
	Data Release Frequency: Varies

**INDIAN UST R8:** Underground Storage Tanks on Indian Land

Date of Government Version: 11/30/2006	Source: EPA Region 8
Date Data Arrived at EDR: 12/08/2006	Telephone: 303-312-6137
Date Made Active in Reports: 01/29/2007	Last EDR Contact: 11/17/2006
Number of Days to Update: 52	Next Scheduled EDR Contact: 02/19/2007
	Data Release Frequency: Quarterly

**INDIAN UST R5:** Underground Storage Tanks on Indian Land

Date of Government Version: 12/02/2004	Source: EPA Region 5
Date Data Arrived at EDR: 12/29/2004	Telephone: 312-886-6136
Date Made Active in Reports: 02/04/2005	Last EDR Contact: 11/17/2006
Number of Days to Update: 37	Next Scheduled EDR Contact: 02/19/2007
	Data Release Frequency: Varies

**INDIAN UST R10:** Underground Storage Tanks on Indian Land

Date of Government Version: 11/21/2006	Source: EPA Region 10
Date Data Arrived at EDR: 12/08/2006	Telephone: 206-553-2857
Date Made Active in Reports: 01/29/2007	Last EDR Contact: 11/17/2006
Number of Days to Update: 52	Next Scheduled EDR Contact: 02/19/2007
	Data Release Frequency: Quarterly

**INDIAN UST R1:** Underground Storage Tanks on Indian Land

A listing of underground storage tank locations on Indian Land.

Date of Government Version: 12/01/2006	Source: EPA, Region 1
Date Data Arrived at EDR: 12/01/2006	Telephone: 617-918-1313
Date Made Active in Reports: 01/29/2007	Last EDR Contact: 11/17/2006
Number of Days to Update: 59	Next Scheduled EDR Contact: 02/19/2007
	Data Release Frequency: Varies

**INDIAN UST R6:** Underground Storage Tanks on Indian Land

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 01/11/2007  
Date Data Arrived at EDR: 01/12/2007  
Date Made Active in Reports: 01/29/2007  
Number of Days to Update: 17

Source: EPA Region 6  
Telephone: 214-665-7591  
Last EDR Contact: 11/17/2006  
Next Scheduled EDR Contact: 02/19/2007  
Data Release Frequency: Semi-Annually

## **INDIAN UST R9:** Underground Storage Tanks on Indian Land

Date of Government Version: 12/19/2006  
Date Data Arrived at EDR: 12/19/2006  
Date Made Active in Reports: 01/29/2007  
Number of Days to Update: 41

Source: EPA Region 9  
Telephone: 415-972-3368  
Last EDR Contact: 11/17/2006  
Next Scheduled EDR Contact: 02/19/2007  
Data Release Frequency: Quarterly

## **EDR PROPRIETARY RECORDS**

### **Manufactured Gas Plants:** EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A  
Date Data Arrived at EDR: N/A  
Date Made Active in Reports: N/A  
Number of Days to Update: N/A

Source: EDR, Inc.  
Telephone: N/A  
Last EDR Contact: N/A  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

### **EDR Historical Auto Stations:** EDR Proprietary Historic Gas Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc.

Date of Government Version: N/A  
Date Data Arrived at EDR: N/A  
Date Made Active in Reports: N/A  
Number of Days to Update: N/A

Source: EDR, Inc.  
Telephone: N/A  
Last EDR Contact: N/A  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: Varies

### **EDR Historical Cleaners:** EDR Proprietary Historic Dry Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc.

Date of Government Version: N/A  
Date Data Arrived at EDR: N/A  
Date Made Active in Reports: N/A  
Number of Days to Update: N/A

Source: EDR, Inc.  
Telephone: N/A  
Last EDR Contact: N/A  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## COUNTY RECORDS

### ORLEANS COUNTY:

#### **Brownfields Inventory**

Brownfields are abandoned, idled, or underused industrial or commercial real property, the expansion, redevelopment or reuse of which may be complicated by the presence of or potential presence of a hazardous substance, pollutant, or contaminant.

Date of Government Version: 11/15/2006  
Date Data Arrived at EDR: 11/15/2006  
Date Made Active in Reports: 12/29/2006  
Number of Days to Update: 44

Source: New Orleans Office of Environmental Affairs  
Telephone: 504-658-4070  
Last EDR Contact: 11/15/2006  
Next Scheduled EDR Contact: 11/13/2006  
Data Release Frequency: Quarterly

## OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

### **CT MANIFEST:** Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 12/31/2004  
Date Data Arrived at EDR: 02/17/2006  
Date Made Active in Reports: 04/07/2006  
Number of Days to Update: 49

Source: Department of Environmental Protection  
Telephone: 860-424-3375  
Last EDR Contact: 12/11/2006  
Next Scheduled EDR Contact: 03/12/2007  
Data Release Frequency: Annually

### **NY MANIFEST:** Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 10/26/2006  
Date Data Arrived at EDR: 11/29/2006  
Date Made Active in Reports: 01/05/2007  
Number of Days to Update: 37

Source: Department of Environmental Conservation  
Telephone: 518-402-8651  
Last EDR Contact: 11/29/2006  
Next Scheduled EDR Contact: 02/26/2007  
Data Release Frequency: Annually

### **PA MANIFEST:** Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2005  
Date Data Arrived at EDR: 03/17/2006  
Date Made Active in Reports: 06/06/2006  
Number of Days to Update: 81

Source: Department of Environmental Protection  
Telephone: N/A  
Last EDR Contact: 12/11/2006  
Next Scheduled EDR Contact: 03/12/2007  
Data Release Frequency: Annually

### **WI MANIFEST:** Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2005  
Date Data Arrived at EDR: 03/17/2006  
Date Made Active in Reports: 05/02/2006  
Number of Days to Update: 46

Source: Department of Natural Resources  
Telephone: N/A  
Last EDR Contact: 02/06/2007  
Next Scheduled EDR Contact: 04/09/2007  
Data Release Frequency: Annually

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

**Oil/Gas Pipelines:** This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines.

## **Electric Power Transmission Line Data**

Source: PennWell Corporation

Telephone: (800) 823-6277

This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

**Sensitive Receptors:** There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

## **AHA Hospitals:**

Source: American Hospital Association, Inc.

Telephone: 312-280-5991

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

## **Medical Centers: Provider of Services Listing**

Source: Centers for Medicare & Medicaid Services

Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

## **Nursing Homes**

Source: National Institutes of Health

Telephone: 301-594-6248

Information on Medicare and Medicaid certified nursing homes in the United States.

## **Public Schools**

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

## **Private Schools**

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on private school locations in the United States.

**Flood Zone Data:** This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

**NWI:** National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

## **Scanned Digital USGS 7.5' Topographic Map (DRG)**

Source: United States Geologic Survey

A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## STREET AND ADDRESS INFORMATION

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## **GEOCHECK<sup>®</sup> - PHYSICAL SETTING SOURCE ADDENDUM**

### **TARGET PROPERTY ADDRESS**

EASTOVER COUNTRY CLUB  
5690 EASTOVER DRIVE  
NEW ORLEANS, LA 70128

### **TARGET PROPERTY COORDINATES**

Latitude (North):	30.05140 - 30° 3' 5.0"
Longitude (West):	89.9453 - 89° 56' 43.1"
Universal Tranverse Mercator:	Zone 16
UTM X (Meters):	216010.6
UTM Y (Meters):	3327958.0
Elevation:	6 ft. below sea level

### **USGS TOPOGRAPHIC MAP**

Target Property Map:	30089-A8 LITTLE WOODS, LA
Most Recent Revision:	2001

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

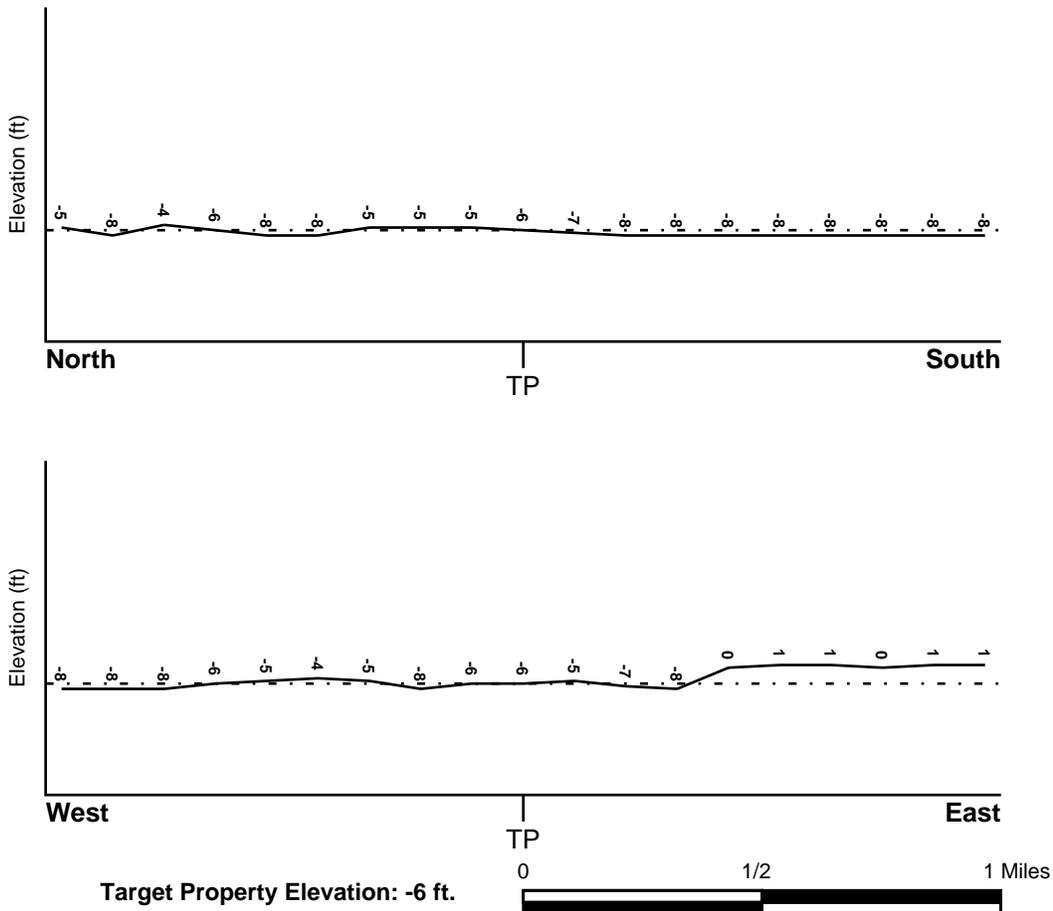
## TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

## TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General SSW

## SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

## **FEMA FLOOD ZONE**

<u>Target Property County</u> ORLEANS, LA	<u>FEMA Flood Electronic Data</u> YES - refer to the Overview Map and Detail Map
Flood Plain Panel at Target Property:	22071C0105E
Additional Panels in search area:	22071C0110E

## **NATIONAL WETLAND INVENTORY**

<u>NWI Quad at Target Property</u> LITTLE WOODS	<u>NWI Electronic Data Coverage</u> YES - refer to the Overview Map and Detail Map
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## HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

### ***Site-Specific Hydrogeological Data\*:***

Search Radius:	1.25 miles
Status:	Not found

## **AQUIFLOW®**

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

<u>MAP ID</u>	<u>LOCATION FROM TP</u>	<u>GENERAL DIRECTION GROUNDWATER FLOW</u>
7	1/2 - 1 Mile WSW	S

For additional site information, refer to Physical Setting Source Map Findings.

