



**PHASE I
ENVIRONMENTAL SITE ASSESSMENT
FOREST COVE WATER WELL
WBS NO. S-000100-0016-4
HARRIS COUNTY, HOUSTON, TEXAS**

**PREPARED FOR:
AEI ENGINEERING
616 FM 1960 WEST, SUITE 205
HOUSTON, TEXAS 77090**

**PREPARED BY:
HVJ ASSOCIATES, INC.
HOUSTON, TEXAS
JULY 18, 2014**

**REPORT NO. HE1216880
KEY MAP 336 E**



Houston | 6120 S. Dairy Ashford Rd.
Austin | Houston, TX 77072-1010
Dallas | 281.933.7388 Ph
San Antonio | 281.933.7293 Fax
www.hvj.com

July 18, 2014

Mr. J.T. (Tom) Matkin, PE
Vice President
AEI Engineering
616 FM 1960 West, Suite 250
Houston, TX 77090

Re: Phase I Environmental Site Assessments
Forest Cove Water Well
WBS No. S-000100-0016-4
Owner: City of Houston
HVJ Report No. HE1216880

Dear Mr. Matkin:

Presented herein is our Phase I Environmental Site Assessment (ESA) revised final report for the above captioned project. The study was performed in general accordance with ASTM E 1527-13 Standard Practice as modified by the City of Houston, Department of Public Works & Engineering Infrastructure Design Manual Chapter 11 "Geotechnical and Environmental Requirements" and our proposal number HE1216860 dated October 23, 2012 (Revised April 17, 2014).

This report presents HVJ Associates' understanding of the project's scope, the methodology we employed in executing the work, and the conclusions we reached subject to the limitations discussed in Section 10 of this report.

It has been a pleasure to work with you on this project, and we appreciate the opportunity to be of service. Please read the entire report and notify us if there are questions or comments or if we may be of further assistance.

Sincerely,

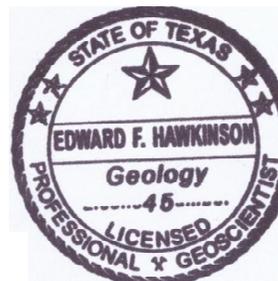
HVJ ASSOCIATES, INC.

Texas Firm Registration No. F-000646

A handwritten signature in black ink, appearing to read 'Edward F. Hawkinson', is written over a light gray rectangular background.

Edward Hawkinson, PG, MS, MBA
Project Manager

MM/EH/NL



Copies submitted: 4 final, 1 electronic

The following lists the pages which complete this report:

- Main Text – 17 pages
- Plates – 7 pages
- Appendix A – 109 pages
- Appendix B – 8 pages
- Appendix C – 32 pages
- Appendix D – 6 pages

TABLE OF CONTENTS

	Page
EXECUTIVE SUMMARY	i
1.0 INTRODUCTION	1
1.1 Project Objective and Purpose	1
1.2 Project Scope	1
1.3 Authorization.....	1
1.4 Significant Assumptions and Exceptions.....	2
1.5 Qualifications of Environmental Professionals.....	2
2.0 SITE DESCRIPTION.....	2
2.1 Location and Project Description.....	2
2.2 Current Use of and Improvements on the Subject Project Area.....	2
2.3 Current Uses of Properties Adjoining the Subject Project Area.....	2
3.0 USER PROVIDED INFORMATION	3
4.0 RECORDS REVIEW.....	3
4.1 Environmental Records Sources	3
4.2 State and Federal Records Summary	4
4.3 TCEQ File Review.....	6
4.4 Local Hazmat Incidents	6
4.5 FEMA Floodplain and Wetlands Map Review	7
4.6 Physical Setting	7
4.7 Oil/Gas Well, Pipeline and Water Well Review.....	8
4.8 Historical Review	8
5.0 SITE RECONNAISSANCE AND INTERVIEWS.....	9
6.0 FINDINGS	10
7.0 OPINION.....	10
8.0 DATA GAPS.....	10
9.0 CONCLUSIONS AND RECOMMENDATIONS.....	10
10.0 DEVIATIONS AND LIMITATIONS	10
11.0 ADDITIONAL SERVICES.....	11
12.0 REFERENCES	11
13.0 SIGNATURE OF ENVIRONMENTAL PROFESSIONAL	12
14.0 QUALIFICATIONS OF ENVIRONMENTAL PROFESSIONAL.....	12

PLATES

SITE VICINITY MAP..... 1
LAND USE MAP 2A
SUBJECT PROJECT AREA MAP 2B
ENVIRONMENTAL SITES MAP..... 3A
ENVIRONMENTAL SITES MAP (ORTHO)..... 3B
SITE TOPOGRAPHIC MAP 4

APPENDICES

REGULATORY AGENCY INFORMATION..... A
SITE PHOTOGRAPHS.....B
HISTORICAL DOCUMENTS..... C
RESUME OF ENVIRONMENTAL PROFESSIONALD

EXECUTIVE SUMMARY

HVJ Associates, Inc. (HVJ Associates) was contracted by AEI Engineering to perform a Phase I Environmental Site Assessment (ESA). The project involves site evaluation, site selection and design of new water well for the City of Houston in the Forest Cove area. HVJ Associates conducted this ESA of the Subject Project Area in accordance with the guidelines contained in the American Society for Testing and Materials Designation E 1527-13, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process (ASTM E 1527-13) as modified by City of Houston, Department of Public Works & Engineering Infrastructure Design Manual Chapter 11 “Geotechnical and Environmental Requirements.” The purpose of this Phase I ESA was to identify recognized environmental conditions in connection with the Subject Project Area. As defined in ASTM E 1527-13, “The term recognized environmental conditions 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.”

This Phase I ESA report includes the following:

- A database search of environmental records for the Subject Project Area and surrounding area.
- A review of various historical records to assess past uses of Subject Project Area and adjoining properties.
- An on-site reconnaissance of Subject Project Area during which Subject Project Area was visually inspected for the presence and management of hazardous substances and petroleum products and any signs of environmental releases or impacts.
- Interviews to obtain information relevant to Subject Project Area and adjoining properties.
- Identification of the current uses and status of properties adjoining the Subject Project Area in order to evaluate their potential as sources of contamination.

The project is located in a remote residential Area in northwest of Houston. Available information for this project is summarized below:

1. A review of historical aerial photographs, topographic maps and other data show that the Subject Project Area has never been developed.
2. According to the ASTM Standard E 1527-13; regulatory data indicate no locatable mapped environmental database entries were found within the Subject Project Area.
3. After a site reconnaissance and our review of historical data, maps and the Texas Commission on Environmental Quality (TCEQ) online records, we found no sites on or adjoining the Subject Project Area with recognized environmental conditions (RECs) that could pose a concern to project construction along the Subject Project Area.

This assessment has revealed no evidence of recognized environmental conditions in connection with the Subject Project Area and we recommend no further investigation of the Subject Project Area. No wetland development was found on or adjacent to the Subject Project Area.

Please note that this executive summary does not fully relate our findings and opinions. Those findings and opinions are only related through our full report.

1.0 INTRODUCTION

1.1 Project Objective and Purpose

HVJ Associates, Inc. was contracted by AEI Engineering to perform a Phase I ESA for the Subject Project Area shown on Plates 1 through 4 (in the Plates Section) and on GeoSearch maps contained in Appendix A. The project involves site evaluation, site selection and design of new water well for the City of Houston in the Forest Cove Subdivision.

The objective of this study was to determine whether recognized environmental conditions may be located on or near the Subject Project Area construction area or on adjacent parcels that may lead to an environmental concern. This Phase I ESA was performed as part of the due diligence for the construction along the Subject Project Area. This Phase I ESA was performed to qualify for the following landowner liability protection under the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA): innocent landowner limitation; the contiguous property owner limitation; or the bona fide prospective purchaser limitation. The purpose of this Phase I ESA was to conduct a “due diligence” investigation to identify recognized environmental conditions along/near and within the Subject Project Area. As defined in ASTM E 1527-13, “The term recognized environmental conditions 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 the structures on the property or into the ground, groundwater or surface water of the property.”

1.2 Project Scope

The scope of services we provided for this Phase I ESA was performed in general accordance with ASTM Standard Practice E 1527-13 as modified by City of Houston, Department of Public Works & Engineering Infrastructure Design Manual Chapter 11 “Geotechnical and Environmental Requirements.” The following tasks were performed:

1. Environmental regulatory agency summary records were obtained for regulated environmental sites near the Subject Project Area. Following initial review, additional information was obtained through file reviews, field observations and interviews.
2. Available historical topographic maps, aerial photographs, well and pipeline data and city directories were obtained and reviewed to determine if current or prior land owners/occupants may have engaged in activities on adjacent properties that may have been an environmental concern. Sanborn fire insurance maps were not available for the Subject Project Area and adjoining properties.
3. Available geologic literature was reviewed to characterize the geologic, physiographic, and hydrogeologic setting to determine potential release pathways.
4. An on-site reconnaissance of Subject Project Area and the adjoining properties was performed to conduct interviews, verify environmental and historical records, identify hazardous substance and petroleum product storage areas and any obvious signs of environmental releases, identify current land-use activities and discover potential areas of environmental concern based on current conditions and development.
5. Interviews were conducted to obtain information relevant to the Subject Project Area and adjoining properties.

This report was prepared to document the Phase I ESA investigation and summarizes our findings/results, conclusions and recommendations.

1.3 Authorization

AEI Engineering authorized this ESA subsequent to City of Houston project authorization on May 5, 2014.

1.4 Significant Assumptions and Exceptions

This Phase I ESA was performed in general accordance with ASTM E 1527-13 as modified by City of Houston, Department of Public Works & Engineering Infrastructure Design Manual Chapter 11 “Geotechnical and Environmental Requirements.” The Phase I ESA was limited to information that is “reasonably ascertainable” and “practically reviewable” in accordance with ASTM E 1527-13, considering the time and cost associated with the assessment. HVJ Associates cannot guarantee the completeness or accuracy of the regulatory agency database records and cannot guarantee that not finding indications of hazardous substances or petroleum products means that these materials do not exist on the Subject Project Area. There is a possibility that sources of contamination have escaped detection due to the limitations of this study, the inaccuracy of available governmental records, or the presence of undetected and unreported environmental releases. HVJ Associates cannot be responsible for failure to disclose recognized environmental conditions that may exist on or near the Subject Project Area, but were not identified due to the limited nature of this assessment.

HVJ Associates reserves the right to alter our conclusions and recommendations based on our review of any information obtained after the date of this report. Our professional services have been performed using that degree of care and skill ordinarily exercised, under similar conditions, by environmental consultants practicing in this or similar localities. No warranty, express or implied, is made as to the professional information included in this report.

1.5 Qualifications of Environmental Professionals

The primary investigator for this Phase I ESA is Mr. Edward Hawkinson. Mr. Hawkinson holds BS and MS degrees in geology from The Ohio State University and the University of Cincinnati respectively and an MBA from the University of Cincinnati. Mr. Hawkinson is a registered professional geologist in Arkansas, Tennessee and Texas. His career encompasses a period exceeding 27 years involving environmental site assessments, hydrogeology, water resource evaluations, NEPA environmental investigations and energy exploration.

2.0 SITE DESCRIPTION

2.1 Location and Project Description

The location of the Subject Project Area is shown on Plates 1 through 4 (in the Plates Section) and on GeoSearch maps contained in Appendix A. The work involves site evaluation, site selection and design of new water well for the City of Houston in the Forest Cove area. The project is located in Harris County within the city limits of Houston.

2.2 Current Use of and Improvements on the Subject Project Area

The Subject Project Area is developed north of the West Fork of the San Jacinto River adjoining an existing City of Houston water plant near subdivision development mainly to the east and commercial development mainly to the west along Loop 494.

2.3 Current Uses of Properties Adjoining the Subject Project Area

The following properties adjoin the Subject Project Area (refer to Plate 2A and photographs in Appendix B).

- A wooded area adjoins the Subject Project Area to the north beyond which is Loop 494.
- A wooded area adjoins the Subject Project Area to the west beyond which is the Southern Pacific Railroad easement and commercial development along Loop 494
- An active well location adjoins the Subject Project Area to the south beyond which is an extensive wooded area.
- A wooded area and Laurel Springs Lane adjoins the Subject Project Area to the east.

3.0 USER PROVIDED INFORMATION

AEI Engineering provided a project description, several project maps and drawings. The ASTM standard User Questionnaire was not submitted to the user since is not appropriate for this type of investigation.

4.0 RECORDS REVIEW

4.1 Environmental Records Sources

On May 14, 2014 GeoSearch conducted a search of environmental database records (standard environmental record sources) for the Subject Project Area and surrounding areas. The GeoSearch Radius Report is provided in Appendix A. The search radii from the Subject Project Area were in accordance with the ASTM E1527-13 approximate minimum search distances for standard environmental record sources (where available). A Site Map showing the radius search area and registered facilities in the database records is included in the GeoSearch Radius Report in Appendix A. Table 1 lists the number of sites identified in the environmental databases that are located within the ASTM E1527-13 minimum search distance as modified by the City of Houston Department of Public Works Infrastructure Design Manual Chapter 11 Section 11.25 A for the Subject Project Area.