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

### GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

### GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

#### ROCK STRATIGRAPHIC UNIT

Era: Cenozoic  
System: Quaternary  
Series: Holocene  
Code: Qh (*decoded above as Era, System & Series*)

#### GEOLOGIC AGE IDENTIFICATION

Category: Stratified Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

### DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps. The following information is based on Soil Conservation Service STATSGO data.

Soil Component Name: KENNER

Soil Surface Texture: muck

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Poorly. Soils may have a saturated zone, a layer of low hydraulic conductivity, or seepage. Depth to water table is less than 1 foot.

Hydric Status: Soil meets the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: HIGH

Depth to Bedrock Min: > 60 inches

Depth to Bedrock Max: > 60 inches

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Permeability Rate (in/hr)	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	12 inches	muck	A-8	Highly organic soils, Peat.	Max: 20.00 Min: 2.00	Max: 7.30 Min: 3.60
2	12 inches	19 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Elastic silt.	Max: 0.06 Min: 0.00	Max: 7.30 Min: 3.60
3	19 inches	38 inches	muck	A-8	Highly organic soils, Peat.	Max: 20.00 Min: 6.00	Max: 7.30 Min: 3.60
4	38 inches	42 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Elastic silt.	Max: 0.06 Min: 0.00	Max: 7.30 Min: 3.60
5	42 inches	99 inches	muck	A-8	Highly organic soils, Peat.	Max: 20.00 Min: 6.00	Max: 7.30 Min: 3.60

### OTHER SOIL TYPES IN AREA

Based on Soil Conservation Service STATSGO data, the following additional subordinant soil types may appear within the general area of target property.

Soil Surface Textures: clay

Surficial Soil Types: clay

Shallow Soil Types: muck

Deeper Soil Types: clay

### LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

### WELL SEARCH DISTANCE INFORMATION

<u>DATABASE</u>	<u>SEARCH DISTANCE (miles)</u>
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## FEDERAL USGS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
1	USGS2400789	1/2 - 1 Mile West
A3	USGS2400792	1/2 - 1 Mile NW
A4	USGS2400793	1/2 - 1 Mile NW
5	USGS2400794	1/2 - 1 Mile NW
6	USGS2400796	1/2 - 1 Mile NNE

## FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

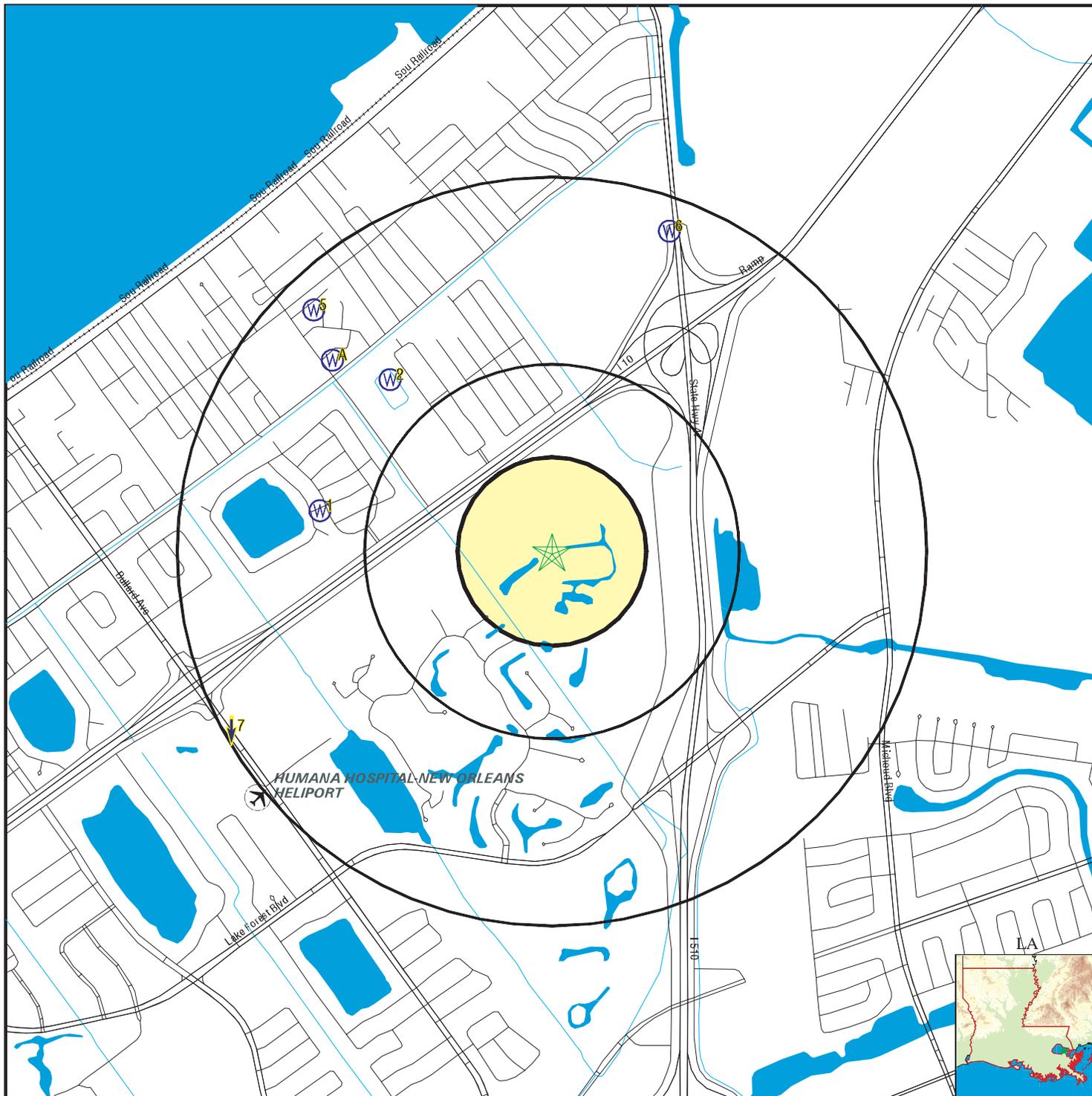
<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No PWS System Found		

Note: PWS System location is not always the same as well location.

## STATE DATABASE WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
2	LA10000456	1/2 - 1 Mile NW

# PHYSICAL SETTING SOURCE MAP - 1856903.2s



- County Boundary
- Major Roads
- Contour Lines
- Airports
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons

- Groundwater Flow Direction
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location
- Closest Hydrogeological Data
- Oil, gas or related wells

No contour lines were detected within this map area.

SITE NAME: Eastover Country Club  
 ADDRESS: 5690 Eastover Drive  
 New Orleans LA 70128  
 LAT/LONG: 30.0514 / 89.9453

CLIENT: Earth Search, Inc.  
 CONTACT: Cheryl Bommarito  
 INQUIRY #: 1856903.2s  
 DATE: February 14, 2007 2:44 pm

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Elevation

Database      EDR ID Number

**1**  
**West**  
**1/2 - 1 Mile**  
**Higher**

**FED USGS      USGS2400789**

Agency cd:	USGS	Site no:	300310089572001
Site name:	OR- 207		
Latitude:	300310		
Longitude:	0895720	Dec lat:	30.05297854
Dec lon:	-89.95562396	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	22
State:	22	County:	071
Country:	US	Land net:	S 36T11S R12E
Location map:	CHEF MENTEUR 191	Map scale:	62500
Altitude:	-5.00		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	2.5		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Eastern Louisiana Coastal. Louisiana. Area = 2160 sq.mi.		
Topographic:	Flat surface		
Site type:	Ground-water other than Spring	Date construction:	19810624
Date inventoried:	Not Reported	Mean greenwich time offset:	CST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	GONZALES-NEW ORLEANS AQUIFER		
Well depth:	472	Hole depth:	472
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1981-06-24	Ground water data end date:	1981-06-24
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
----- 1981-06-24	90.00	

**2**  
**NW**  
**1/2 - 1 Mile**  
**Lower**

**LA WELLS      LA10000456**

Township:	11S	Range:	25E
Wsection:	025	Name:	U S COAST GUARD
Dotwell:	-5002Z	Ownerwell:	Not Reported
Dname:	GRINER	Welldepth:	804
Welluse:	PLUGGED	Casingsize:	Not Reported
Drilldate:	08/81	Waterlevel:	Not Reported
Wldate:	Not Reported	Gunit:	11200NWM
Latitude:	300329	Longitude:	895709
Availinfo:	Not Reported		
Lat dec:	30.0581	Long dec:	-89.9525

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Elevation

Database      EDR ID Number

**A3**  
**NW**  
**1/2 - 1 Mile**  
**Higher**

**FED USGS      USGS2400792**

Agency cd:	USGS	Site no:	300331089571801
Site name:	OR- 201		
Latitude:	300331		
Longitude:	0895718	Dec lat:	30.05881175
Dec lon:	-89.95506845	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	22
State:	22	County:	071
Country:	US	Land net:	S 25T11S R12E
Location map:	LITTLE WOODS 191C	Map scale:	24000
Altitude:	-5.00		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	2.5		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Eastern Louisiana Coastal. Louisiana. Area = 2160 sq.mi.		
Topographic:	Flat surface		
Site type:	Ground-water other than Spring	Date construction:	19810807
Date inventoried:	Not Reported	Mean greenwich time offset:	CST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	804
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

**A4**  
**NW**  
**1/2 - 1 Mile**  
**Higher**

**FED USGS      USGS2400793**

Agency cd:	USGS	Site no:	300331089571802
Site name:	OR- 204		
Latitude:	300331		
Longitude:	0895718	Dec lat:	30.05881175
Dec lon:	-89.95506845	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	22
State:	22	County:	071
Country:	US	Land net:	S 25T11S R12E
Location map:	LITTLE WOODS 191C	Map scale:	24000

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Altitude: Not Reported  
 Altitude method: Interpolated from topographic map  
 Altitude accuracy: 2.5  
 Altitude datum: Not Reported  
 Hydrologic: Eastern Louisiana Coastal. Louisiana. Area = 2160 sq.mi.  
 Topographic: Flat surface  
 Site type: Ground-water other than Spring      Date construction: 19811207  
 Date inventoried: Not Reported      Mean greenwich time offset: CST  
 Local standard time flag: Y  
 Type of ground water site: Single well, other than collector or Ranney type  
 Aquifer Type: Not Reported  
 Aquifer: GONZALES-NEW ORLEANS AQUIFER  
 Well depth: 572      Hole depth: 744  
 Source of depth data: Not Reported  
 Project number: Not Reported  
 Real time data flag: 0      Daily flow data begin date: 0000-00-00  
 Daily flow data end date: 0000-00-00      Daily flow data count: 0  
 Peak flow data begin date: 0000-00-00      Peak flow data end date: 0000-00-00  
 Peak flow data count: 0      Water quality data begin date: 1982-01-20  
 Water quality data end date: 1982-01-20      Water quality data count: 1  
 Ground water data begin date: 1982-01-20      Ground water data end date: 1982-01-20  
 Ground water data count: 1