Table 1 – Sites Identified During Environmental Database Search		
Data Records	Locatable Sites	Unlocatable Sites
FEDERAL		
AIRSAFS – Aerometric Information Retrieval System/Air Facility Subsystem	0	0
BRS – Biennial Report System	0	0
CDL – Clandestine Drug Laboratory Locations	0	0
DOCKETS – EPA DOCKET Data	0	0
EC – Federal Institutional /Engineering Controls	0	0
ERNSTX - Emergency Response Notification System	0	0
FRSTX – Facility Registry System	0	0
HMIRSR06 – Hazardous Materials Incident Reporting System	0	0
ICIS – Integrated Compliance Information System	0	0
ICISNPDES – Integrated Compliance information System	0	0
MLTS – Material Licensing Tracking System	0	0
NPDESR06 – National Poll. Discharge Sys.	0	0
PADS – PCB Activity Database System	0	0
PCSR06 – Permit Compliance System	0	0
RCRASC – RCRA Sites with Controls	0	0
SFLIENS – CERCLIS Liens	0	0
SSTS – Section Seven Tracking System	0	0
TRI – Toxic Release Inventory	0	0
TSCA – Toxic Substances Control Act	0	0
NLRRCRAG – No Longer Regulated RCRA – Generator	0	0
RCRAGR06 (non-TSD operating sites that generate and handle hazardous wastes) Resource Conservation and Recovery Act – Generator/Handler	0	0
HISTPST – Historical Gas Stations	0	0
BF – Brownfields Management System	0	0
CERCLIS (federal hazardous waste sites) Comprehensive Environmental Response, Compensation and Liability Information System	0	0
LUCIS – Land Use Control Information System	0	0
NFRAP – No Further Remedial Action Planned	0	0
NLRRCRAT – No Longer Regulated RCRA – TSD	0	0
ODI – Open Dump Inventory	0	0

Table 1 – Sites Identified During Environmental Database Search		
Data Records	Locatable Sites	Unlocatable Sites
RCRAT Facilities (hazardous waste treatment, storage and disposal facilities) Resource Conservation and Recovery Act – Treatment, Storage and Disposal	0	0
DNPL – Delisted National Priority List (federal superfund sites)	0	0
DOD – Department of Defense Sites	0	0
FUDS – Formerly Used Defense Sites	0	0
NLRRCRAC – No Longer Regulated RCRA – Corrective Action	0	0
NPL - National Priority List (federal superfund sites)	0	0
PNPL – Proposed National Priority List (federal superfund sites)	0	0
RCRAC – Resource Conservation and Recovery Act – Corrective Action	0	0
RODS – Records of Decision	0	0
STATE		
GWCC – Groundwater Contamination Cases	0	0
HISTGWCC – Historic Groundwater Contamination Cases	0	0
LIENS – TCEQ Liens	0	0
MSD – Municipal Settings Designation Report	0	0
NOV – Notices of Violation	0	0
SIEC01 – State Institutional/Engineering Controls	0	0
SPILLS – Spills Listing	0	0
TIER II – Chemical Reporting Program	1	0
DCR – Dry Cleaner Registration	0	0
IHW - Industrial and Hazardous Waste Sites	2	0
PIHW – Permitted Ind. and Hazardous Waste Sites	0	0
PST – Petroleum Storage Tanks	3	0
APAR – Affected Property Assessment Reports	1	0
BSA – Brownfields Site Assessment	0	0
CALF – Closed and Abandoned Landfill Inventory	0	0
IOP - Innocent Owner/Operator Program	0	0
LPST - Leaking Petroleum Storage Tanks	8	0
MSWLF – Municipal Solid Waste Landfill Sites	0	0
RRCVCP – Railroad Commission VCP Sites	0	0
RWS - Radioactive Waste Sites	0	0
VCP – Voluntary Cleanup Program	1	0
WMRF – Waste Management Recycling Facilities	0	0
IHWCA – Industrial and Hazardous Waste Corrective Action Sites	1	0
SF - State Superfund	0	0
TRIBAL		
USTR06 – Underground Storage Tanks on Tribal Land – Region 06	0	0
LUSTR06 – Leaking Underground Storage Tanks on Tribal Land – Region 06	0	0
ODINDIAN - Open Dump Inventory on Tribal Lands	0	0
INDIANRES – Indian Reservation Country	0	0
TOTAL	17	0

4.2 State and Federal Records Summary

HVJ Associates reviewed federal and state regulatory agency summaries for nearby regulated sites to determine their status and to identify specific addresses and site names that would aid in conducting

our field reconnaissance. Three environmental records were found in the environmental databases reviewed for this study (see Plates 3A and 3B). The number and types of sites identified in the database records are consistent with the various land uses in the surrounding area. Due to the relatively flat topography there is very minor surface gradient in the area toward the West Fork of the San Jacinto River south of the Subject Project Area. None of the sites identified in the database search are likely to have a significant negative impact on the Subject Project Area.

HVJ Associates reviewed federal and state regulatory agency summaries for nearby regulated sites to determine their status and to identify specific addresses and site names that would aid in conducting our field reconnaissance. The environmental sites and specific environmental sites with recognized environmental conditions (RECs) are shown on Plates 3A and 3B. For sites found within the search radius, the records include the following type of sites (most but not all sites are discussed in the following narrative):

SPILLS – Spills Listing. This TCEQ report (last updated during December 2012) lists releases of hazardous or potentially hazardous materials into the environment. SPILL issues are discussed in Section 4.4 under Local Hazmat Incidents.

TIER II - Chemical Reporting Program. The Texas Tier II Chemical Reporting Program in the Department of State Health Services (DSHS) is the state repository for EPCRA-required Emergency Planning Letters (EPLs), which are one-time notifications to the state from facilities that have certain extremely hazardous chemicals in specified amounts. The program is also the state repository for EPCRA/state-required hazardous chemical inventory reports called Texas Tier Two Reports. This data contains those facility reports for the 2005 through the 2012 calendar years. The City of Houston Water Plant at 1625 Laurel Springs (Plate 3A - Map ID #1) adjoining the Subject Project Area to the south is listed for various chemicals associated with water processing with no issues noted.

IHW - Industrial and Hazardous Waste Sites. Owner and facility information is included in this database of permitted and non-permitted industrial and hazardous waste sites. Industrial waste is waste that results from or is incidental to operations of industry, manufacturing, mining, or agriculture. Hazardous waste is defined as any solid waste listed as hazardous or possesses one or more hazardous characteristics as defined in federal waste regulations. The IHW database is maintained by the TCEQ. There are two IHW sites reported within the search radii. Sullivan's Advanced Paint & Body at 22502 Loop 494 (Plate 3A - Map ID #4) approximately 0.2 mi. southwest of the Subject Project Area and Hazlewood's Dodge Country at 22500 Highway 59 North (Plate 3A - Map ID #5) approximately 0.24 mi. southwest of the Subject Project Area. These sites should not be a concern to the proposed project due to their current status and locations.

PST – TCEQ Petroleum Storage Tank database. This list identifies parties who own or operate aboveground and underground storage tanks (ASTs and USTs respectively) containing petroleum products or hazardous materials. Three sites with storage tanks were reported to exist within the designated search radii. None of these sites are on or within 500 feet of the Subject Project Area. The closest PST site is the Flagship 494 Carwash at 22515 Loop 494 (Plate 3A - Map ID #2) approximately 0.18 mi. west of the Subject Project Area. These tank locations should not be a concern to the proposed project due to the PST status information contained in this database and their locations.

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

concentrations equal to or greater than the assessment level applicable for residential land use and groundwater classification. One APAR site was reported to exist within the designated search radii. This site is not on or within 500 feet of the Subject Project Area. The Flagship 494 Carwash at 22515 Loop 494 (Plate 3A - Map ID #2) approximately 0.18 mi. west of the Subject Project Area is listed as an active APAR site under investigation for benzene, toluene, ethylbenzene, and xylene (BTEX) and methyl tert butyl ether (MTBE) contamination. This location should not be a concern to the proposed project due to its distance from the Subject Project Area.

LPST - TCEQ Leaking Petroleum Storage Tank Report. This report lists sites known to have leaks/spills associated with underground or aboveground tanks. It contains summary information about leaking tanks reported to the commission such as identification numbers, location information, responsible party information and priority/status codes.

Five LPST sites were reported within the database search radii. None of these sites are on or within 500 feet of the Subject Project Area. The closest LPST site is the Flagship 494 Carwash at 22515 Loop 494 (Plate 3A - Map ID #2) approximately 0.18 mi. west of the Subject Project Area. This site is listed as priority code “groundwater impact, no apparent threats or impacts to receptors” and status code “final concurrence issued, case closed.” This site should not be a concern to project construction due to its location and current status.

VCP - Voluntary Cleanup Program. The Texas Voluntary Cleanup Program (VCP) provides administrative, technical, and legal incentives to encourage the cleanup of contaminated sites in Texas. Since all non-responsible parties, including future lenders and landowners, receive protection from liability to the state of Texas for cleanup of sites under the VCP, most of the constraints for completing real estate transactions at those sites are eliminated. As a result, many unused or underused properties may be restored to economically productive or community beneficial uses. The VCP database is maintained by the TCEQ. One VCP site was reported to exist within the designated search radii. This site is not on or within 500 feet of the Subject Project Area. The Flagship 494 Carwash at 22515 Loop 494 (Plate 3A - Map ID #2) approximately 0.18 mi. west of the Subject Project Area is listed as an active VCP site since 2006 under investigation for volatile organic compound (VOC) and total petroleum hydrocarbons (TPH) contamination in site soil and groundwater. This location should not be a concern to the proposed project due to its distance from the Subject Project Area.

IHWCA - Industrial and Hazardous Waste Corrective Action Sites. This database is provided by the TCEQ. The mission of the industrial and hazardous waste corrective action program is to oversee the cleanup of sites contaminated from industrial and municipal hazardous and industrial nonhazardous wastes. The goals of this program are to: ensure that sites are assessed and remediated to levels that protect human health and the environment; verify that waste management units or facilities are taken out of service and closed properly; and to facilitate revitalization of contaminated properties. There is one IHWCA site reported within the database search radii. The Masonry Facility at 29529 Loop 494 (Plate 3A - Map ID #9) approximately 0.5 mi. north of the Subject Project Area should not be a concern to project construction due to its location and current status.

A complete list of all government records reviewed is included as an attachment to the GeoSearch report provided in Appendix A. In addition, a list of records reviewed is provided in Section 4.1 – Environmental Records Sources.

4.3 TCEQ File Review

Based on our review of the data, no request was made to the LPST Records Section of the Houston TCEQ to review files.

4.4 Local Hazmat Incidents

The State of Texas SPILL listing lists releases of hazardous or potentially hazardous materials into the environment. No SPILL events were reported on or within 500 ft. of the Subject Project Area.

4.5 FEMA Floodplain and Wetlands Map Review

According to Federal Emergency Management Agency (FEMA) Flood Insurance Rate Maps (FIRM) for Harris County, Texas and Incorporated areas, Panel 48201C0315L (revised date June 18, 2007), the Subject Project Area is in Zone X described as an area that is outside the 100 year floodplain.

The United States Department of Agriculture (USDA) NWI map shows no wetland areas on or adjoining the Subject Project Area. Copies of this map and the FEMA map are provided in Appendix C.

4.6 Physical Setting

Site Topography. From a review of the 1995 Moonshine Hill, Texas 7.5-minute United States Geological Survey (USGS) topographic quadrangle map (Plate 4), the Subject Project Area lies at an elevation of approximately 80 feet above mean sea level. The regional slope is to the south toward the West Fork of the San Jacinto River south of the Subject Project Area.

Municipal water districts, subdivisions, industrial sites, and local residents in the Subject Project Area draw groundwater for domestic, municipal, commercial and industrial usage. Large withdrawal of water in the greater Houston area has resulted in regional and localized land-surface subsidence. This has resulted in the lowering of elevations in the area by approximately 6 feet since 1906 when subsidence data began being recorded. The primary effects of this have been the alteration of natural drainage patterns in the area and revisions to floodplain and floodway designations.

Geology and Soil Characteristics. A review of the Bureau of Economic Geology 1992 Geologic Atlas of Texas, Beaumont Sheet indicates that the uppermost geologic formation underlying the Subject Project Area is the Pleistocene Beaumont Formation (map symbol Qbs). These sediments consist primarily of clays, silts and sands; and include mainly stream channel, point-bar, natural levee, backswamp, coastal marsh and mud-flat deposits in fluvial and deltaic environments during the Pleistocene Epoch. The Beaumont Formation is locally calcareous, has concretions of calcium carbonate, iron oxide and iron manganese oxides commonly in zones of weathering and is characterized by a fairly flat, featureless surface with meander patterns and pimple mounds on meander belt ridges.

A review of the 1976 Soil Survey of Harris County, Texas, indicates the soils within the Subject Project Area are classified as Wockley-urban land complex (map symbols Wy). The upper Wockley soil consists of dark grayish brown fine sandy loam with grayish brown dry; weak fine granular structure; slightly hard, friable with common fine roots and with iron concentrations with sharp boundaries lining roots and pores.