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
----- 1982-01-20	84.79	

**5  
NW  
1/2 - 1 Mile  
Higher**

**FED USGS      USGS2400794**

Agency cd: USGS      Site no: 300338089572101  
 Site name: OR- 205  
 Latitude: 300338  
 Longitude: 0895721      Dec lat: 30.06075616  
 Dec lon: -89.95590184      Coor meth: M  
 Coor acc: S      Latlong datum: NAD27  
 Dec latlong datum: NAD83      District: 22  
 State: 22      County: 071  
 Country: US      Land net: S 25T11S R12E  
 Location map: LITTLE WOODS 191C      Map scale: 24000  
 Altitude: -4.00  
 Altitude method: Interpolated from topographic map  
 Altitude accuracy: 2.5  
 Altitude datum: National Geodetic Vertical Datum of 1929  
 Hydrologic: Eastern Louisiana Coastal. Louisiana. Area = 2160 sq.mi.  
 Topographic: Flat surface  
 Site type: Ground-water other than Spring      Date construction: 19811207  
 Date inventoried: Not Reported      Mean greenwich time offset: CST  
 Local standard time flag: Y  
 Type of ground water site: Single well, other than collector or Ranney type  
 Aquifer Type: Not Reported  
 Aquifer: GONZALES-NEW ORLEANS AQUIFER  
 Well depth: 567      Hole depth: 575  
 Source of depth data: Not Reported  
 Project number: Not Reported  
 Real time data flag: 0      Daily flow data begin date: 0000-00-00  
 Daily flow data end date: 0000-00-00      Daily flow data count: 0  
 Peak flow data begin date: 0000-00-00      Peak flow data end date: 0000-00-00

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Peak flow data count: 0  
 Water quality data end date: 0000-00-00  
 Ground water data begin date: 1981-12-07  
 Ground water data count: 1  
 Water quality data begin date: 0000-00-00  
 Water quality data count: 0  
 Ground water data end date: 1981-12-07

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1981-12-07	85.09	

**6**  
**NNE**  
**1/2 - 1 Mile**  
**Higher**

**FED USGS USGS2400796**

Agency cd:	USGS	Site no:	300349089562401
Site name:	OR- 203		
Latitude:	300349		
Longitude:	0895624	Dec lat:	30.06381153
Dec lon:	-89.94006788	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	22
State:	22	County:	071
Country:	US	Land net:	S 30T11S R13E
Location map:	LITTLE WOODS 191C	Map scale:	24000
Altitude:	-5.00		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	2.5		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Eastern Louisiana Coastal. Louisiana. Area = 2160 sq.mi.		
Topographic:	Flat surface		
Site type:	Ground-water other than Spring	Date construction:	19810828
Date inventoried:	Not Reported	Mean greenwich time offset:	CST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	GONZALES-NEW ORLEANS AQUIFER		
Well depth:	453	Hole depth:	594
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	1981-08-27
Water quality data end date:	2003-03-24	Water quality data count:	36
Ground water data begin date:	1981-09-29	Ground water data end date:	2004-03-31
Ground water data count:	66		

Ground-water levels, Number of Measurements: 66

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
2004-03-31	67.78		2002-09-17	65.22	
2002-05-06	59.50		2001-03-20	65.67	
2000-11-08	70.65		2000-09-27	71.44	
1999-09-27	70.76		1999-03-22	70.45	
1998-11-02	73.26		1998-05-01	67.12	
1997-10-23	71.26		1997-04-16	60.87	

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1996-09-25	70.53		1996-05-21	64.14	
1995-09-21	70.08		1995-04-17	60.87	
1994-12-20	65.49		1994-07-14	69.14	
1994-03-29	65.93		1994-01-07	65.88	
1993-04-23	66.93		1993-04-22	60.50	
1993-02-05	58.42		1992-04-09	62.58	
1991-11-19	61.57		1991-05-02	68.08	
1990-11-21	65.93		1990-04-06	66.22	
1989-11-14	72.85		1989-09-12	73.31	
1989-09-05	72.93		1989-07-11	70.49	
1989-05-18	66.51		1989-05-11	66.58	
1989-03-09	67.24		1989-01-04	69.88	
1988-11-01	77.09		1988-06-29	74.82	
1988-03-21	68.86		1987-12-08	70.90	
1987-10-21	71.92		1987-07-02	73.01	
1987-01-20	72.75		1987-01-07	69.02	
1986-10-09	73.42		1986-08-18	72.33	
1986-04-08	71.43		1986-02-20	69.01	
1985-11-05	70.70		1985-08-27	74.25	
1985-04-15	67.21		1985-02-12	66.95	
1984-10-12	73.40		1984-07-11	73.55	
1984-04-25	71.40		1984-02-10	72.70	
1983-10-27	71.25		1983-07-19	69.75	
1983-03-23	66.55		1983-02-03	66.50	
1983-01-06	70.20		1982-10-20	73.05	
1982-08-06	77.83		1982-04-07	76.93	
1982-01-21	77.29		1981-09-29	81.72	

**7  
WSW  
1/2 - 1 Mile  
Higher**

Site ID: U003073475  
 Groundwater Flow: S  
 Average Water Depth: Not Reported  
 Deep Water Depth: Not Reported  
 Shallow Water Depth: Not Reported  
 Date: 10/23/1990

**AQUIFLOW 27691**

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

## AREA RADON INFORMATION

State Database: LA Radon

### Radon Test Results

Parish	Avg pCi/L	Total Sites
ORLEANS	0.27255	51

Federal EPA Radon Zone for ORLEANS County: 3

- Note: Zone 1 indoor average level > 4 pCi/L.  
 : Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.  
 : Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for Zip Code: 70128

Number of sites tested: 2

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.200 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	Not Reported	Not Reported	Not Reported	Not Reported

# PHYSICAL SETTING SOURCE RECORDS SEARCHED

## TOPOGRAPHIC INFORMATION

### **USGS 7.5' Digital Elevation Model (DEM)**

Source: United States Geologic Survey

EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

### **Scanned Digital USGS 7.5' Topographic Map (DRG)**

Source: United States Geologic Survey

A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

## HYDROLOGIC INFORMATION

**Flood Zone Data:** This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

**NWI:** National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

## HYDROGEOLOGIC INFORMATION

### **AQUIFLOW<sup>R</sup> Information System**

Source: EDR proprietary database of groundwater flow information

EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

## GEOLOGIC INFORMATION

### **Geologic Age and Rock Stratigraphic Unit**

Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

### **STATSGO: State Soil Geographic Database**

Source: Department of Agriculture, Natural Resources Conservation Services

The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

### **SSURGO: Soil Survey Geographic Database**

Source: Department of Agriculture, Natural Resources Conservation Services (NRCS)

Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Services, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

# PHYSICAL SETTING SOURCE RECORDS SEARCHED

## LOCAL / REGIONAL WATER AGENCY RECORDS

### FEDERAL WATER WELLS

#### **PWS:** Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

#### **PWS ENF:** Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

#### **USGS Water Wells:** USGS National Water Inventory System (NWIS)

This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

### STATE RECORDS

#### **Louisiana Public Water Supply Wells**

Source: Office of Public Health

Telephone: 504-568-5101

#### **Water Well Registration Data File**

Source: Department of Transportation and Development

Telephone: 225-274-4172

#### **Oil and Gas Well Database**

Source: Department of Natural Resources

Telephone: 225-342-1977

Oil and gas well locations in Louisiana.

## OTHER STATE DATABASE INFORMATION

### RADON

#### **State Database: LA Radon**

Source: Department of Environmental Quality

Telephone: 225-925-1752

Radon Levels

#### **Area Radon Information**

Source: USGS

Telephone: 703-356-4020

The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

#### **EPA Radon Zones**

Source: EPA

Telephone: 703-356-4020

Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

# PHYSICAL SETTING SOURCE RECORDS SEARCHED

## OTHER

**Airport Landing Facilities:** Private and public use landing facilities  
Source: Federal Aviation Administration, 800-457-6656

**Epicenters:** World earthquake epicenters, Richter 5 or greater  
Source: Department of Commerce, National Oceanic and Atmospheric Administration

## STREET AND ADDRESS INFORMATION

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## **APPENDIX D**

### **EDR Radius Map Report**

**APPENDIX E**  
**EDR Abstracts**



## Sanborn® Map Report

**Ship To:** Rick Murphy  
Hydrodyne  
1416 Carrollton Avenue  
Metairie, LA 70005

**Order Date:** 2/11/2004 **Completion Date:** 2/11/2004

**Inquiry #:** 1127534.4S

**P.O. #:** NA

**Site Name:** Eastover Country Club

**Address:** 5690 Eastover Blvd

**City/State:** New Orleans, LA 70128

**Cross Streets:**

**Customer Project:** LA04-02  
1017257KFG 504-835-6018

Based on client-supplied information, fire insurance maps for the following years were identified

1994 - 1 Map

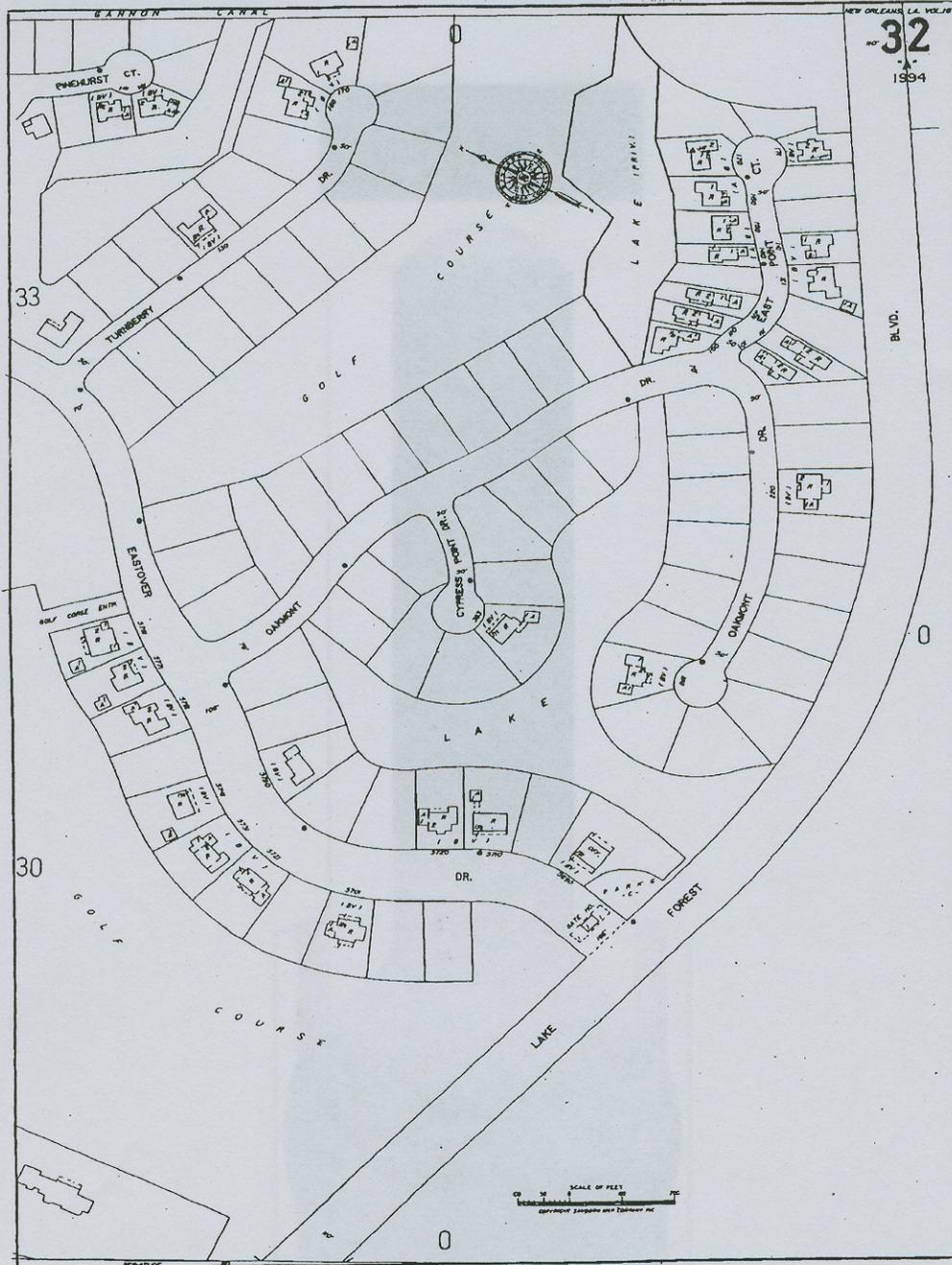
Limited Permission to Photocopy

Total Maps: 1

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"Linking Technology with Tradition"®

## Sanborn® Map Report

**Ship To:** Cheryl Bommarito  
Earth Search, Inc.  
857 Brown Switch Road  
Slidell, LA 70458

**Order Date:** 2/14/2007    **Completion Date:** 2/14/2007  
**Inquiry #:** 1856903.3  
**P.O. #:** NA  
**Site Name:** Eastover Country Club

**Customer Project:** Eastover Countr  
5012880ACJ                      904-251-4100

**Address:** 5690 Eastover Drive  
**City/State:** New Orleans, LA 70128  
**Cross Streets:**

This document reports that the largest and most complete collection of Sanborn fire insurance maps has been reviewed based on client supplied information, and fire insurance maps depicting the target property at the specified address were not identified.

**NO COVERAGE**

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# **The EDR Aerial Photo Decade Package**

**Eastover Country Club  
5690 Eastover Drive  
New Orleans, LA 70128**

**Inquiry Number: 1856903.5**

**February 14, 2007**



## **The Standard in Environmental Risk Management Information**

440 Wheelers Farms Road  
Milford, Connecticut 06461

### **Nationwide Customer Service**

Telephone: 1-800-352-0050  
Fax: 1-800-231-6802  
Internet: [www.edrnet.com](http://www.edrnet.com)

# EDR Aerial Photo Decade Package

Environmental Data Resources, Inc. (EDR) Aerial Photo Decade Package is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDRs professional researchers provide digitally reproduced historical aerial photographs, and when available, provide one photo per decade.

This document reports that EDR searched its own collection or select outside repository collections of aerial photography, and based on client-supplied target property information, aerial photography, including the target property was not deemed reasonably ascertainable by Environmental Data Resources, Inc. (EDR). This no coverage determination reflects a search only of aerial photography repository collections that EDR accessed. It can not be concluded from this search that no coverage for the target property exists anywhere, in any collection.

## NO COVERAGE

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# **EDR Historical Topographic Map Report**

**Eastover Country Club  
5690 Eastover Drive  
New Orleans, LA 70128**

**Inquiry Number: 1856903.4**

**February 14, 2007**



**EDR<sup>®</sup>** Environmental  
Data Resources Inc

## **The Standard in Environmental Risk Management Information**

440 Wheelers Farms Rd  
Milford, Connecticut 06461

### **Nationwide Customer Service**

Telephone: 1-800-352-0050  
Fax: 1-800-231-6802  
Internet: [www.edrnet.com](http://www.edrnet.com)

# EDR Historical Topographic Map Report

Environmental Data Resources, Inc.s (EDR) Historical Topographic Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDRs Historical Topographic Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the early 1900s.

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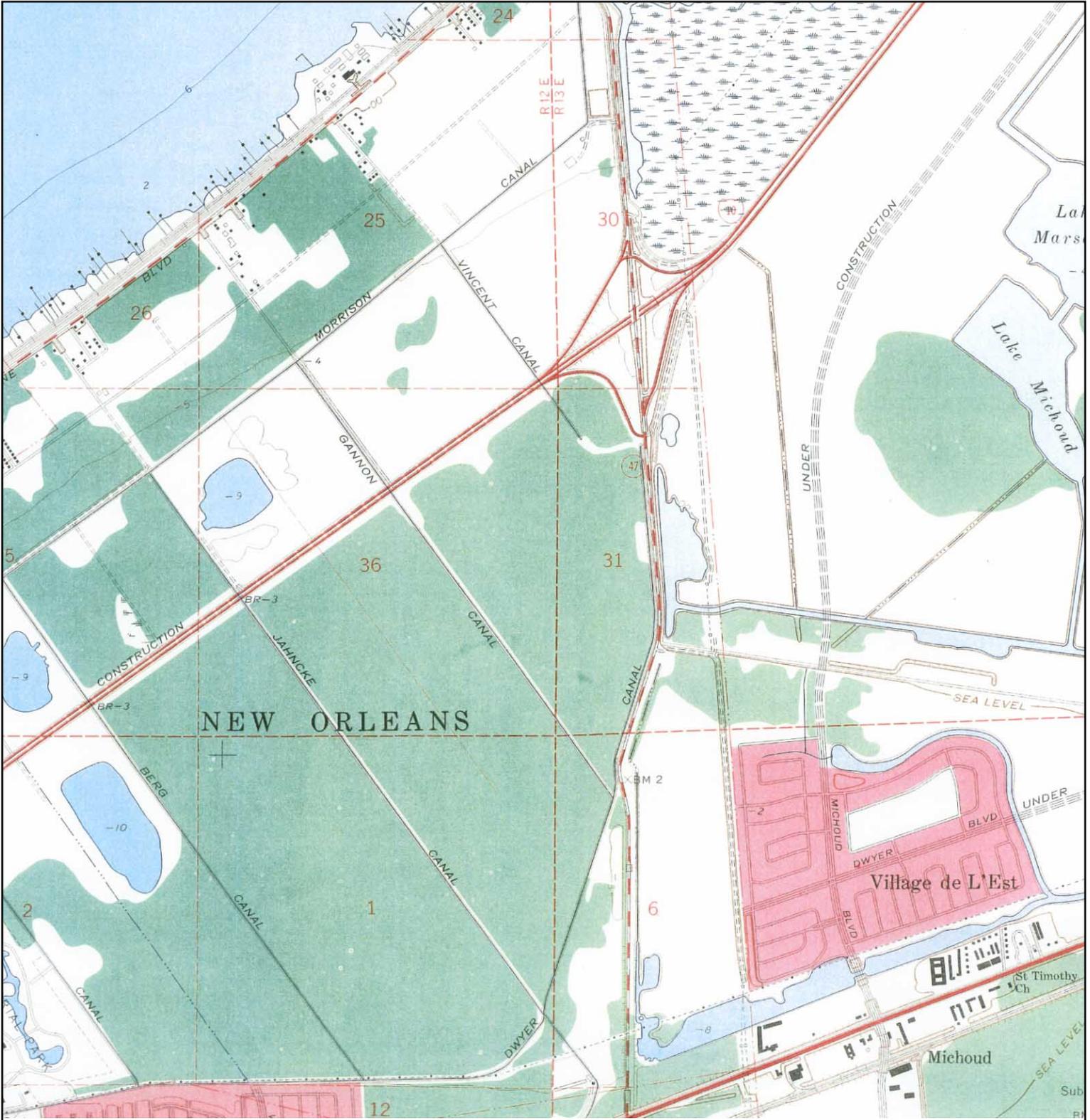
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# Historical Topographic Map



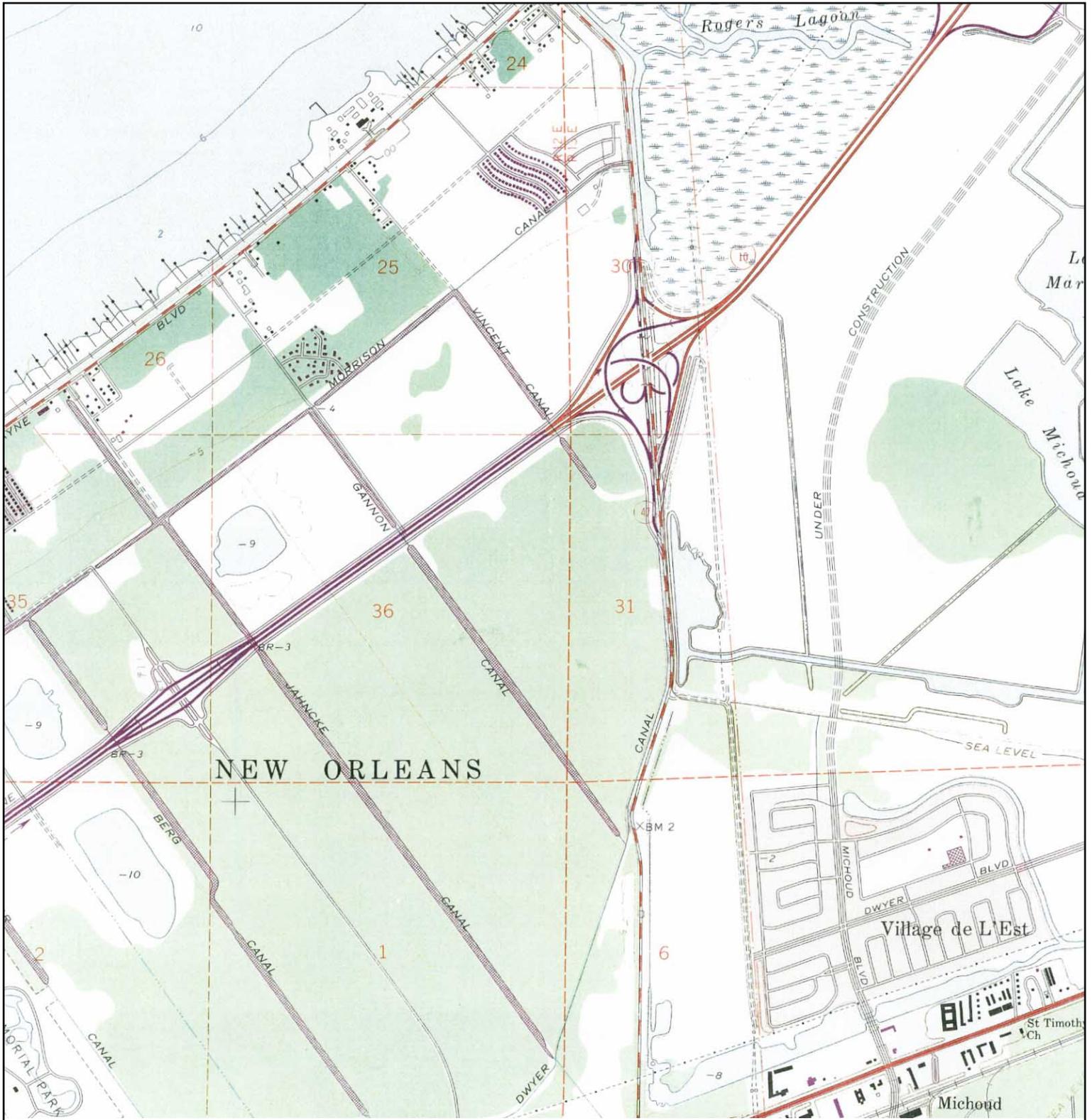
	<b>TARGET QUAD</b> NAME: Little Woods, LA MAP YEAR: 1951	SITE NAME: Eastover Country Club ADDRESS: 5690 Eastover Drive New Orleans, LA 70128 LAT/LONG: 30.0514 / 89.9453	CLIENT: Earth Search, Inc. CONTACT: Cheryl Bommarito INQUIRY#: 1856903.4 RESEARCH DATE: 02/14/2007
	SERIES: 7.5 SCALE: 1:24,000		