Groundwater Characteristics. Groundwater occurs in two main aquifers in the Houston area. The Chicot Aquifer is the shallowest aquifer that produces sufficient quantities of water for domestic, commercial and light industrial purposes. In this area, the Chicot is estimated to extend to approximately 500 feet below the ground surface. Below the Chicot is the Evangeline Aquifer. The Evangeline is the main source of groundwater in the Houston area. Its depth in the area ranges from 400 to 1200 feet below ground surface. Both aquifers dip gently toward the coast.

Shallower groundwater is also encountered in this Area of Harris County. Generally, this groundwater is of lesser quality than that found in the Chicot or Evangeline Aquifers. Typically, the shallow water-bearing zones are first encountered at a depth of 10 to 20 feet below ground surface. Groundwater movement direction is variable from location to location and may not follow the surface flow direction. The rate of groundwater movement in these shallow water-bearing zones is extremely slow and the production rates rarely exceed two gallons per minute.

Geologic Faulting. A review of surface faults was made from geologic literature and available in-house records. Based on our review, the Subject Project Area is not located near any documented

geologic fault. We believe that faulting may not affect the project; however, it should be noted that unmapped faults that could impact the project may exist within the Subject Project Area. A detailed fault assessment is not within the scope of this study.

4.7 Oil/Gas Well, Pipeline and Water Well Review

GeoSearch found no oil/gas well dry hole or producing wells locations within the database search radius. GeoSearch found a deep City of Houston UD water well adjacent to (south) of the Subject Project Area. They found several other wells in the general project area; however, none of these wells are on or adjacent to the Subject Project Area. Copies of the GeoSearch Oil/Gas and Water Well Reports and all other historical records are provided in the Historical Records section of this report (see Appendix A).

4.8 Historical Review

Historical review of data, maps and aerial photographs revealed that the Subject Project Area is heavily wooded and has never been developed. To save costs, no chains-of-title were reviewed for this project.

4.8.1 Historical Topographic Map. Topographic maps of the Area that included the Subject Project Area published in 1916, 1949, 1961, 1980 and 1995 were reviewed to assess historical use of the Subject Project Area. The topographic maps show no significant information on land use and environmental conditions on the Subject Project Area. The oldest available topographic map in the area is the 1916 Weeden, Texas Quadrangles. This map shows the Subject Project Area to be undeveloped in a rural setting. The most current topographic map for 1995 is provided as Plate 4. Copies of all other reviewed historical topographic maps are provided in Appendix C.

4.8.2 Sanborn Fire Insurance Maps. We requested copies of all available Sanborn fire insurance maps from GeoSearch in Austin, Texas. GeoSearch reviewed Sanborn maps in the collection of the Center for American History at the University of Texas at Austin and from other data providers. No Sanborn maps were available for the Subject Project Area.

4.8.3 Historical Directories. City directories by Cole Directory and others have been published in Houston and surround areas since the early 1900's. GeoSearch reviewed listings within the Subject Project Area and in the immediate vicinity for the years 1971 through 2008 for Loop 494 and from 1975 through 2008 for Laurel Springs Lane. Historically, most of the Subject Project Area was undeveloped prior to 1975. The Loop 494 area was mostly undeveloped prior to 1971. No possible or suspected sites with recognized environmental conditions identified through other sources were confirmed based on this information. No additional information was added from a review of the city directory database. Copies of the city directory information obtained from GeoSearch are provided in Appendix C.

4.8.4 Historical Aerial Photographs. Historical aerial photographs (Appendix C) were obtained from GeoSearch for the years 1944, 1957, 1968, 1979, 1989, 1996, 2004 and 2012. The photographs were reviewed for land use, development, the presence of uncontrolled dumping, service stations and other industrial facilities.

1944/1957. These photographs show the Subject Project Area to be undeveloped and uncleared adjacent to a railroad easement. Some minor development can be seen to the west of the railroad easement.

1968/1979. The Subject Project Area remains uncleared and undeveloped as in the previous photos.

1989/1996. These photographs show development around the Subject Project Area in roughly its present day configuration. The area west of the Subject Project Area is partially wooded with some commercial development along Loop 494. Subdivisions have been expanded to the east.

2004/2012. The area appears much as it does today with residential development predominating to the east and commercial development to the west of the Subject Project Area along Loop 494. No indications of recognized environmental conditions were observed on these photographs. No additional historical recognized environmental conditions associated with the Subject Project Area and the adjoining properties were identified during the review of the historical aerial photographs.

5.0 SITE RECONNAISSANCE AND INTERVIEWS

A site reconnaissance by automobile and on foot of the Subject Project Area and adjoining properties was conducted by an HVJ Associates Environmental Professional during May 2014. Interviews were conducted in the adjoining subdivision areas. Several local residents indicated that they were unaware of any environmental impairment in the Subject Project Area. The purpose of the site reconnaissance was to observe the streets, easements and any adjacent environmental sites for site characteristics, spills, corrective actions and other potential environmental concerns and to document present land uses. Power line poles were observed on and adjoining the Subject Project Area with electrical transformers that potentially contain PCBs. The City of Houston provides water, sanitary sewer and storm sewer service to the adjoining areas.

Table 2 – Site Reconnaissance Observations

Table 2 – Site Reconnaissance Observations			
Summary of Research and Findings:	Type	Brief Description of Findings and Supporting Evidence Identifying:	Probability of Condition*
Observations or Investigative Methods Used:		Type R - Recognized Environmental Conditions Type H - Historical Recognized Environmental Conditions, and/or Type D - De Minimis Conditions:	
Date of site visit and major exterior observations on Subject Project Area	May 2014		
Date of visit and exterior observations on adjoining properties	May 2014		
Any storage of hazardous substances/petroleum items?	N		
Any pits, ponds, lagoons? <u>On</u> parcel or <u>Adjoining</u> ?	N		
Any odors, stained soil/pavement, stressed vegetation?	N		
Any above or underground storage tanks?	N		
Any leaking tanks or drums? <u>On</u> parcel or <u>Adjoining</u> ?	N		
Any solid waste disposal sites, trash container leaks?	N		
Any wastewater discharges into ditch or streams?	N		
Any dry wells, irrigation wells, injection wells, etc.?	N		
Any septic systems? <u>On</u> parcel or <u>Adjoining</u> ?	N		
Any dry cleaners or hazardous item containers? (O or A)	N		
Any electrical or hydraulic equipment w possible PCBs?	N?	D – none observed	
Any RCRA Large Quantity Generators? (O or A)	N		
Any RCRA Treatment Storage Disposal System? (O or A)	N		
Date of visit and interior building observations on Subject Project Area.	N/A		
Any interior stains or corrosion (except from water)?	N/A		
Any floor drains and sumps?	N/A		

* K – Known (with certainty), H – High, M – Moderate, L – Low, or N - None

No active service station locations were observed on or adjoining the Subject Project Area. No dry cleaner locations were observed adjoining or near the Subject Project Area. No significant dumping and/or trash disposal was observed on or near the Subject Project Area. No stained soils and/or soil piles were observed near the Subject Project Area. No solid waste disposal facilities were observed in the Subject Project Area. No septic systems were observed.

Our field observations were in accordance with the database information. A detailed summation of our field observations is provided in Table 2 above. No possible wetland areas were observed on or near the Subject Project Area.

6.0 FINDINGS

No sites likely to have a negative impact on the Subject Project Area were identified while performing this Phase I ESA. We found no known, suspect and/or historical recognized environmental conditions (refer to ASTM E1527-13 §12.5).

7.0 OPINION

The ASTM 1527-13 document requires the Environment Professional's opinion regarding the impact of the conditions identified in the findings section and the rationale for concluding that the condition is or is not an REC. No RECs were identified on or near the Subject Project Area.

8.0 DATA GAPS

Section 8.3 of ASTM E 1527-13 states that all obvious uses of the property shall be identified from the present back to the property's first developed use, or back to 1940, whichever is earlier. The term developed use includes agricultural uses. A data failure occurs when all of the standard historical sources that are reasonably ascertainable and likely to be useful have been reviewed and yet the objectives have not been met. Data failure is not uncommon in trying to identify the use of the property at five-year intervals back to first use or 1940. Notwithstanding a data failure, standard historical sources may be excluded if the sources are not reasonably ascertainable or if past experience indicates that the sources are not likely to be sufficiently useful, accurate or complete in terms of satisfying the objectives.

Based on aerial photograph and topographic map information, the Subject Project Area has been undeveloped adjacent to a City of Houston water plant east of a Southern Pacific Railroad easement. Based on this information, in our opinion there is no data gap(s) resulting in a data failure. There are no significant data gaps and all obvious uses of the Subject Project Area have been identified from the present back to the property's first developed use.

9.0 CONCLUSIONS AND RECOMMENDATIONS

We have performed a Phase I Environmental Site Assessment of City of Houston designated Subject Project Area near Forest Cove in Kingwood, Texas. This assessment has revealed no evidence of recognized environmental conditions in connection with the Subject Project Area. No wetland areas were found on or adjacent to the Subject Project Area.

10.0 DEVIATIONS AND LIMITATIONS

This report is an instrument of service of HVJ Associates, Inc. The report was prepared for and is intended for the exclusive use of the City of Houston. The report's contents may not be relied upon by any other party without the express written permission of HVJ Associates. The information and conclusions provided in this report are based on a general knowledge of Subject Project Area and the

region; regulatory agency database information; historical information; site reconnaissance findings; interviews; etc. The site reconnaissance observations in this report summarize conditions as found on the date the HVJ Associates environmental professional was at and observed Subject Project Area. The report's findings are based on conditions that existed on the dates of HVJ Associates' site visits and available records and should not be relied upon to precisely represent conditions at any other time. This study has attempted to identify recognized environmental conditions in connection with Subject Project Area; however, there is a possibility that sources of information have gone undetected because of the limitations of this study, inaccuracy of database records, or the presence of undetected and unreported environmental releases. Certain indicators of the presence of environmental conditions, historical sites, or hazardous materials may have been latent at the time of our site reconnaissance and may subsequently have become unobservable. All discovered information has been disclosed and a good faith effort has been made to consult pertinent sources and appropriately evaluate the information.

This investigation was performed using the standard level of care and diligence normally practiced by recognized professional environmental and engineering firms in this Area presently performing similar services under similar circumstances. This report is intended to be used in its entirety. It has been prepared exclusively for Subject Project Area. If the location or Area of the Subject Project Area changes or otherwise differs from the descriptions contained herein, HVJ Associates should be immediately notified and retained to evaluate the effect of the changes on the conclusions and recommendations presented in this report, and to revise them if necessary. The conclusions presented in this report should not be relied upon for other properties or sites without additional evaluation and/or investigation. This document is not intended to constitute or substitute for legal counsel or guidance in connection with decisions regarding property acquisition or regulatory actions.

HVJ Associates has based the conclusions included in this report on its observation of existing Subject Project Area conditions, its interpretation of Subject Project Area history, and its interpretation of the Subject Project Area usage information it was able to access. It is possible that HVJ Associates, Inc. research while fully appropriate for an Environmental Site Assessment failed to indicate the existence of important information sources. Assuming such sources actually exist, their information could not have been considered in the formulation of HVJ Associates' findings and opinions. All conclusions are qualified by the fact that no borings were made and no soil, sediment, or groundwater sampling or chemical testing was conducted. Conclusions about Subject Project Area conditions under no circumstances comprise a warranty that conditions in all Areas within the Subject Project Area (and below existing grade) are of the same quality that HVJ Associates has inferred from observable Subject Project Area conditions and readily available site history. HVJ Associates' findings and opinions must be considered probabilities based on professional judgment applied to the limited data HVJ Associates was able to gather during the course of the Subject Project Area assessment.

11.0 ADDITIONAL SERVICES

Wetland information was added to this assessment from the NWI map and field observations. No other additional services were provided for this assessment.

12.0 REFERENCES

The following referenced resources were relied upon in preparing this Phase I ESA report:

- Bureau of Economic Geology, 1992. Geologic Atlas of Texas, Houston Sheet, University of Texas at Austin;
- United States Department of Agriculture, Soil Conservation Service, Soil Survey of Harris County, 1976;
- Harris-Galveston Coastal Subsidence District, 1995. Subsidence Map, 1906 to 1995;

- U.S. Geological Survey 1916 Weeden, Texas Topographic Quadrangle Map (1:62500);
- U.S. Geological Survey Moonshine Hill 7.5 Minute Topographic Quadrangle Map (1:24000);
- FEMA Flood Insurance Rate Map;
- City of Houston Public Library, “Historical City Directories;”
- Current National Wetland Inventory (NWI) map; and
- American Society of Testing and Material, 2005, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process, Designation E 1527-13.
- City of Houston, Department of Public Works & Engineering Infrastructure Design Manual Chapter 11 “Geotechnical and Environmental Requirements.”

The following individuals, vendors, and agencies were contacted during the course of this study.

- GeoSearch, Austin, Texas;
- Local residents at adjoining residences;
- Texas Commission on Environmental Quality Data Files, Houston and Austin, Texas.