# Historical Topographic Map



	<b>TARGET QUAD</b>	<b>SITE NAME:</b> Eastover Country Club	<b>CLIENT:</b> Earth Search, Inc.
	<b>NAME:</b> Little Woods, LA	<b>ADDRESS:</b> 5690 Eastover Drive New Orleans, LA 70128	<b>CONTACT:</b> Cheryl Bommarito
	<b>MAP YEAR:</b> 1967	<b>LAT/LONG:</b> 30.0514 / 89.9453	<b>INQUIRY#:</b> 1856903.4
	<b>SERIES:</b> 7.5		<b>RESEARCH DATE:</b> 02/14/2007
	<b>SCALE:</b> 1:24,000		

# Historical Topographic Map



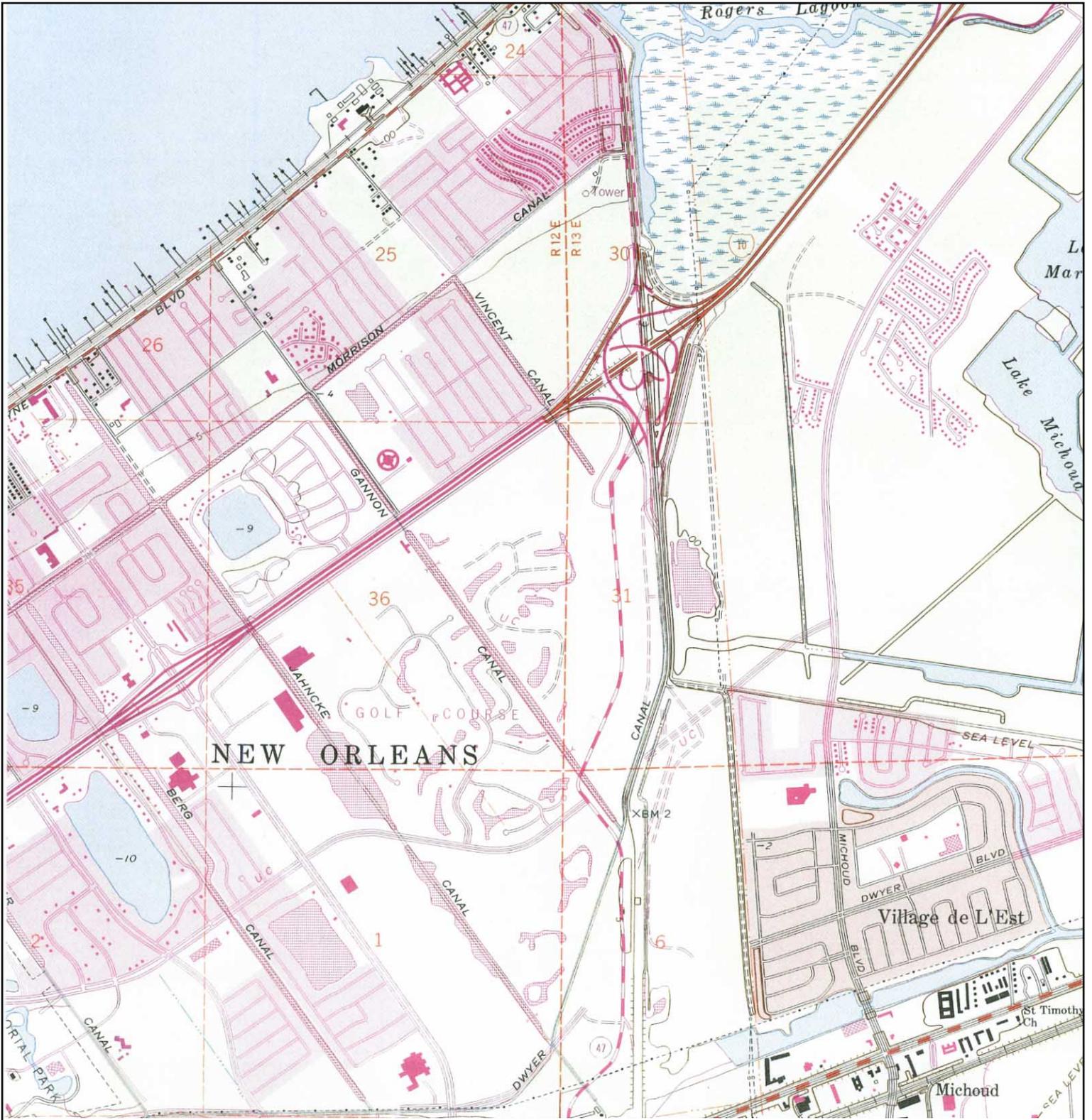
	TARGET QUAD	SITE NAME:	Eastover Country Club	CLIENT:	Earth Search, Inc.
	NAME: Little Woods, LA	ADDRESS:	5690 Eastover Drive	CONTACT:	Cheryl Bommarito
	MAP YEAR: 1972	LAT/LONG:	New Orleans, LA 70128	INQUIRY#:	1856903.4
	PHOTOREVISED FROM: 1967			RESEARCH DATE:	02/14/2007
	SERIES: 7.5				
	SCALE: 1:24,000				

# Historical Topographic Map



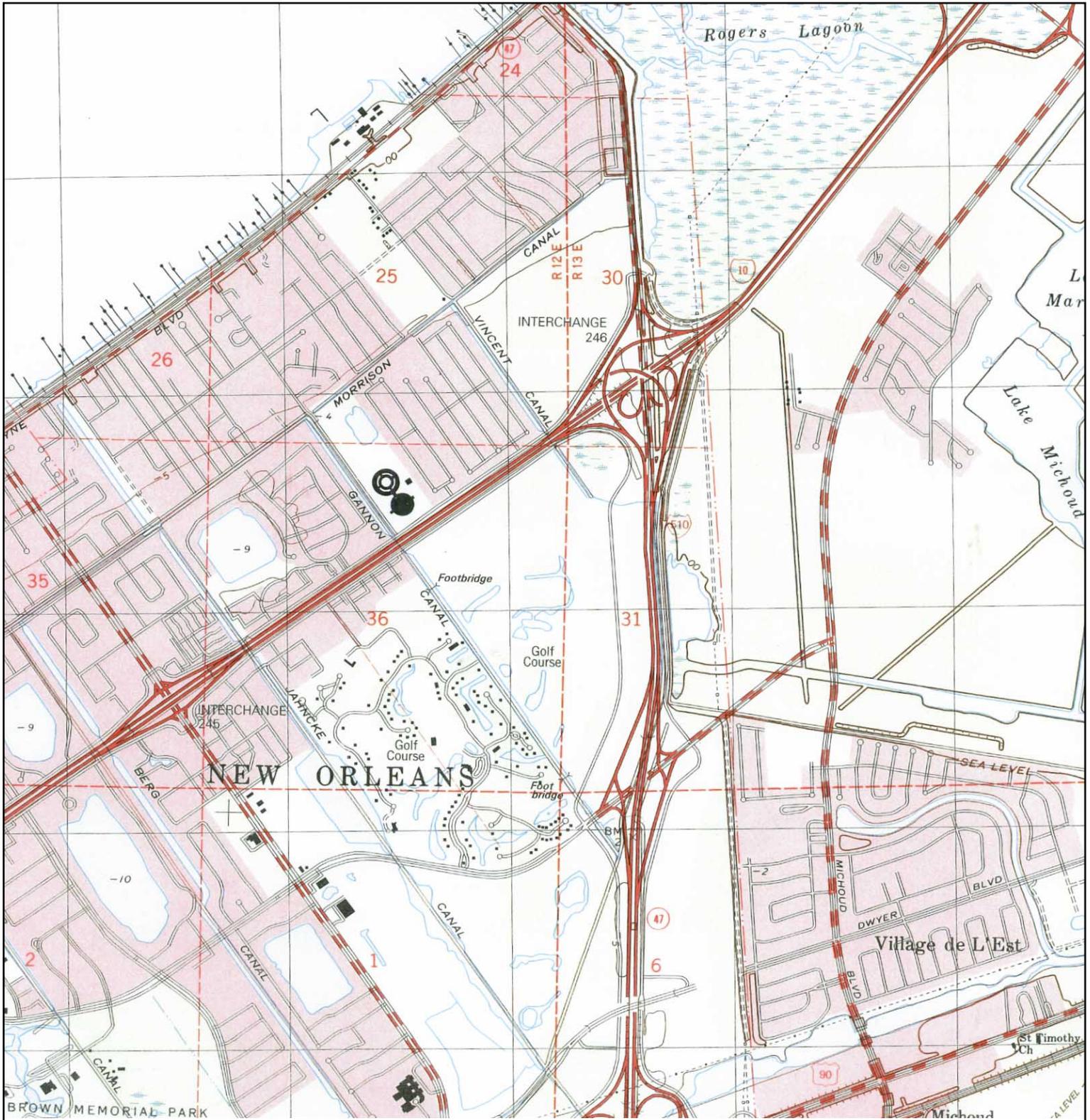
	TARGET QUAD	SITE NAME:	Eastover Country Club	CLIENT:	Earth Search, Inc.
	NAME: Little Woods, LA	ADDRESS:	5690 Eastover Drive	CONTACT:	Cheryl Bommarito
	MAP YEAR: 1979		New Orleans, LA 70128	INQUIRY#:	1856903.4
	PHOTOREVISED FROM: 1967	LAT/LONG:	30.0514 / 89.9453	RESEARCH DATE:	02/14/2007
	SERIES: 7.5				
	SCALE: 1:24,000				

# Historical Topographic Map



<p>N ↑</p>	TARGET QUAD	SITE NAME:	Eastover Country Club	CLIENT:	Earth Search, Inc.
	NAME: Little Woods, LA	ADDRESS:	5690 Eastover Drive	CONTACT:	Cheryl Bommarito
	MAP YEAR: 1994		New Orleans, LA 70128	INQUIRY#:	1856903.4
	REVISED FROM: 1967	LAT/LONG:	30.0514 / 89.9453	RESEARCH DATE:	02/14/2007
	SERIES: 7.5				
	SCALE: 1:24,000				

# Historical Topographic Map



<p>N</p> 	TARGET QUAD	SITE NAME:	Eastover Country Club	CLIENT:	Earth Search, Inc.
	NAME: Little Woods, LA	ADDRESS:	5690 Eastover Drive	CONTACT:	Cheryl Bommarito
	MAP YEAR: 1998	LAT/LONG:	New Orleans, LA 70128	INQUIRY#:	1856903.4
	SERIES: 7.5			RESEARCH DATE:	02/14/2007
	SCALE: 1:24,000				



**EDR**® Environmental  
Data Resources Inc

**The EDR-City Directory**  
*Abstract*

**Eastover Country Club**  
5690 Eastover Drive  
New Orleans, LA 70128

**Inquiry Number: 1856903.6**

**Wednesday, February 14, 2007**

**The Standard in  
Environmental Risk  
Management Information**

440 Wheelers Farms Road  
Milford, Connecticut 06461

**Nationwide Customer Service**

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Fax: 1-800-231-6802  
Internet: [www.edrnet.com](http://www.edrnet.com)

# EDR City Directory Abstract

Environmental Data Resources, Inc.'s (EDR) City Directory Abstract is a screening report designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Abstract includes a search and abstract of available city directory data. For each address, the directory lists the name of the corresponding occupant at five year intervals.