13.0 SIGNATURE OF ENVIRONMENTAL PROFESSIONAL

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



7/18/2014

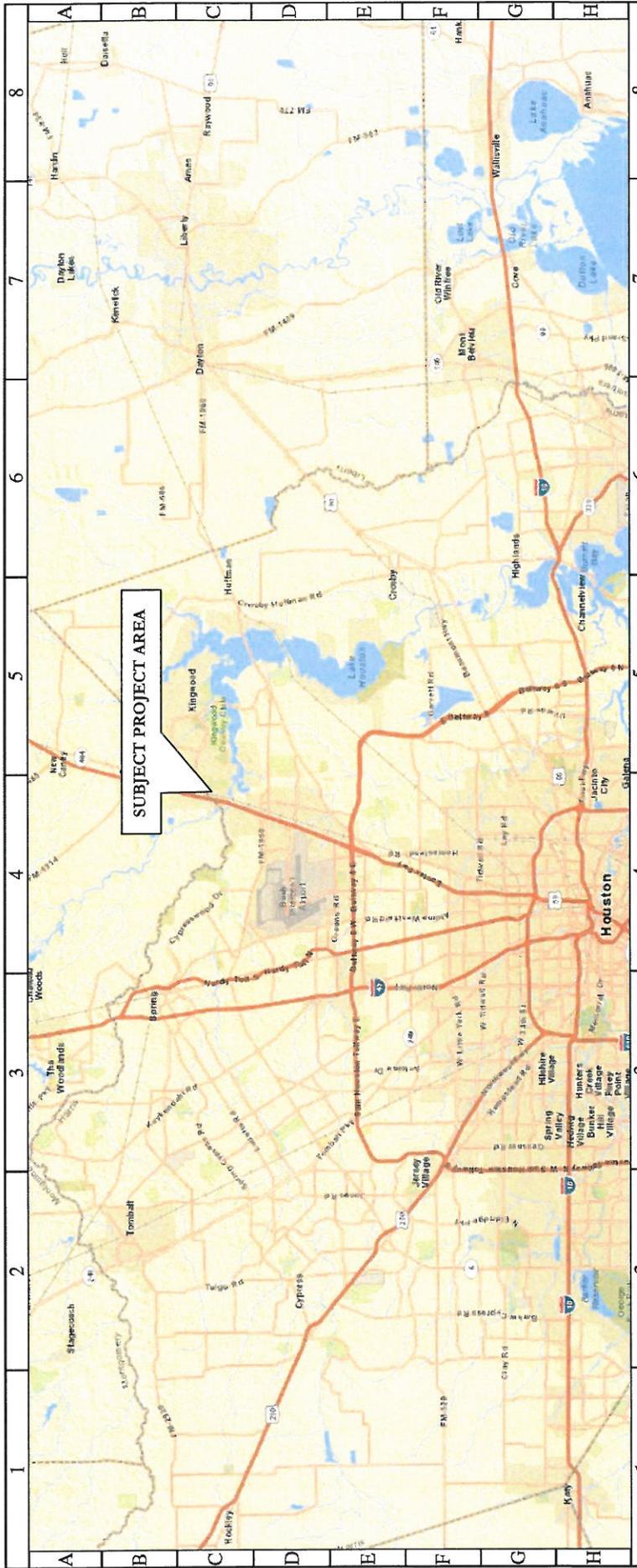
Edward F. Hawkinson, PG
Project Environmental Scientist
HVJ Associates, Inc.

Date:

14.0 QUALIFICATIONS OF ENVIRONMENTAL PROFESSIONAL

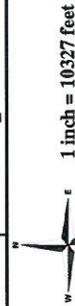
HVJ Associates environmental scientist Edward F. Hawkinson, PG conducted the Phase I ESA and prepared this report. Mr. Hawkinson has over 20 years of environmental project management experience. He has been responsible for ESA preparation, NEPA site assessments, environmental impact statement preparation, remediation, aquifer characterization, groundwater modeling and Phase II ESA sampling/analysis and reporting. Over the last 15 years, Mr. Hawkinson has been personally involved in the production of over 500 ESA documents in a multi-state Area and Puerto Rico. Mr. Hawkinson is a registered professional geologist in Texas, Arkansas and Tennessee and is a member of the Geological Society of America, Houston Geological Society and the Texas Association of Environmental Professionals. Mr. Hawkinson’s resume is provided in Appendix D.

PLATES

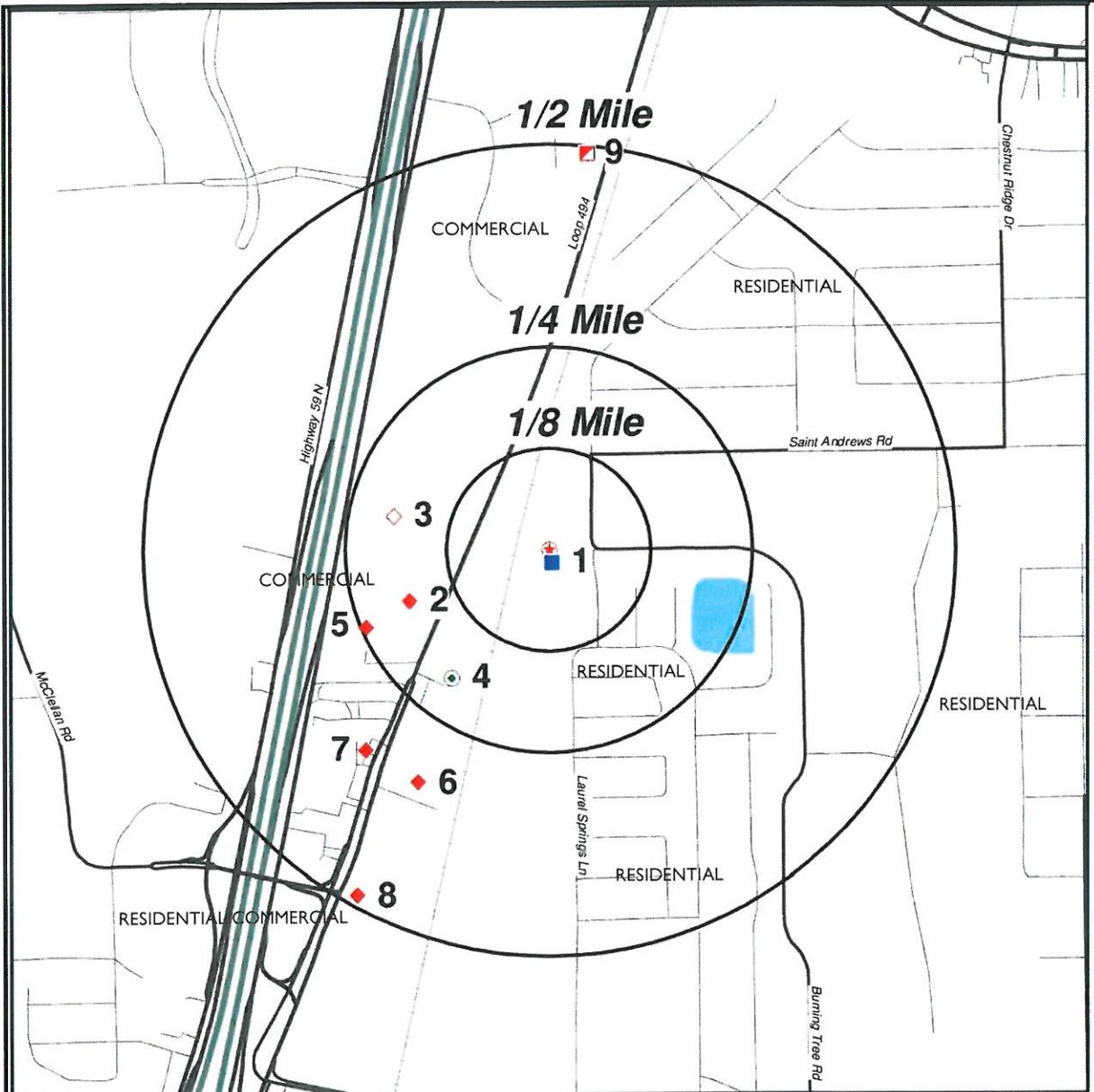


CITY OF HOUSTON

Department of Public Works and Engineering
 Geographic Information & Management System (GIMS)
 DISCLAIMER: THIS MAP REPRESENTS THE BEST INFORMATION AVAILABLE TO THE CITY.
 THE CITY DOES NOT WARRANT ITS ACCURACY OR COMPLETENESS.
 FIELD VERIFICATIONS SHOULD BE DONE AS NECESSARY.

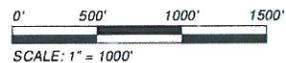


	6120 S. Dairy Ashford Road Houston, Texas 77072-1010 281.933.7388 Ph 281.933.7293 Fax	DATE: 5/28/2014 APPROVED BY: EH PREPARED BY: NL
	SITE VICINITY MAP Phase I ESA – Forest Cove Well Project WBS No.: S-000100-0016-3 Houston, Harris County, Texas	
PROJECT NO.: HE1216880	DRAWING NO.: PLATE 1	



-  Target Property (TP)
-  TIERII
-  LPST
-  PST
-  IHW
-  IHWCA

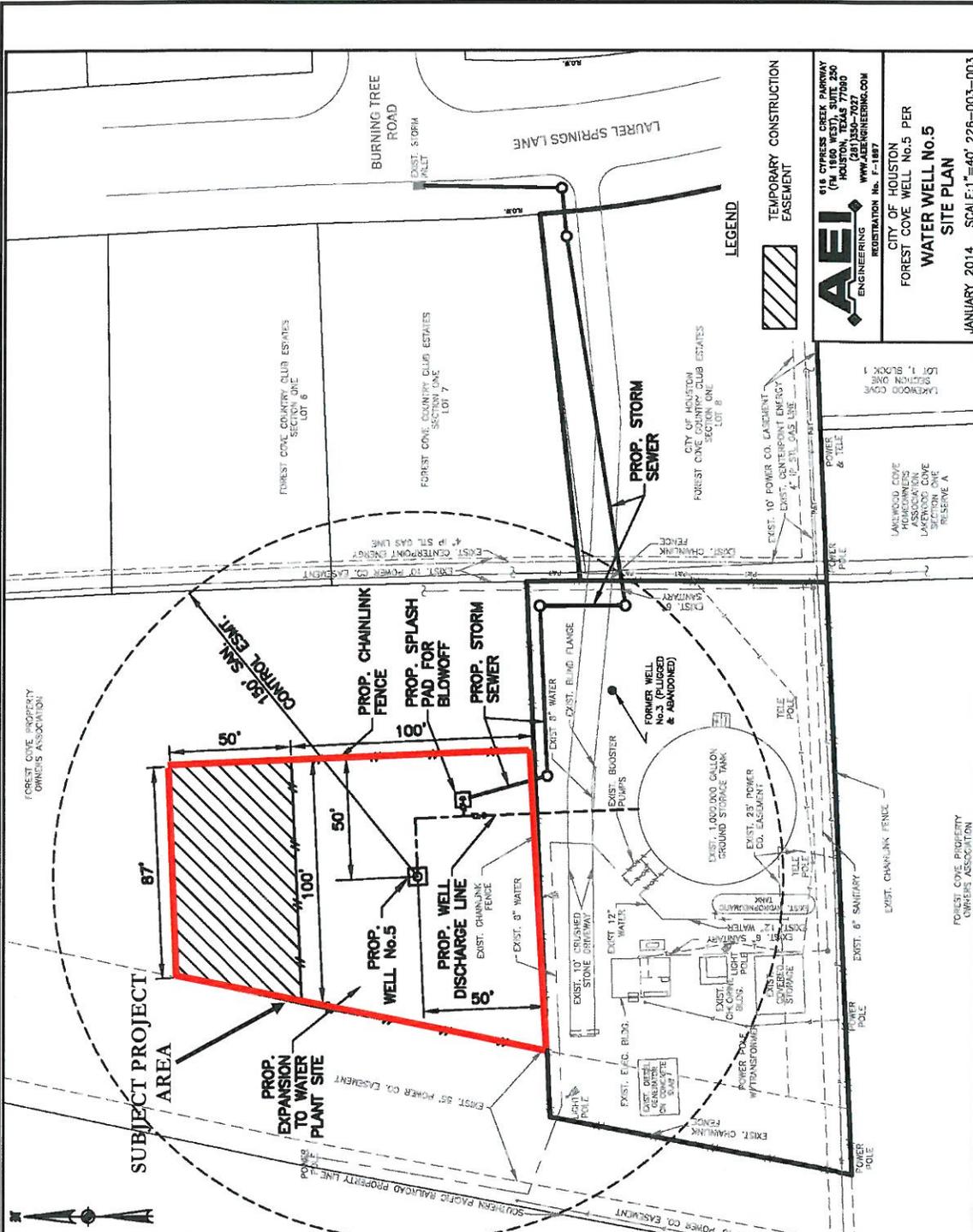
Water Well No. 5
HOUSTON, Texas
77339



	Drawn:	NL	<p>Plate 2A Land Use Map Phase I ESA – Forest Cove Well Project WBS S-000100-0016-3 Houston, Harris County, Texas</p>	
	Checked:	EH		
	Date:	May 2014		
Project No.	HE1216880	Scale	N.T.S.	



VICINITY MAP
KEY MAPS: 294-297
334-337
374-377



NOTES:
1. THIS SITE PLAN IS BASED ON AVAILABLE RECORD DRAWINGS PROVIDED BY OTHERS AND WAS PREPARED WITHOUT THE BENEFIT OF A SURVEY. LOCATIONS OF IMPROVEMENTS SHOWN ARE APPROXIMATE.
2. IMPROVEMENTS SHOWN ARE EXISTING UNLESS STATED OTHERWISE.

LEGEND



TEMPORARY CONSTRUCTION EASEMENT

AEL
ENGINEERING
REGISTRATION NO. F-1187
615 CYPRESS CREEK HARWAY
(H. 1810 WEST), SUITE 230
HOUSTON, TEXAS 77060
(281) 530-7027
WWW.AEL-ENGINEERING.COM

CITY OF HOUSTON
FOREST COVE WELL No. 5
SITE PLAN
JANUARY 2014 SCALE: 1"=40' 226-003-003

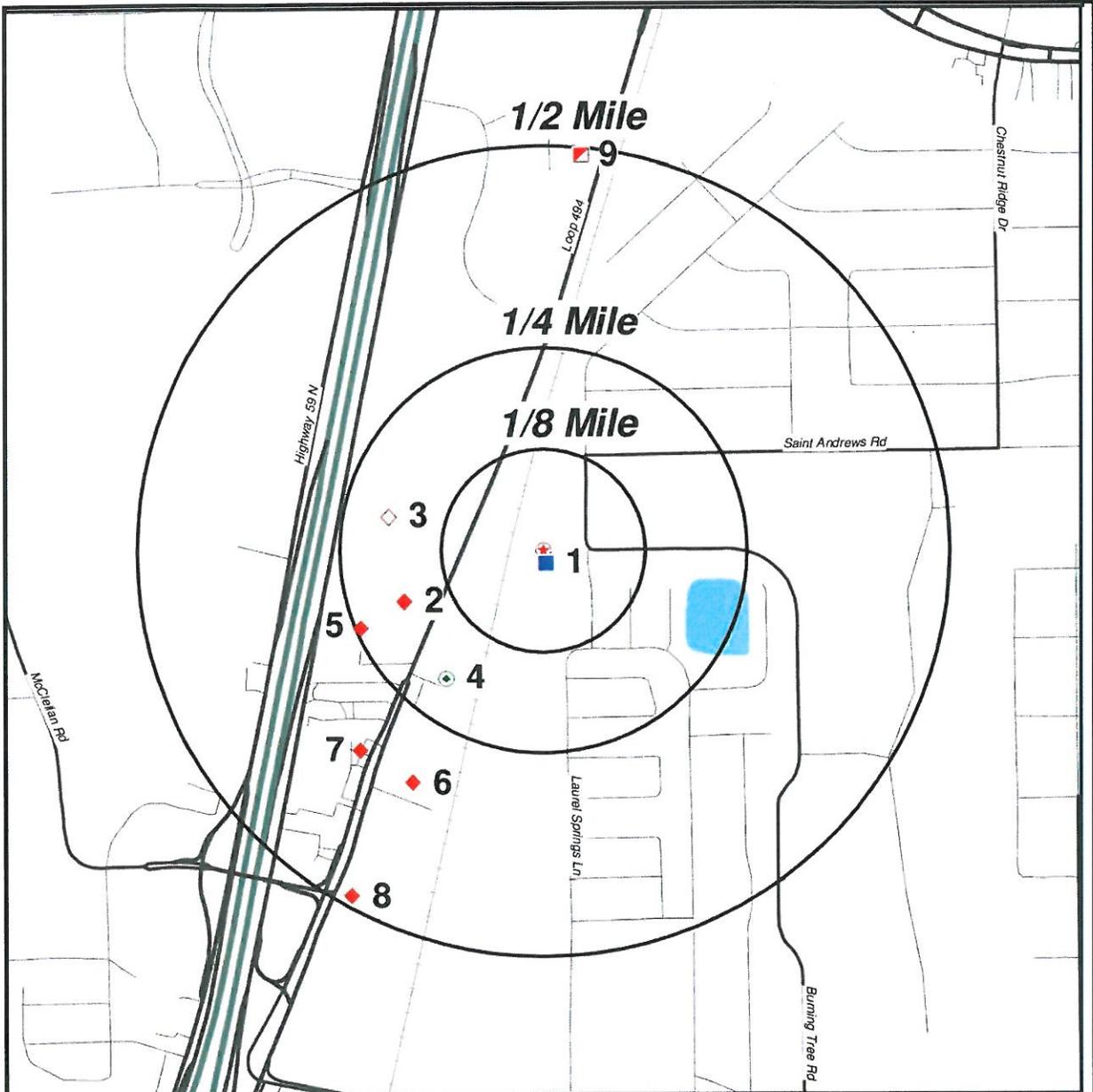


Plate 2B
Subject Project Area Map
Forest Cove Well Project
WBS No. S-000100-0016-3
Houston, Harris County, Texas

Drawn:	NL
Checked:	EH
Date:	May 2014
Scale:	NTS

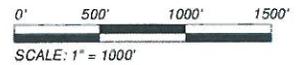


Project No. HE1216880



-  Target Property (TP)
-  TIERII
-  LPST
-  PST
-  IHW
-  IHWCA

Water Well No. 5
HOUSTON, Texas
77339



	Drawn:	NL	
	Checked:	EH	
	Date:	May 2014	
Project No.	HE1216880	Scale	NTS

Plate 3A
 Environmental Sites Map
 Phase I ESA – Forest Cove Well Project
 WBS S-000100-0016-3
 Houston, Harris County, Texas

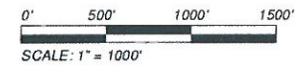




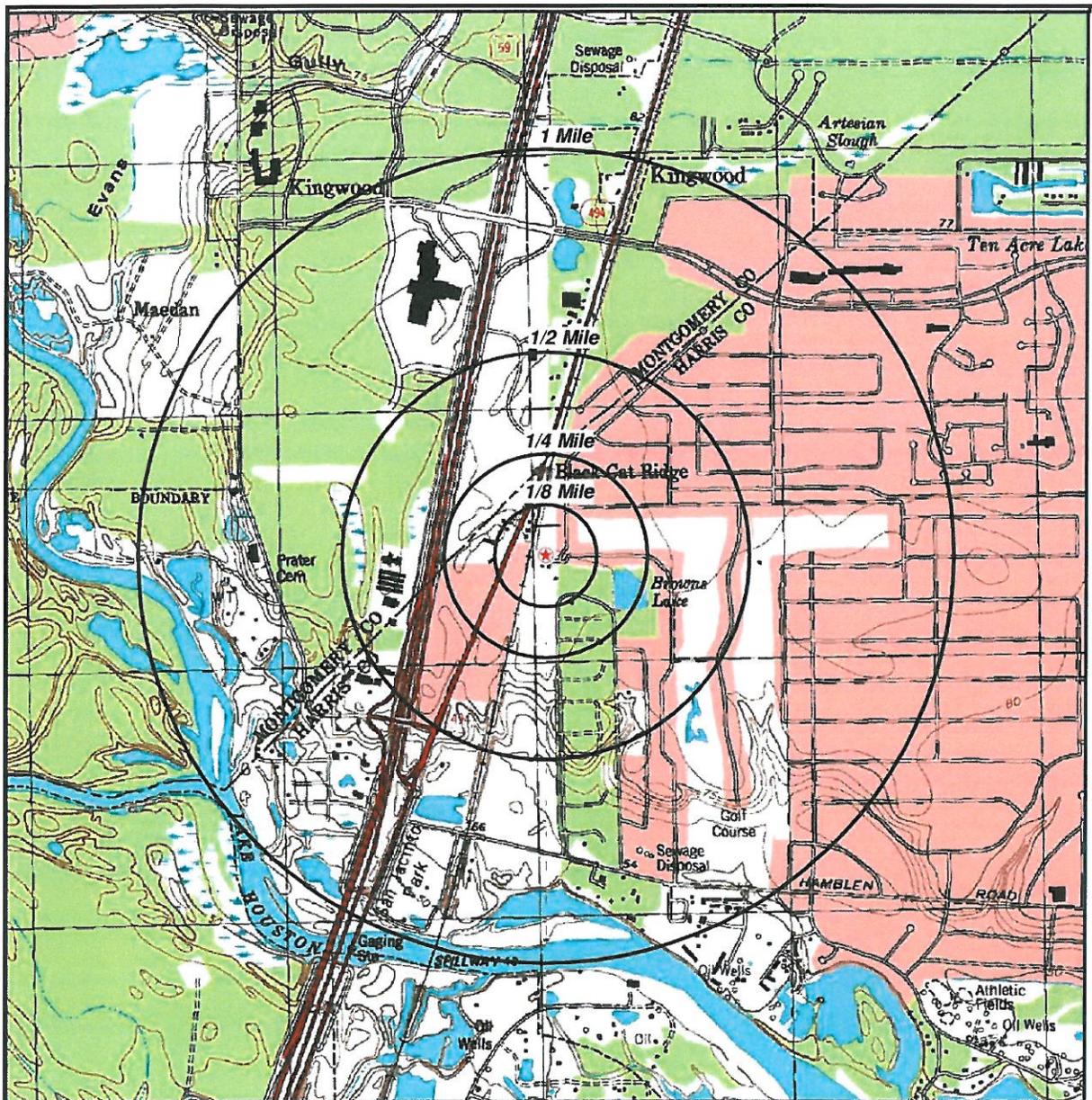
bing Image courtesy of USGS Image courtesy of ImagePatch.com Earthstar Geographics SIO © 2014 Microsoft Corporation

-  Target Property (TP)
-  TIERII
-  LPST
-  PST
-  IHW
-  IHWCA

Quadrangle(s): Moonshine Hill
Water Well No. 5
HOUSTON, Texas
77339



		Drawn:	NL	<p>Plate 3B Environmental Sites Map ORTHO Phase I ESA – Forest Cove Well Project WBS S-000100-0016-3 Houston, Harris County, Texas</p> 
		Checked:	EH	
		Date:	May 2014	
Project No.	HE1216880	Scale	NTS	



★ Target Property (TP)

**Quadrangle(s): Moonshine Hill
Water Well No. 5
HOUSTON, Texas
77339**



0' 1000' 2000' 3000'
SCALE: 1" = 2000'

	Drawn:	NL	<p>Plate 4 Site Topographic Map Phase I ESA – Sims Well Project WBS S-000100-0016-3 Houston, Harris County, Texas</p>
	Checked:	EH	
	Date:	May 2014	
Project No.	HE1216860	Scale	NTS

APPENDIX A
REGULATORY AGENCY INFORMATION



Radius Report

[Satellite view](#)

Target Property:

Water Well No. 5

HOUSTON, Harris County, Texas 77339

Prepared For:

HVJ Associates-Houston

Order #: 35891

Job #: 79551

Date: 05/14/2014

Table of Contents

<i>Target Property Summary</i>	1
<i>Database Findings Summary</i>	2
<i>Locatable Database Findings</i>	6
<i>Radius Map 1</i>	10
<i>Radius Map 2</i>	11
<i>Ortho Map</i>	12
<i>Topographic Map</i>	13
<i>Report Summary of Locatable Sites</i>	14
<i>Environmental Records Definitions</i>	42

Target Property Summary

Water Well No. 5

HOUSTON, Harris County, Texas 77339

USGS Quadrangle: **Moonshine Hill, TX**

Target Property Geometry: **Point**

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

(-95.249998, 30.040605)

County/Parish Covered:

Harris (TX) , Montgomery (TX)

Zipcode(s) Covered:

Humble TX: 77338

Kingwood TX: 77339

Porter TX: 77365

State(s) Covered:

TX

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

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

This report was designed by GeoSearch to meet or exceed the records search requirements of the All Appropriate Inquires Rule (40 CFR §312.26) and the current version of the ASTM International E1527, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process or, if applicable, the custom requirements requested by the entity that ordered this report. The records and databases of records used to compile this report were collected from various federal, state and local governmental entities. It is the goal of GeoSearch to meet or exceed the 40 CFR §312.26 and E1527 requirements for updating records by using the best available technology. GeoSearch contacts the appropriate governmental entities on a recurring basis. Depending on the frequency with which a record source or database of records is updated by the governmental entity, the data used to prepare this report may be updated monthly, quarterly, semi-annually, or annually.