***Thank you for your business.***

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## **SUMMARY**

- ***City Directories:***

Business directories including city, cross reference and telephone directories were reviewed, if available, at approximately five year intervals for the years spanning 1925 through 2003. (These years are not necessarily inclusive.) A summary of the information obtained is provided in the text of this report.

This report compiles information by geocoding the subject properties (that is, plotting the latitude and longitude for such subject properties and obtaining data concerning properties within 1/8th of a mile of the subject properties). There is no warranty or guarantee that geocoding will report or list all properties within the specified radius of the subject properties and any such warranty or guarantee is expressly disclaimed. Accordingly, some properties within the aforementioned radius and the information concerning those properties may not be referenced in this report.

**Date EDR Searched Historical Sources:** February 14, 2007

**Target Property:**

5690 Eastover Drive  
New Orleans, LA 70128

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1925	Address Not Listed in Research Source	Soards Directory Co Ltd Publishers
1929	Address Not Listed in Research Source	Soards Directory Co Ltd Publishers
1933	Address Not Listed in Research Source	Soards Directory Co Ltd Publishers
1938	Address Not Listed in Research Source	R.L. Polk & Co Publishers
1940	Address Not Listed in Research Source	R.L. Polk & Co Publishers
1946	Address Not Listed in Research Source	R.L. Polk & Co Publishers
1949	Address Not Listed in Research Source	R.L. Polk & Co Publishers
1955	Address Not Listed in Research Source	R.L. Polk & Co Publishers
1959	Address Not Listed in Research Source	R.L. Polk & Co Publishers
1961	Address Not Listed in Research Source	R. L. Polk Co.
1966	Address Not Listed in Research Source	R.L. Polk & Co Publishers
1969	Address Not Listed in Research Source	R.L. Polk & Co Publishers
1973	Address Not Listed in Research Source	R.L. Polk & Co Publishers
1975	Address Not Listed in Research Source	R.L. Polk & Co Publishers
1981	Address Not Listed in Research Source	R.L. Polk & Co Publishers
1986	Address Not Listed in Research Source	R. L. Polk & Co.

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	Address Not Listed in Research Source	R.L. Polk & Co Publishers
1994	<b><u>**EASTOVER DR**</u></b> EASTOVER SALES & INFO CENTER REAL ESSLS (5690)	R.L. Polk & Co Publisher
1997	<b><u>**EASTOVER DR**</u></b> GULF STATES SECTION PGA AM PROFESSNL ORGS (5690) LAKE FOREST REAL EST AGTS/MGRA (5690) PATE DONALD E MI A (5690) SEAMASTER BOATS (5690) BOATBIDING REPAIRN (5690)	R.L. Polk & Co Publishers
2003	<b><u>**EASTOVER DR**</u></b> CLUB PRO SHOP EASTOVERCOUNTRY (5690) CLUB REST EASTOVER REALTY INC (5690) EASTOVER (5690) EASTOVER COUNTRY (5690)	Haines Co , Inc

## Adjoining Properties

### SURROUNDING

Multiple Addresses  
New Orleans, LA 70128

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1925	Address Not Listed in Research Source	Soards Directory Co Ltd Publishers
1929	Address Not Listed in Research Source	Soards Directory Co Ltd Publishers
1933	Address Not Listed in Research Source	Soards Directory Co Ltd Publishers
1938	Address Not Listed in Research Source	R.L. Polk & Co Publishers
1940	Address Not Listed in Research Source	R.L. Polk & Co Publishers
1946	Address Not Listed in Research Source	R.L. Polk & Co Publishers
1949	Address Not Listed in Research Source	R.L. Polk & Co Publishers
1955	Address Not Listed in Research Source	R.L. Polk & Co Publishers
1959	Address Not Listed in Research Source	R.L. Polk & Co Publishers
1961	Address Not Listed in Research Source	R. L. Polk Co.

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1966	Address Not Listed in Research Source	R.L. Polk & Co Publishers
1969	Address Not Listed in Research Source	R.L. Polk & Co Publishers
1973	Address Not Listed in Research Source	R.L. Polk & Co Publishers
1975	Address Not Listed in Research Source	R.L. Polk & Co Publishers
1981	Address Not Listed in Research Source	R.L. Polk & Co Publishers
1986	Address Not Listed in Research Source	R. L. Polk & Co.
1990	Address Not Listed in Research Source	R.L. Polk & Co Publishers
1994	<b><u>**CYPRESS POINT CT**</u></b> CRUZ VICTOR (40)	R.L. Polk & Co Publisher
	<b><u>**EASTOVER DR**</u></b> LE CANH THANG (5710) CIACCIO PHILLIP JR (5741) COMEAX ROBT J & BILLIE (5760)	R.L. Polk & Co Publisher
1997	<b><u>**CYPRESS POINT CT**</u></b> CRUZ MELISSA B (40) CRUZ VICTOR T 18+ A (40) HOUSEHOLDS (40)	R.L. Polk & Co Publishers
	<b><u>**LAKE FOREST BLVD**</u></b> LAKE FOREST BLVD (11268) NOT VERIFIED (11268) JONES DELPHINE J 11+ A (11272)	R.L. Polk & Co Publishers
	<b><u>**OAKMONT DR**</u></b> DECAY JARLENE H (210) DECAY KERRY N (210) LEBOYD RHEESA R (220)	R.L. Polk & Co Publishers
	<b><u>**EASTOVER DR**</u></b> DAVIS ELWOOD T & ERNESTINE (5691) BRUMFIELD CHARLES H JR G 0 A (5701) IVEY JEREMIAH M JR MEDICAL CLINIC (5710) IVEY JEREMIAH M 09 A L (5710) ICHINOSE HERBERT B 01+ A (5720) EASTOVER DR (5721) TURNER ROBERT JR 10 A (5721)	R.L. Polk & Co Publishers

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1997	(continued)	
	MADISON GRACE P E 1+ A (5731)	
	BAJAJ AVINASH (5741)	
	KECDIA RAMAKANT M (5741)	
	DEGRANGE DRAKE A 0 A (5750)	
	HOARD DEBORAH W E (5751)	
	NOT VERIFIED (5761)	
	NEVILLE AARON J 0 M A (5771)	
	NEVILLE JOEL R (5771)	
	VO LAN P (5781)	
	VO TUAN M 0 E A (5781)	
2003	<b><u>**CYPRESS POINT CT**</u></b>	Haines Co , Inc
	SINGER DALE (7)	
	PILSONBARRY (21)	
	ELLIOT JOHN JR (31)	
	ELLOTT ANDREA (31)	
	CRUZ JONATHAN V (40)	
	CRUZ VICTOR (40)	
	CRUZ VICTOR (40)	
	CRUZ VICTOR (40)	
	<b><u>**LAKE FOREST BLVD**</u></b>	Haines Co , Inc
	RICHARD DEBB IE A (11268)	
	JONES DELPHINE (11272)	
	ALEXANDER ELHEL (11276)	
	<b><u>**OAKMONT DR**</u></b>	Haines Co , Inc
	MORRIS SLEVEN (111)	
	MORRISOPHIA (111)	
	OVERTON LINDA (131)	
	SMENAWILFREDO (220)	
	<b><u>**FASTOVER DR**</u></b>	Haines Co , Inc
	\$DAVISEIWOOD T (5691)	
	BRUMFIELD CHARLES J (5701)	
	BURLISON ROBER (5720)	
	SICHINOSE HERBER (5720)	
	TURNER ROBERT JR (5721)	
	MADISON GP (5731)	
	SMADISON RJ (5731)	
	LANG LUCINDA (5750)	
	ODEGRANGE DRAKE DR (5750)	
	MARTIN ELSE (5751)	
	MARTIN STEVEN (5751)	
	CHRISTOPHER JASON (5771)	
	OVOTUAN (5781)	

## **APPENDIX F**

### **Site Reconnaissance Checklist & Environmental Questionnaire**

**VII. EQUIPMENT USED ON SITE**

Type of Equipment (processing/maintenance): Lawn Care

Location: Maintenance Bldg.

Chemicals used by process equipment: \_\_\_\_\_

Chemicals used by maintenance equipment: Pest / Herb / Insect & Fertilizers

Condition of equipment (cleanliness/upkeep): Good

Material Safety Data Sheets available (for reference): Yes

**VIII. SOLID AND HAZARDOUS WASTE**

Type(s) of Storage Containers: Parts washer

Location: Main Bldg Contents: \_\_\_\_\_

Condition of containers: Good

Disposal Method/Contractor/Freq.: Safety Klean

Site use of Herbicides/Pesticides: Yes

**IX. ADJACENT LAND USE(S)**

Adjacent use - North: Toyota Dealer  
I-10

Adjacent use - South: Gann Canal - Eastover Country Club

Adjacent use - East: Eastover Country Club

Adjacent use - West: I-10 / 5-10 Eastover Country Club

**Hydrogeological Review**

Soil Type (clay, sand, loam): Horsham clay

Soil drainage: poor

Groundwater depth/flow direction: 3ft

Depth to bedrock: NA

**IV. STORAGE TANKS**

**USTs**

No. of tanks: NONE Evidence for tanks: \_\_\_\_\_

Tank size/construction: \_\_\_\_\_

Date of Installation: \_\_\_\_\_ Contents: \_\_\_\_\_

Location(s): \_\_\_\_\_

**ASTs**

No. of tanks: 3 Evidence for tanks: \_\_\_\_\_

Tank size/construction: 2nd containment system

Date of Installation: \_\_\_\_\_ Contents: \_\_\_\_\_

Location(s): Main entrance Bldg -

**V. PCBs**

Type/Number of Equipment: NONE

Equipment ID No.: \_\_\_\_\_

Equipment Owner: \_\_\_\_\_

Location: \_\_\_\_\_

Labeled: \_\_\_\_\_

Condition of units: \_\_\_\_\_

Condition of surroundings: \_\_\_\_\_

**VI. ACMs**

ACM Identification: NONE

Location: \_\_\_\_\_

Condition: \_\_\_\_\_

Quantity: \_\_\_\_\_

**Vegetation**

Ground cover (trees, grass, crops, bare): Grass - Golf Course

Discoloration (description/location/probable cause): None

Bare Spots (location/probable cause): None

Stunted Vegetation Growth (description/location): None

Increased Vegetation Growth (description/location): None

**Hydrogeology**

Bodies of water on site (ponds, streams, ditches): Man made Pond - Canals

Source of water (water enters site where?): \_\_\_\_\_

Discharge Points (water exits site where?): Canals - Storm Sewers

Site receives surface run-off from which direction(s): all directions

Surface run-off exits site (where?): all directions

Drainage (good, fair, poor?): Fair

Wetlands (detailed study required?): None

Floodplain: 100 yr

**Land Use**

Present (agriculture, residential, commercial, industrial) Residential, Golf Course, Non-Res.

Number of site buildings: NUMEROUS Percentage of site developed: 80%

Age of Buildings: 1985- 265 Homes, Clubhouse, Maintenance

Type of Construction/Building Materials: BRICK  
WOOD FRAMED

Condition and cleanliness of buildings and surrounding area (debris, drums, equipment clutter)  
Clean - No debris

**Past Land Use**

Livestock, pasture, undeveloped

**Odors**

Description (gasoline, paint, chemical): None

Location: \_\_\_\_\_

**Spills**

Description (size, composition): None

Location: \_\_\_\_\_

**Staining**

Description (color, size, composition): small stain in Maint Bldg  
on cement floor

Location: \_\_\_\_\_

PHASE I SITE INSPECTION CHECKLIST

DATE: 2-16-07  
Project No. 2007-04  
Inspector: C. Summarito

I. PHYSICAL SITE DESCRIPTION

Facility/Project Name: Eastover Golf / Country Club  
Address: 5690 Eastover Dr.  
City, State, Zip: New Orleans, LA 70128  
County: Orleans Property Tax ID: P-2  
Site Contact: Donny Pate Phone Number:

Property Boundaries (street names, developments, woods, lakes, etc.)

325 ACRES - FOCUS AREA IS 66 ACRES of  
former GOLF COURSE

II. UTILITIES

Electrical Supplier: Entergy Natural Gas Supplier: New Orleans  
Potable Water Supply: New Orleans Sanitary System (Type): New Orleans  
On Site Treatment System (lagoons/ponds): No - Manmade Pond for GOLF  
COURSE - 2 septic tanks for COURSES

III. GENERAL PHYSICAL CONDITIONS

Size of Site (acres/ft2): 325 / 66 ACRES (FOCUS AREA)  
Shape of Site: Rectangular / irregular

Topography

Relief (flat, gently rolling, sloping, hilly) Flat - man made hills  
for GOLF COURSE

Depressions (description/location): NONE - Man-made Ponds

Fill (evident through changed topography, immature vegetation, mining activities description/location):

NONE - Fill for golf course hills

**POLYCHLORINATED BIPHENYLS ("PCBs") AND ASBESTOS**

31. Are any electrical transformers or capacitors located on the Subject Property? No (X). If yes, who owns the electrical equipment?

Provide any records the Subject Property has concerning any on-site PCBs or PCB equipment, whether used or stored, and whether produced as a byproduct of the manufacturing process or otherwise (PCBs associated with transformers or capacitors, circuit breakers, voltage regulators, switches, or cables).

32. Have there been any PCB spills, discharges, or other accidents? None to my knowledge (X). If yes, relate all the circumstances.

33. Does the Subject Property have any asbestos-containing materials, including materials used to construct the building? None to my knowledge ( ). Have any samples of building materials been collected? If yes, what were the results? List:

**CERTIFICATION**

As the present owner of the Subject Property, or as the an officer or a general partner of the present owner of the Subject Property (or the duly authorized representative of such owner), I represent that I am familiar with all of the operations presently conducted on the Subject Property, have made appropriate inquiry into the former uses of the Subject Property, and hereby certify to and for the benefit of **Superior Environmental Corp.** that, to the best of my knowledge, the information disclosed above is true and correct.

Submitted by: \_\_\_\_\_

Date: 2-16-07

Firm: \_\_\_\_\_

By: \_\_\_\_\_

Its: \_\_\_\_\_

Signature: \_\_\_\_\_

*Filled out my @ Bommarito based on  
Interview with Eastover Country Club*

## AIR POLLUTION

26. Are there any air emission sources that emit contaminants from the Subject Property? None to my knowledge (  ). If yes, describe each such source, including whether it is a stationary combustion installation, process source, exhaust or ventilation system, incinerator, or other source.
27. Are any of the air emission sources permitted? No (  ). If yes, attach each such permit.

## SPILLS AND UNDERGROUND STORAGE TANKS

28. List and describe all (past or present) above and below ground storage tanks used to store **petroleum or gasoline products**, including the contents and capacity of each tank. None to my knowledge (  ). State whether any notification has been filed with the local, state, or federal government concerning existence of those tanks. None to my knowledge (  ).  
*3- ABOVE ground AST's w Concrete Dike Containment System*
29. List all underground storage tanks (past or present) on-site used to store **chemicals or wastes**, including the contents and capacity of each tank. None to my knowledge (  ). State whether any notification has been filed with the local, state, or federal government concerning existence of those tanks. None to my knowledge (  ).
30. Have there been any leaks, spills, releases, or other discharges (including loss of inventory) associated with any of these tanks? No (  ). If yes, give full details, including the response taken, all analytical results or reports developed through investigation (whether internal or external), and the agencies which may have become involved.

19. Does the Subject Property accumulate and store any hazardous wastes on-site for disposal for longer than 90 days? No (  ) If yes, identify the substance and the quantity, and describe how it is stored:

20. Identify all hazardous wastes generated at the Subject Property, and as to each, state its hazardous characteristics (toxicity, reactivity, corrosivity, ignitability) and whether it is a listed hazardous waste.

**SURFACE WATER/WATER QUALITY/DISCHARGE TO MUNICIPAL SEWAGE TREATMENT PLANT:**

21. Identify and attach all permits at the Subject Property relating to all Subject Property discharges to water, including discharges of waste water, process water, contact or non-contact cooling water, storm water, as well as water from cafeterias and restrooms.

*None*

22. Has the Subject Property tested the groundwater at or around its Subject Property? No (  ) If yes, attach all analytical results.

23. If any questionnaires have been completed and submitted to any federal, state, or local agencies relating to water, including industrial pretreatment questionnaires, please attach them.

None to my knowledge (  ).

24. Is any waste deposited in or near surface or groundwaters? No (  ). If yes, describe in detail, including not only the receiving water's classification, but a description of the type and quantity of the wastes.

25. Attach copies of the Subject Property's Discharge Monitoring Reports for the last two years. If the Subject Property is required by regulation to complete such reports. None to my knowledge (  ).

**SOLID AND HAZARDOUS WASTES**

11. Does the Subject Property generate any solid or hazardous wastes? No (  ) If yes, provide the Subject Property's EPA (or State) identification number.

*Small Quantity Generator - Safety Kleen handles part washer & H12 manifests*

12. Does the Subject Property have any RCRA Hazardous Waste Permits? No (  ) If yes, please attach to this questionnaire. What is the Subject Property SIC code No.?

( \_\_\_\_\_ )

- a) Generator
- b) Transporter
- c) Treatment, Storage, Disposal Facility

13. Have any of the Subject Property's solid or hazardous wastes been analyzed? No (  ) If yes, attach the results of any analyses done on those wastes.

14. Identify the transporter of any hazardous wastes and attach a copy of the transporter's permits and invoices from the last two years for the transport of wastes.

*Safety Kleen*

15. Identify the solid or hazardous waste disposal or treatment facilities which receive the Subject Property's wastes and, attach a copy of the applicable permits and invoices from the last two years.

*Safety Kleen*

16. Does the Subject Property treat or dispose of any wastes on-site (incineration, reclamation, neutralization, or recovery)? No (  ) If yes, describe in full and, attach any applicable permits.

17. Attach copies of the hazardous waste manifests for the last two years of all annual/biannual reports on hazardous wastes.

18. Does the Subject Property transfer, incinerate, process, or store any non-hazardous solid waste or hazardous wastes, other than refuse-derived fuel or waste oil, which is generated off-site? No (  ) If yes, describe:

4. Ownership:

4.a Current ownership: Eastover Country Club, LLC  
How long: 1985 - 2015

4.b Previous ownership(s): Lake Forest, Inc.  
How long: 40 yrs

4.c Describe the Subject Property (including the age and date of construction of the building(s) and each of its operations or processes:  
Phase I began in 1985 - 2nd course began 1998 - completed in 2000

5. Describe all known former uses of the Subject Property, whether carried out under the current ownership, or any prior ownership: Pasture - Livestock prior to 1985 - 1985 Eastover Country Club 265 houses - 2 18 hole golf courses

6. Does any person, firm, or corporation other than the owner occupy the site or any part of it? No ( ) If yes, identify them and describe their use of the property.

7. Have there been any spills, releases, or unpermitted discharges at or near the Subject Property (including neighboring properties)? No (X) If yes, describe and attach any incident reports and the results of any investigations:

8. Has the Subject Property ever been the subject of any enforcement actions by any federal, state, or local government entities, or does the Subject Property have knowledge of any contemplated enforcement actions? No (X) If yes, state the results of the enforcement actions (consent order, penalties, no action, etc.) and describe the circumstances:

9. Is the Subject Property now under any state, federal, or local agency orders or consent decrees? No (X) If yes, attach them to this response.

10. Have there been any formal or informal citizen complaints regarding the Subject Property? No ( ) If yes, did they result in the filing of a notice of citizen suit, or a civil complaint, or other administrative or criminal procedure? If yes, describe in full detail:

CDEQ Correspondent - Sampling of fill material on Golf Range -

## ENVIRONMENTAL QUESTIONNAIRE

**INSTRUCTIONS:** Please complete the following questionnaire as completely as possible. If you have any questions about how to answer the question, answer to the best of your ability, and indicate your question. If additional pages are necessary to fully respond to the questions, please attach them to this questionnaire. Also, please attach copies of any requested documents. If copies cannot be made, please indicate that, and have the originals available for review during our visit to the Subject Property.

### GENERAL BACKGROUND INFORMATION

1. Address of Subject Property:

*Eastover Country Club LLC  
5690 Eastover Dr.  
New Orleans, LA 70128*

Telephone:  
County:

2. Name and position of person responding to this Questionnaire:

*MR. Donny PATE  
Developer*

3. Describe the general character of the Subject Property and the surrounding area (including terrain, location of wetlands, filling activity, coastlines, rivers, streams, lakes, springs, drinking water wells, roads, water intake and discharge structures, landmarks, flood plains, etc.):

3.a Describe the water utility services provided to the Subject Property:

	<u>Municipal</u>	<u>On-site Well</u>	<u>Bottled</u>
Drinking	<u>  X  </u>	<u>          </u>	<u>          </u>
Washing	<u>  X  </u>	<u>          </u>	<u>          </u>
Fire Protection	<u>  X  </u>	<u>          </u>	<u>          </u>
Other (describe)	<u>          </u>	<u>          </u>	<u>          </u>

3.b Describe the waste water receptors on the property:

	<u>Sanitary Drains</u>	<u>Roof Runoff</u>	<u>Parking Lots</u>	<u>Other</u>
Sanitary Sewer	<u>  X  </u>	<u>          </u>	<u>          </u>	<u>          </u>
Storm Sewer	<u>  X  </u>	<u>          </u>	<u>  X  </u>	<u>          </u>
Septic System	<u>          </u>	<u>          </u>	<u>          </u>	<u>  2  </u>
Ground	<u>          </u>	<u>  X  </u>	<u>          </u>	<u>          </u>
Surface Water	<u>          </u>	<u>          </u>	<u>          </u>	<u>          </u>
Other (describe)	<u>          </u>	<u>          </u>	<u>          </u>	<u>          </u>

**Phase I Environmental Site Assessment  
Site Reconnaissance Checklist**

Subject Property Eastover Country Club  
 Address1 5690 Eastover Dr.  
 Address2 New Orleans, LA  
 ESI Project No. 2007-4