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

GeoSearch www.geo-search.com 888-396-0042

Database Findings Summary

FEDERAL LISTING

Database	Acronym	Locatable	Unlocatable	Search Radius (miles)
AEROMETRIC INFORMATION RETRIEVAL SYSTEM / AIR FACILITY SUBSYSTEM	AIRSAFS	0	0	TP/AP
BIENNIAL REPORTING SYSTEM	BRS	0	0	TP/AP
CLANDESTINE DRUG LABORATORY LOCATIONS	CDL	0	0	TP/AP
EPA DOCKET DATA	DOCKETS	0	0	TP/AP
FEDERAL ENGINEERING INSTITUTIONAL CONTROL SITES	EC	0	0	TP/AP
EMERGENCY RESPONSE NOTIFICATION SYSTEM	ERNSTX	0	0	TP/AP
FACILITY REGISTRY SYSTEM	FRSTX	0	0	TP/AP
HAZARDOUS MATERIALS INCIDENT REPORTING SYSTEM	HMIRSR06	0	0	TP/AP
INTEGRATED COMPLIANCE INFORMATION SYSTEM (FORMERLY DOCKETS)	ICIS	0	0	TP/AP
INTEGRATED COMPLIANCE INFORMATION SYSTEM NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM	ICISNPDES	0	0	TP/AP
LAND USE CONTROL INFORMATION SYSTEM	LUCIS	0	0	TP/AP
MATERIAL LICENSING TRACKING SYSTEM	MLTS	0	0	TP/AP
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM	NPDESR06	0	0	TP/AP
PCB ACTIVITY DATABASE SYSTEM	PADS	0	0	TP/AP
PERMIT COMPLIANCE SYSTEM	PCSR06	0	0	TP/AP
RCRA SITES WITH CONTROLS	RCRASC	0	0	TP/AP
CERCLIS LIENS	SFLIENS	0	0	TP/AP
SECTION SEVEN TRACKING SYSTEM	SSTS	0	0	TP/AP
TOXICS RELEASE INVENTORY	TRI	0	0	TP/AP
TOXIC SUBSTANCE CONTROL ACT INVENTORY	TSCA	0	0	TP/AP
NO LONGER REGULATED RCRA GENERATOR FACILITIES	NLRRCRAG	0	0	0.1250
RESOURCE CONSERVATION & RECOVERY ACT - GENERATOR FACILITIES	RCRAGR06	0	0	0.1250
HISTORICAL GAS STATIONS	HISTPST	0	0	0.2500
BROWNFIELDS MANAGEMENT SYSTEM	BF	0	0	0.5000
COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION & LIABILITY INFORMATION SYSTEM	CERCLIS	0	0	0.5000
DELISTED NATIONAL PRIORITIES LIST	DNPL	0	0	0.5000
NO FURTHER REMEDIAL ACTION PLANNED SITES	NFRAP	0	0	0.5000
NO LONGER REGULATED RCRA NON-CORRACTS TSD FACILITIES	NLRRCRAT	0	0	0.5000
OPEN DUMP INVENTORY	ODI	0	0	0.5000
RESOURCE CONSERVATION & RECOVERY ACT - TREATMENT, STORAGE & DISPOSAL FACILITIES	RCRAT	0	0	0.5000
DEPARTMENT OF DEFENSE SITES	DOD	0	0	1.0000
FORMERLY USED DEFENSE SITES	FUDS	0	0	1.0000

Database Findings Summary

Database	Acronym	Locatable	Unlocatable	Search Radius (miles)
NO LONGER REGULATED RCRA CORRECTIVE ACTION FACILITIES	NLRRCRAC	0	0	1.0000
NATIONAL PRIORITIES LIST	NPL	0	0	1.0000
PROPOSED NATIONAL PRIORITIES LIST	PNPL	0	0	1.0000
RESOURCE CONSERVATION & RECOVERY ACT - CORRECTIVE ACTION FACILITIES	RCRAC	0	0	1.0000
RECORD OF DECISION SYSTEM	RODS	0	0	1.0000
SUB-TOTAL		0	0	

Database Findings Summary

STATE (TX) LISTING

Database	Acronym	Locatable	Unlocatable	Search Radius (miles)
GROUNDWATER CONTAMINATION CASES	GWCC	0	0	TP/AP
HISTORIC GROUNDWATER CONTAMINATION CASES	HISTGWCC	0	0	TP/AP
TCEQ LIENS	LIENS	0	0	TP/AP
MUNICIPAL SETTING DESIGNATIONS	MSD	0	0	TP/AP
NOTICE OF VIOLATIONS	NOV	0	0	TP/AP
STATE INSTITUTIONAL/ENGINEERING CONTROL SITES	SIEC01	0	0	TP/AP
SPILLS LISTING	SPILLS	0	0	TP/AP
TIER I I CHEMICAL REPORTING PROGRAM FACILITIES	TIERII	1	0	TP/AP
DRY CLEANER REGISTRATION DATABASE	DCR	0	0	0.2500
INDUSTRIAL AND HAZARDOUS WASTE SITES	IHW	2	0	0.2500
PERMITTED INDUSTRIAL HAZARDOUS WASTE SITES	PIHW	0	0	0.2500
PETROLEUM STORAGE TANKS	PST	3	0	0.2500
AFFECTED PROPERTY ASSESSMENT REPORTS	APAR	1	0	0.5000
BROWNFIELDS SITE ASSESSMENTS	BSA	0	0	0.5000
CLOSED & ABANDONED LANDFILL INVENTORY	CALF	0	0	0.5000
DRY CLEANER REMEDIATION PROGRAM SITES	DCRPS	0	0	0.5000
INNOCENT OWNER / OPERATOR DATABASE	IQP	0	0	0.5000
LEAKING PETROLEUM STORAGE TANKS	LPST	8	0	0.5000
MUNICIPAL SOLID WASTE LANDFILL SITES	MSWLF	0	0	0.5000
RAILROAD COMMISSION VCP AND BROWNFIELD SITES	RRCVCP	0	0	0.5000
RADIOACTIVE WASTE SITES	RWS	0	0	0.5000
VOLUNTARY CLEANUP PROGRAM SITES	VCP	1	0	0.5000
RECYCLING FACILITIES	WMRF	0	0	0.5000
INDUSTRIAL AND HAZARDOUS WASTE CORRECTIVE ACTION SITES	IHWCA	1	0	1.0000
STATE SUPERFUND SITES	SF	0	0	1.0000
SUB-TOTAL		17	0	

Database Findings Summary

TRIBAL LISTING

Database	Acronym	Locatable	Unlocatable	Search Radius (miles)
UNDERGROUND STORAGE TANKS ON TRIBAL LANDS	USTR06	0	0	0.2500
LEAKING UNDERGROUND STORAGE TANKS ON TRIBAL LANDS	LUSTR06	0	0	0.5000
OPEN DUMP INVENTORY ON TRIBAL LANDS	ODINDIAN	0	0	0.5000
INDIAN RESERVATIONS	INDIANRES	0	0	1.0000
SUB-TOTAL		0	0	
TOTAL		17	0	

Locatable Database Findings

FEDERAL LISTING

Acronym	Search Radius (miles)	TP/AP (0 - 0.02)	1/8 Mile (> TP/AP)	1/4 Mile (> 1/8)	1/2 Mile (> 1/4)	1 Mile (> 1/2)	> 1 Mile	Total
AIRSAFS	0.0200		NS	NS	NS	NS	NS	0
BRS	0.0200		NS	NS	NS	NS	NS	0
CDL	0.0200		NS	NS	NS	NS	NS	0
DOCKETS	0.0200		NS	NS	NS	NS	NS	0
EC	0.0200		NS	NS	NS	NS	NS	0
ERNSTX	0.0200		NS	NS	NS	NS	NS	0
FRSTX	0.0200		NS	NS	NS	NS	NS	0
HMIRSR06	0.0200		NS	NS	NS	NS	NS	0
ICIS	0.0200		NS	NS	NS	NS	NS	0
ICISNPDES	0.0200		NS	NS	NS	NS	NS	0
LUCIS	0.0200		NS	NS	NS	NS	NS	0
MLTS	0.0200		NS	NS	NS	NS	NS	0
NPDESRO6	0.0200		NS	NS	NS	NS	NS	0
PADS	0.0200		NS	NS	NS	NS	NS	0
PCSR06	0.0200		NS	NS	NS	NS	NS	0
RCRASC	0.0200		NS	NS	NS	NS	NS	0
SFLIENS	0.0200		NS	NS	NS	NS	NS	0
SSTS	0.0200		NS	NS	NS	NS	NS	0
TRI	0.0200		NS	NS	NS	NS	NS	0
TSCA	0.0200		NS	NS	NS	NS	NS	0
NLRRCRAG	0.1250		0	NS	NS	NS	NS	0
RCRAGR06	0.1250		0	NS	NS	NS	NS	0
HISTPST	0.2500		0	0	NS	NS	NS	0
BF	0.5000		0	0	0	NS	NS	0
CERCLIS	0.5000		0	0	0	NS	NS	0
DNPL	0.5000		0	0	0	NS	NS	0
NFRAP	0.5000		0	0	0	NS	NS	0
NLRRCRAT	0.5000		0	0	0	NS	NS	0
ODI	0.5000		0	0	0	NS	NS	0
RCRAT	0.5000		0	0	0	NS	NS	0
DOD	1.0000		0	0	0	0	NS	0
FUDS	1.0000		0	0	0	0	NS	0
NLRRCRAC	1.0000		0	0	0	0	NS	0
NPL	1.0000		0	0	0	0	NS	0
PNPL	1.0000		0	0	0	0	NS	0
RCRAC	1.0000		0	0	0	0	NS	0

Locatable Database Findings

Acronym	Search Radius (miles)	TP/AP (0 - 0.02)	1/8 Mile (> TP/AP)	1/4 Mile (> 1/8)	1/2 Mile (> 1/4)	1 Mile (> 1/2)	> 1 Mile	Total
RODS	1.0000		0	0	0	0	NS	0
SUB-TOTAL			0	0	0	0	0	0

Locatable Database Findings

STATE (TX) LISTING

Acronym	Search Radius (miles)	TP/AP (0 - 0.02)	1/8 Mile (> TP/AP)	1/4 Mile (> 1/8)	1/2 Mile (> 1/4)	1 Mile (> 1/2)	> 1 Mile	Total
GWCC	0.0200		NS	NS	NS	NS	NS	0
HISTGWCC	0.0200		NS	NS	NS	NS	NS	0
LIENS	0.0200		NS	NS	NS	NS	NS	0
MSD	0.0200		NS	NS	NS	NS	NS	0
NOV	0.0200		NS	NS	NS	NS	NS	0
SIEC01	0.0200		NS	NS	NS	NS	NS	0
SPILLS	0.0200		NS	NS	NS	NS	NS	0
TIERII	0.0200	1	NS	NS	NS	NS	NS	1
DCR	0.2500		0	0	NS	NS	NS	0
IHW	0.2500		0	2	NS	NS	NS	2
PIHW	0.2500		0	0	NS	NS	NS	0
PST	0.2500		0	3	NS	NS	NS	3
APAR	0.5000		0	1	0	NS	NS	1
BSA	0.5000		0	0	0	NS	NS	0
CALF	0.5000		0	0	0	NS	NS	0
DCRPS	0.5000		0	0	0	NS	NS	0
IOP	0.5000		0	0	0	NS	NS	0
LPST	0.5000		0	4	4	NS	NS	8
MSWLF	0.5000		0	0	0	NS	NS	0
RRCVCP	0.5000		0	0	0	NS	NS	0
RWS	0.5000		0	0	0	NS	NS	0
VCP	0.5000		0	1	0	NS	NS	1
WMRF	0.5000		0	0	0	NS	NS	0
IHWCA	1.0000		0	0	1	0	NS	1
SF	1.0000		0	0	0	0	NS	0
SUB-TOTAL		1	0	11	5	0	0	17

Locatable Database Findings

TRIBAL LISTING

Acronym	Search Radius (miles)	TP/AP (0 - 0.02)	1/8 Mile (> TP/AP)	1/4 Mile (> 1/8)	1/2 Mile (> 1/4)	1 Mile (> 1/2)	> 1 Mile	Total
USTR06	0.2500		0	0	NS	NS	NS	0
LUSTR06	0.5000		0	0	0	NS	NS	0
ODINDIAN	0.5000		0	0	0	NS	NS	0
INDIANRES	1.0000		0	0	0	0	NS	0
SUB-TOTAL								
			0	0	0	0	0	0

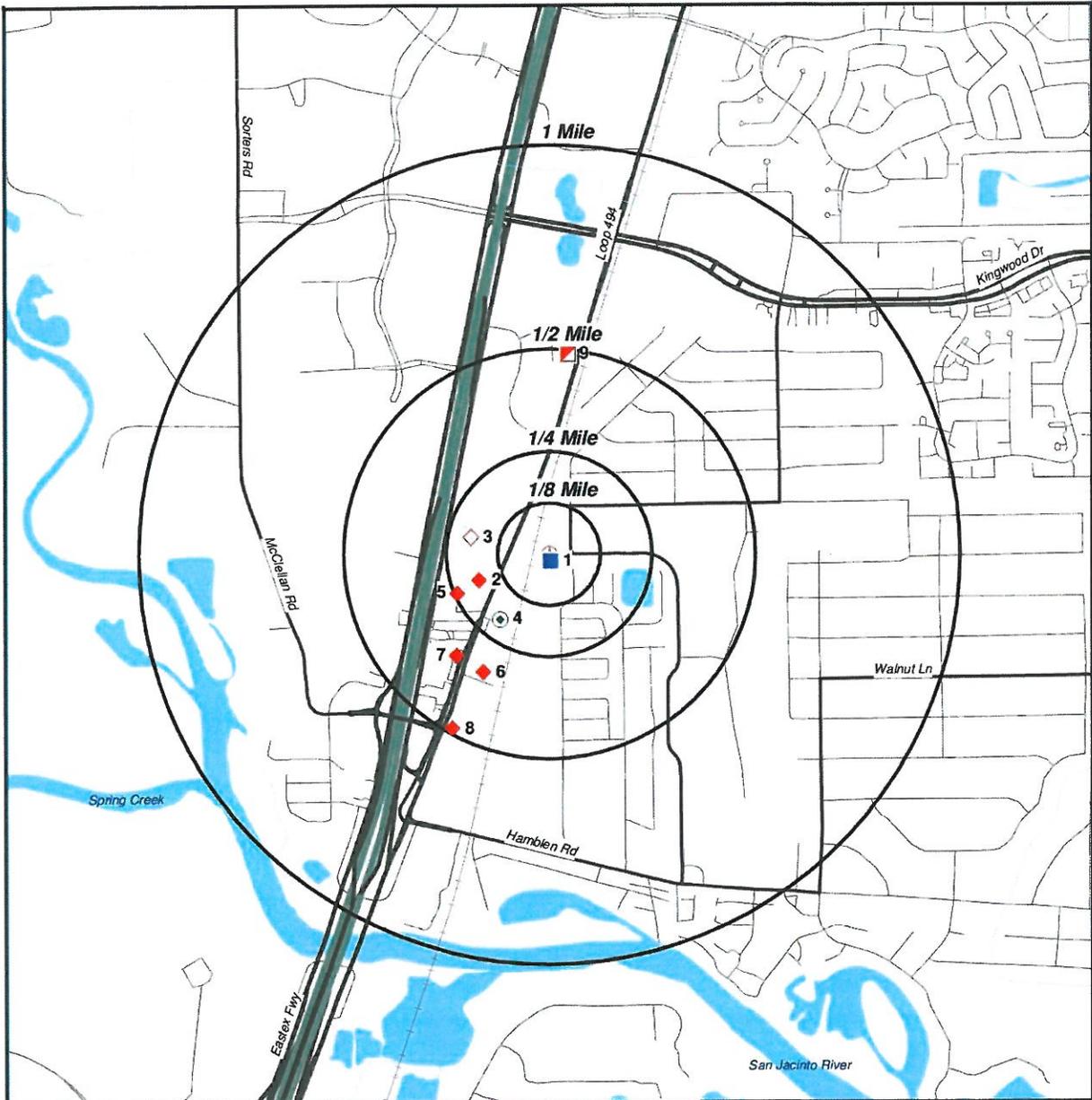
TOTAL		1	0	11	5	0	0	17
--------------	--	---	---	----	---	---	---	----

NOTES:

NS = NOT SEARCHED

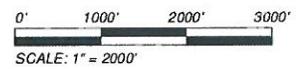
TP/AP = TARGET PROPERTY/ADJACENT PROPERTY

Radius Map 1



- Target Property (TP)
- TIERII
- LPST
- PST
- IHW
- IHWCA

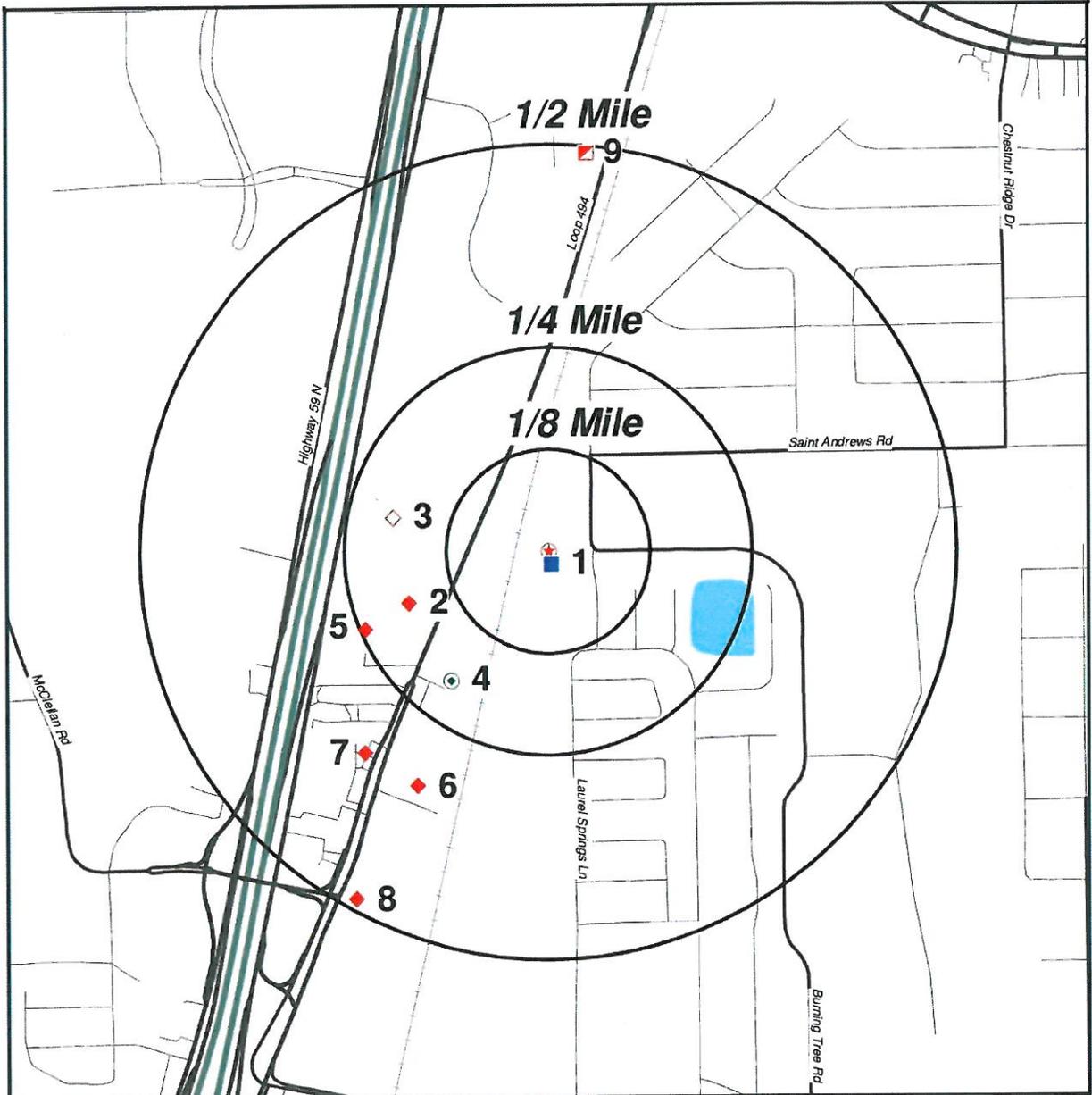
**Water Well No. 5
HOUSTON, Texas
77339**



[Click here to access Satellite view](#)

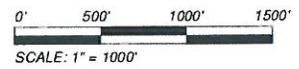
GeoSearch www.geo-search.com 888-396-0042

Radius Map 2



- ⊠ Target Property (TP)
- TIERII
- ◆ LPST
- ◇ PST
- IHW
- ⊠ IHWCA

**Water Well No. 5
HOUSTON, Texas
77339**



[Click here to access Satellite view](#)

GeoSearch www.geo-search.com 888-396-0042

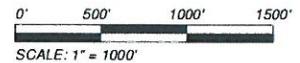
Ortho Map



Image courtesy of USGS Image courtesy of ImagePatch.com Earthstar Geographics SIO © 2014 Microsoft Corporation

-  Target Property (TP)
-  TIERII
-  LPST
-  PST
-  IHW
-  IHWCA

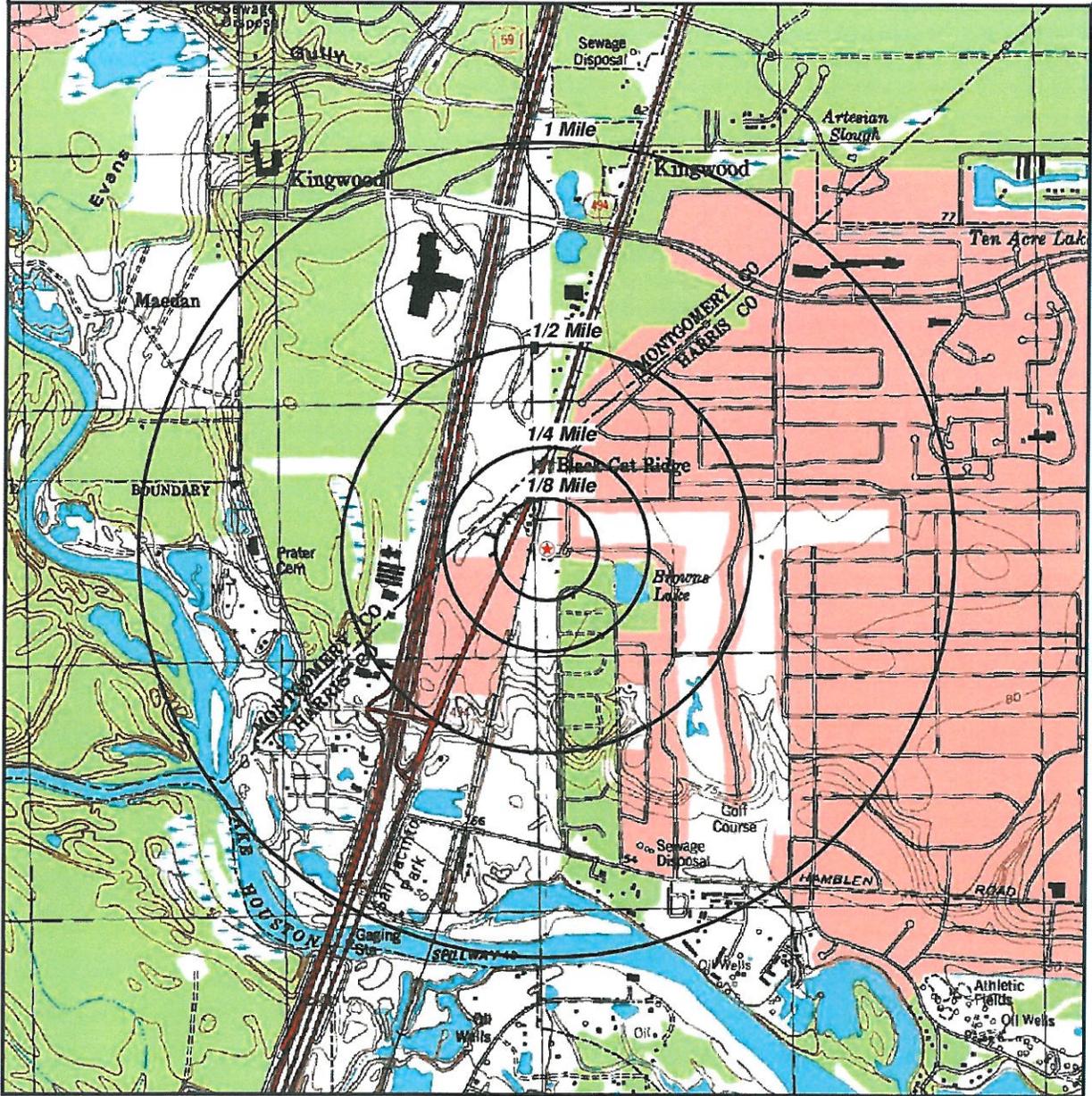
Quadrangle(s): Moonshine Hill
Water Well No. 5
HOUSTON, Texas
77339



[Click here to access Satellite view](#)

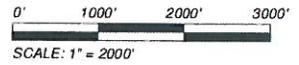
GeoSearch www.geo-search.com 888-396-0042

Topographic Map



★ Target Property (TP)

Quadrangle(s): Moonshine Hill
Water Well No. 5
HOUSTON, Texas
77339



[Click here to access Satellite view](#)