Inspection Date: 2-16-07

YES	NO	
<input checked="" type="checkbox"/>		Identified property boundaries?
<input checked="" type="checkbox"/>		Structures present?
	<input checked="" type="checkbox"/>	Evidence of prior structures?
	<input checked="" type="checkbox"/>	Easements present?
<input checked="" type="checkbox"/>		Aboveground storage tanks present?
	<input checked="" type="checkbox"/>	Evidence of USTs present?
<input checked="" type="checkbox"/>		Sanitation system identified?
<input checked="" type="checkbox"/>		Location of septic field, if present?
	<input checked="" type="checkbox"/>	On-site treatment facility present?
<input checked="" type="checkbox"/>		Potable water source identified?
	<input checked="" type="checkbox"/>	Location of water well, if present?
<input checked="" type="checkbox"/>		Heating Source Identified?
	<input checked="" type="checkbox"/>	Transformers present?
	<input checked="" type="checkbox"/>	Suspect PCB containing equipment present?
<input checked="" type="checkbox"/>		Waterways, canals, ditches, creeks present?
<input checked="" type="checkbox"/>		Storm sewer, catch basins, dry well present?
	<input checked="" type="checkbox"/>	Open drains, outfalls present?
<input checked="" type="checkbox"/>		RCRA waste storage area (drums and dumpsters, etc.) present?
	<input checked="" type="checkbox"/>	Waste ponds, pits, or lagoons present?
	<input checked="" type="checkbox"/>	Evidence of strained vegetation?
<input checked="" type="checkbox"/>		Surface staining present?
	<input checked="" type="checkbox"/>	Leachate, seepage present?
	<input checked="" type="checkbox"/>	Hydraulic lifts/hoists present?
	<input checked="" type="checkbox"/>	Sumps, oil/water separators present?
<input checked="" type="checkbox"/>		Evidence of fill material, man-made land?
	<input checked="" type="checkbox"/>	Landfill, disposal areas present?
	<input checked="" type="checkbox"/>	Debris or refuse Present?
	<input checked="" type="checkbox"/>	Hazardous materials storage area present?
	<input checked="" type="checkbox"/>	Floor drains, trench drains present?
	<input checked="" type="checkbox"/>	Evidence of spills or corrosion?
	<input checked="" type="checkbox"/>	Monitoring wells present?
	<input checked="" type="checkbox"/>	Battery storage area present?
<input checked="" type="checkbox"/>		Equipment repair area present?
<input checked="" type="checkbox"/>		Chemical/solvent storage area present?
	<input checked="" type="checkbox"/>	Railroad spur present?
<input checked="" type="checkbox"/>		Dikes, retention barrier present?
	<input checked="" type="checkbox"/>	Suspect ACBM present?
	<input checked="" type="checkbox"/>	Incinerators present?
	<input checked="" type="checkbox"/>	Snow and/or ice cover?
	<input checked="" type="checkbox"/>	Any areas that were inaccessible?
<input checked="" type="checkbox"/>		Interviews conducted with Owner/Manager/Occupants?

**Past Historical use of adjacent properties:**

USTs Ford Dealer - Boat Facility

Transformers NONE

Other historical uses NONE

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## **APPENDIX G**

### **Government Correspondents**



**State of Louisiana**  
**Department of Environmental Quality**

M. J. "MIKE" FOSTER, JR.  
GOVERNOR

L. HALL BOHLINGER  
SECRETARY

**Southeast Regional Office**  
**Complaint Investigation Report**

Inspection Date: 4/10/2003 Incident No.: 60107

AI No.: 25464 Alt. ID/Permit No.: LA0000886374

Company Name: Eastover Country Club

Physical Location: 5690 Eastover Dr

New Orleans LA Parish: Orleans  
 (City) (State)

Mailing Address: 5690 Eastover Dr New Orleans La 70128  
 (Address) (City) (State) (Zip)

Facility Representative/Title: Jimmy Headrick

Facility Representative Telephone No.: 504 245-7347

LDEQ Lead Inspector: Jeffrey Leonick

Other Inspectors: \_\_\_\_\_  
 \_\_\_\_\_

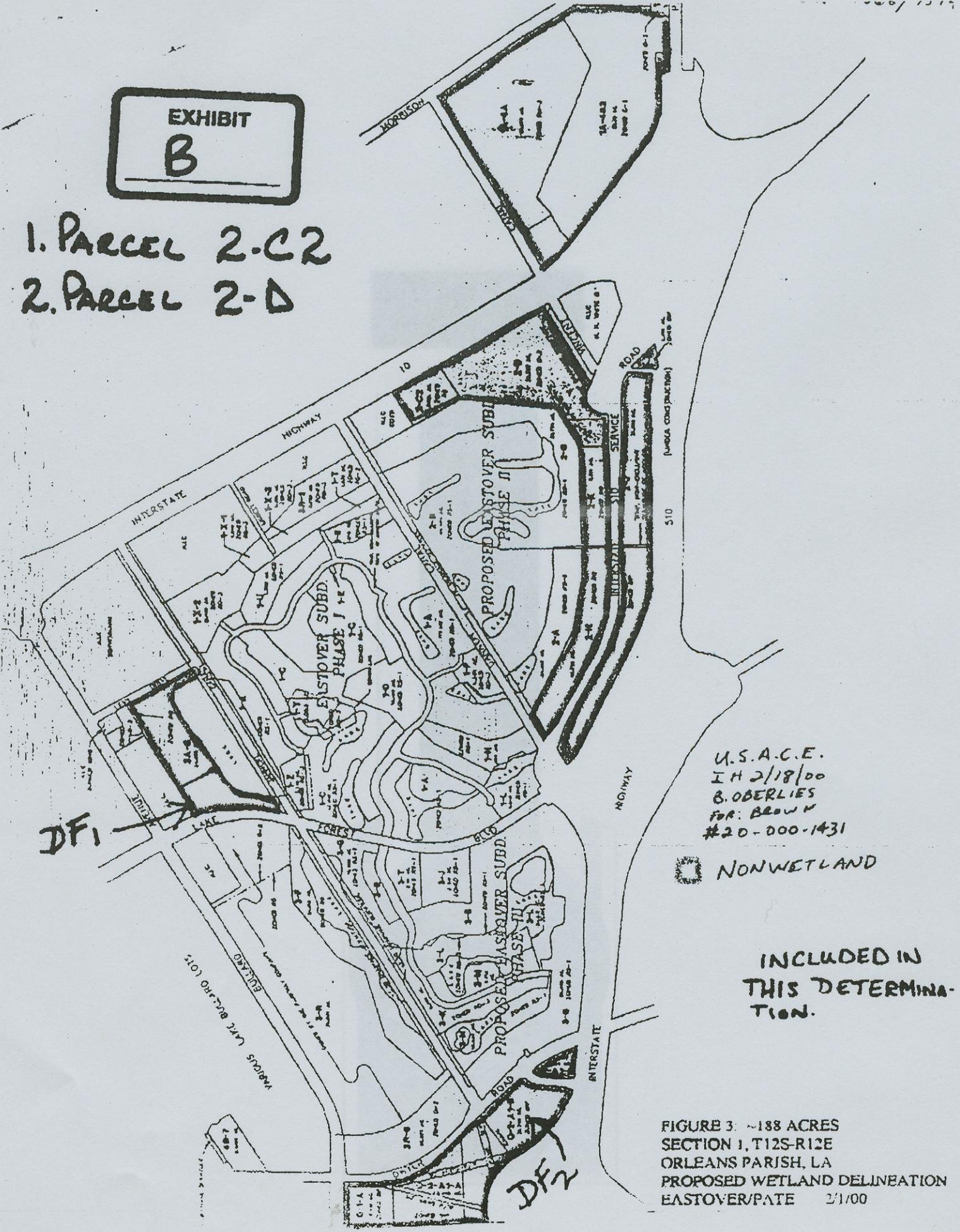
Report By: *Jeffrey Leonick* 9/22/03  
 Jeffrey Leonick, Environmental Scientist III (Date)

Reviewed By: *Don Brandin* 9/22/03  
 Don Brandin, Environmental Scientist Supervisor (Date)



**EXHIBIT  
B**

- 1. PARCEL 2-C2
- 2. PARCEL 2-D



U.S.A.C.E.  
I.H. 2/18/00  
B. OBERLIES  
FOR: BROWN  
#20-000-1431

○ NONWETLAND

INCLUDED IN  
THIS DETERMINATION.

FIGURE 3: ~188 ACRES  
SECTION 1, T12S-R12E  
ORLEANS PARISH, LA  
PROPOSED WETLAND DELINEATION  
EASTOVERPATE 2/1/00



DEPARTMENT OF THE ARMY

NEW ORLEANS DISTRICT, CORPS OF ENGINEERS

P.O. BOX 60267

NEW ORLEANS, LOUISIANA 70160-0267

March 13, 2000

REPLY TO  
ATTENTION OF:

Operations Division  
Surveillance and Enforcement Section

Mr. Thomas K. Brown  
Biological Surveys, Inc.  
Post Office Box 94  
Mandeville, Louisiana 70470

Dear Mr. Brown:

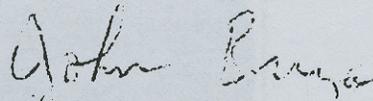
Reference is made to your request for a U.S. Army Corps of Engineers' (Corps) jurisdictional determination on property located in Section 1, Township 12 South, Range 12 East, Orleans Parish, Louisiana (enclosed map). Specifically, this property is identified as 188-acres near Eastover.

Based on review of recent maps, aerial photography, soils data and information provided with your request, we have determined that this property is not in a wetland subject to Corps' jurisdiction. A Department of the Army permit under Section 404 of the Clean Water Act will not be required for the deposition or redistribution of dredged or fill material on this site.

You are advised that this determination is valid for a period of 5 years from the date of this letter unless new information warrants revision prior to the expiration date.

Should you have any questions concerning this determination, please contact Mr. Brian Oberlies at (504) 862-2275 and reference our Account No. 20-000-1431.

Sincerely,

  
Ronald J. Ventola  
Chief, Regulatory Branch

Enclosure

## INTRODUCTION

LADEQ received a complaint (c03-1011, T-60107) on April 3, 2003 from Mr. Auguster Cage, stating there is an odor coming from the fill material placed on the driving range at Eastover Country Club.

## FACILITY DESCRIPTION

Eastover Country Club is a country club in New Orleans East, La. The facility consisted of a golf course, clubhouse and a driving range.

## AREAS EVALUATED

I spoke with the complaintant, Mr. Auguster Cage on April 7, 2003 to investigate his concerns about the fill material. He said he thinks the fill material is toxic due to the odor and contents of the fill. He said the odors are more prevalent after a rain.

I investigated Eastover Country Club on April 10, 2003. The fill in question was spread on the driving range. I walked the driving range and visually inspected and smelled the area. The fill did have a musky organic odor. The contents of the fill consisted of mud, shells, rocks and pieces of red brick. There was no evidence of oil/chemical contamination or petroleum based odors.

I spoke with a representative from Eastover and he said the fill was brought in by Boh Bros. The representative for Boh Bros. (Jason Guy), said the fill came from a street construction project on the Melpomene St. extension between Annunciation St. and Tchoupitoulas St. in New Orleans, La. The excavated material came from a eighteen inch scraping of a grass covered median with no obvious evidence of any contamination present.

After leaving Eastover, Mr. Leonick returned to the regional office and did a file review to determine if any releases or events had been documented in or near this area that may have contributed to any possible contamination of the suspect fill material removed from this site. There was a pair of underground storage tanks that were removed from the area on April 23, 2002. This UST closure was monitored by the LADEQ and all contaminated soils from this site was sent to Jefferson Parish Landfill for disposal on May 1, 2002. The fill that went to Eastover was excavated from March 24, 2003 to April 11, 2003. There is no evidence to suspect the excavated material sent to Eastover was contaminated.

On August 4, 2003, soil samples were taken from the fill material on the driving range at Eastover Country Club. TPH-G, TPH-D, TPH-O and PAH parameters were analyzed on the soil samples. Samples results were below the Soil RECAP screening standards.

## SUMMARY OF OBSERVATIONS

- Investigation into this complaint revealed soil on the driving range was not contaminated, as a result of visual observations and sample results.