GeoSearch www.geo-search.com 888-396-0042

Report Summary of Locatable Sites

Map ID#	Database Name	Site ID#	Distance From Site	Site Name	Address	City, Zip Code
1	TIERII	3KFND1005AKY	0.016 S	CITY OF HOUSTON LAUREL SPRINGS WATER PLA	1625 LAUREL SPRINGS	HOUSTON, 77339
2	LPST	111756	0.182 W	KINGWOOD CAR WASH	22515 LOOP 494	KINGWOOD, 77339
2	LPST	094255	0.182 W	KINGWOOD CAR WASH	22515 LOOP 494	HUMBLE, 77339
2	PST	31172	0.182 W	FLAGSHIP 494 CARWASH	22515 LOOP 494	KINGWOOD, 77339
2	VCP	1892	0.182 W	FLAGSHIP KINGWOOD CAR WASH	22515 LOOP 494	KINGWOOD, 77339
2	APAR	1892	0.182 W	FLAGSHIP KINGWOOD CAR WASH	22515 LOOP 494	HARRIS, 77339
2	LPST	116603	0.182 W	FLAGSHIP CARWASH KINGWOOD	22515 LOOP 494	KINGWOOD, 77339
3	PST	79265	0.193 W	LOWES OF KINGWOOD TX 0750	22600 EASTEX FWY	HUMBLE, 77339
4	IHW	1159979863	0.197 SW	SULLIVANS ADVANCED PAINT & BODY	22502 LOOP 494	KINGWOOD, 77339
5	PST	59475	0.244 SW	FORMERLY RAY SYKES BUICK DEALER	22500 EASTEX FWY	KINGWOOD, 77339
5	IHW	2880314734	0.244 SW	HAZLEWOODS DODGE COUNTRY	22500 HIGHWAY 59 N	KINGWOOD, 77339
5	LPST	104605	0.244 SW	FORMERLY RAY SYKES BUICK DEALER	22500 EASTEX FWY	HOUSTON, 77339
6	LPST	116462	0.329 SW	KINGWOOD FARMERS MARKET	22310 LOOP 494	HUMBLE, 77339
7	LPST	095107	0.335 SW	STOP N GO MARKETS 1668	2325 LOOP 494	HUMBLE, 77339
8	LPST	092566	0.486 SW	FORMER TENNECO LOCATION 06641	22102 N LOOP 494	KINGWOOD, 77339
8	LPST	093588	0.486 SW	DIAMOND SHAMROCK	22102 N LOOP 494	KINGWOOD, 77339
9	IHWCA	T3036	0.5 N	MASONRY FACILITY	29529 LOOP 494	KINGWOOD, 77339

Tier II Chemical Reporting Program Facilities (TIERII)

MAP ID# 1

Distance from Property: 0.02 mi. S

SITE INFORMATION

UNIQUE ID: 3KFND1005AKY

SITE ID: FATR20123KFND1005AKY

NAME: CITY OF HOUSTON LAUREL SPRINGS WATER PLANT

ADDRESS: 1625 LAUREL SPRINGS
HOUSTON, TX 77339

SIGNED DATE: 2/22/2013

VALIDATION REPORT: NOT REPORTED

MAILING ADDRESS: SEVERN TRENT, 16337 PARK ROW
HOUSTON, TX 77084

SITE DETAILS

SITE TYPE: WATER SUPPLY AND IRRIGATION SYSTEMS

SITE TYPE: WATER SUPPLY AND IRRIGATION SYSTEMS

SITE TYPE: SEWERAGE SYSTEMS

SITE TYPE: WATER SUPPLY AND IRRIGATION SYSTEMS

CHEMICAL LOCATION:

CHLORINE BUILDING 15' SOUTH OF CONTROL BUI

CHEMICAL AMOUNT: NOT REPORTED

CHEMICAL LOCATION:

CHLORINE BUILDING 15' SOUTH OF CONTROL BUILDING

CHEMICAL AMOUNT: NOT REPORTED

CHEMICAL LOCATION:

CHLORINE BUILDING 15' SOUTH OF CONTROL BUILDING

CHEMICAL AMOUNT: NOT REPORTED

CHEMICAL LOCATION:

CHLORINE BUILDING 15' SOUTH OF CONTROL BUILDING

CHEMICAL AMOUNT: NOT REPORTED

CHEMICAL LOCATION:

CHLORINE BUILDING 15' SOUTH OF CONTROL BUILDING

CHEMICAL AMOUNT: NOT REPORTED

CHEMICAL NAME: CHLORINE

MAXIMUM AMOUNT: NOT REPORTED

FIRE: YES GAS: YES LIQUID: NOT REPORTED SOLID: NOT REPORTED

PURE: YES MIXTURE: NOT REPORTED

CHEMICAL NAME: CHLORINE

MAXIMUM AMOUNT: NOT REPORTED

FIRE: YES GAS: YES LIQUID: NOT REPORTED SOLID: NOT REPORTED

PURE: YES MIXTURE: NOT REPORTED

CHEMICAL NAME: CHLORINE

MAXIMUM AMOUNT: NOT REPORTED

FIRE: YES GAS: YES LIQUID: NOT REPORTED SOLID: NOT REPORTED

PURE: YES MIXTURE: NOT REPORTED

CHEMICAL NAME: CHLORINE

MAXIMUM AMOUNT: NOT REPORTED

Tier II Chemical Reporting Program Facilities (TIERII)

FIRE: YES GAS: YES LIQUID: NOT REPORTED SOLID: NOT REPORTED
PURE: YES MIXTURE: NOT REPORTED

[Back to Report Summary](#)

Leaking Petroleum Storage Tanks (LPST)

[MAP ID# 2](#)

Distance from Property: 0.18 mi. W

FACILITY INFORMATION

LPST ID#: 111756 FACILITY ID#: 0031172

REPORTED DATE: NOT REPORTED

NAME: KINGWOOD CAR WASH

ADDRESS: 22515 LOOP 494

KINGWOOD, TX 77339

FACILITY LOCATION: 22515 LOOP 494

PRIORITY CODE: (4.2) NO GROUNDWATER IMPACT, NO APPARENT THREATS OR IMPACTS TO RECEPTORS

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

NO TANK INFORMATION AVAILABLE

PRP INFORMATION

NAME: LOOP 494 JOINT VENTURE

ADDRESS: 1716 MAGNUM STE 350

KINGWOOD, TX 77092

CONTACT: MIKE HLINAK

PHONE: 713/359-2445

[Back to Report Summary](#)

Leaking Petroleum Storage Tanks (LPST)

[MAP ID# 2](#)

Distance from Property: 0.18 mi. W

FACILITY INFORMATION

LPST ID#: 094255 FACILITY ID#: 0031172

REPORTED DATE: 1/5/1990

NAME: KINGWOOD CAR WASH

ADDRESS: 22515 LOOP 494
HUMBLE, TX 77339

FACILITY LOCATION: 22515 LOOP 494

PRIORITY CODE: (4.1) GROUNDWATER IMPACTED, NO APPARENT THREATS OR IMPACTS TO RECEPTORS

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

NO TANK INFORMATION AVAILABLE

PRP INFORMATION

NAME: FIRST INTERSTATE BANK OF TEXAS

ADDRESS: PO BOX 3326

HOUSTON, TX 77019

CONTACT: MIKE WELLS

PHONE: 713/221-4864

[Back to Report Summary](#)

Petroleum Storage Tanks (PST)

MAP ID# 2

Distance from Property: 0.18 mi. W

FACILITY INFORMATION

ID#: 31172
NAME: FLAGSHIP 494 CARWASH
ADDRESS: 22515 LOOP 494
KINGWOOD, TX 77339
COUNTY: HARRIS
REGION: 12
TYPE: RETAIL
BEGIN DATE: 02/01/1985
STATUS: ACTIVE
EXEMPT STATUS: NO
RECORDS OFF-SITE: NO
NUMBER OF ACTIVE UNDERGROUND TANKS: 4
NUMBER OF ACTIVE ABOVEGROUND TANKS: 0

APPLICATION INFORMATION:

RECEIVED DATE ON EARLIEST REGISTRATION FORM: 05/08/1986
SIGNATURE DATE ON EARLIEST REGISTRATION FORM: 05/07/1986
SIGNATURE NAME & TITLE: R J HIEBER, OWNER
ENFORCEMENT ACTION DATE: NOT REPORTED

OWNER

OWNER NUMBER: CN603556077
NAME: J D KEITH PROPERTIES LP
CONTACT ADDRESS: 526 KINGWOOD DR STE 355
KINGWOOD TX 77339

TYPE: ORGANIZATION
BEGIN DATE: 12/22/2005
CONTACT ROLE: OWNCON
CONTACT NAME: JACK KEITH
CONTACT TITLE: PRESIDENT
ORGANIZATION: J D KEITH PROPERTIES LP
PHONE: (281) 3592445
FAX: NOT REPORTED
EMAIL: NOT REPORTED

OPERATOR

OPERATOR NUMBER: CN603556077
NAME: J D KEITH PROPERTIES LP
CONTACT ADDRESS: 526 KINGWOOD DR STE 355
KINGWOOD TX 77339

TYPE: ORGANIZATION
BEGIN DATE: 12/22/2005
CONTACT ROLE: OPRCON
CONTACT NAME: JACK KEITH
CONTACT TITLE: PRESIDENT

CONTACT INFORMATION

NAME: ARCELIO MANZANO
TITLE: MGR
ORGANIZATION: FLAGSHIP 494 CARWASH
MAIL ADDRESS: MAILING ADDRESS NOT REPORTED
CITY NOT REPORTED
PHONE: 281-359-2445

Petroleum Storage Tanks (PST)

ORGANIZATION: J D KEITH PROPERTIES LP

PHONE: (281) 3592445

FAX: NOT REPORTED

EMAIL: NOT REPORTED

SELF-CERTIFICATION

SELF-CERTIFICATION ID: 141998

SIGNATURE DATE: 12/28/2009

SIGNATURE NAME & TITLE: JACK KEITH, PRESIDENT

FILING STATUS: RENEWAL

REGISTRATION FLAG: YES

SELF-CERTIFICATION ID: 141997

SIGNATURE DATE: 01/06/2009

SIGNATURE NAME & TITLE: JACK KEITH, PRES

FILING STATUS: RENEWAL

REGISTRATION FLAG: YES

SELF-CERTIFICATION ID: 141996

SIGNATURE DATE: 01/03/2008

SIGNATURE NAME & TITLE: JACK KEITH, PRES

FILING STATUS: RENEWAL

REGISTRATION FLAG: YES

SELF-CERTIFICATION ID: 141995

SIGNATURE DATE: 01/16/2007

SIGNATURE NAME & TITLE: JACK KEITH, PRESIDENT

FILING STATUS: RENEWAL

REGISTRATION FLAG: YES

SELF-CERTIFICATION ID: 141994

SIGNATURE DATE: 01/11/2006

SIGNATURE NAME & TITLE: JACK KEITH, PRES

FILING STATUS: RENEWAL

REGISTRATION FLAG: YES

SELF-CERTIFICATION ID: 141993

SIGNATURE DATE: 01/10/2006

SIGNATURE NAME & TITLE: JACK KEITH, PRES

FILING STATUS: INITIAL

REGISTRATION FLAG: YES

SELF-CERTIFICATION ID: 141992

SIGNATURE DATE: 03/25/2005

SIGNATURE NAME & TITLE: ARCELIO MONZANO, MANAGER

FILING STATUS: RENEWAL

REGISTRATION FLAG: YES

SELF-CERTIFICATION ID: 141991

SIGNATURE DATE: 03/24/2004

SIGNATURE NAME & TITLE: ARCELIO MANZANO, NOT REPORTED

FILING STATUS: RENEWAL

REGISTRATION FLAG: YES

SELF-CERTIFICATION ID: 141990

SIGNATURE DATE: 05/08/2003

Petroleum Storage Tanks (PST)

SIGNATURE NAME & TITLE: ARCELIO MANZANO, MGR
FILING STATUS: RENEWAL
REGISTRATION FLAG: YES
SELF-CERTIFICATION ID: 141989
SIGNATURE DATE: 03/22/2002
SIGNATURE NAME & TITLE: ARCELIO MANZANO, MGR
FILING STATUS: RENEWAL
REGISTRATION FLAG: YES
SELF-CERTIFICATION ID: 141988
SIGNATURE DATE: 12/29/2001
SIGNATURE NAME & TITLE: ARCELIO A MANZANO, NOT REPORTED
FILING STATUS: INITIAL
REGISTRATION FLAG: YES
SELF-CERTIFICATION ID: 141987
SIGNATURE DATE: 03/01/2001
SIGNATURE NAME & TITLE: RON MCMILLIAN, RM NORTH HOUSTON
FILING STATUS: INITIAL
REGISTRATION FLAG: YES

CONSTRUCTION NOTIFICATION

NO CONSTRUCTION NOTIFICATION DATA REPORTED FOR THIS FACILITY

UNDERGROUND STORAGE TANK

TANK ID: 1	NUMBER OF COMPARTMENTS: 1
INSTALLATION DATE: 02/01/1985	REGISTRATION DATE: 05/08/1986
TANK CAPACITY (GAL): 12000	EMPTY TANK: EMPTY
STATUS: TEMP OUT OF SERVICE	STATUS BEGIN DATE: 01/06/2011
INTERNAL PROTECTION DATE: NOT REPORTED	REGULATORY STATUS: FULLY REGULATED
TANK DESIGN SINGLE WALL: NO	TANK DESIGN DOUBLE WALL: YES
PIPE DESIGN SINGLE WALL: NO	PIPE DESIGN DOUBLE WALL: YES

TANK DETAILS

MATERIAL:

COMPOSITE

CORROSION PROTECTION:

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

EXTERNAL CONTAINMENT:

NOT REPORTED

TANK COMPLIANCE FLAG

CORROSION PROTECTION COMPLIANCE FLAG: YES

CORROSION PROTECTION VARIANCE: NO VARIANCE

COMPARTMENT DETAILS

UST COMPARTMENT ID: 146020

TANK ID: 1

COMPARTMENT LETTER: A

SUBSTANCES: EMPTY

OTHER SUBSTANCES: NOT REPORTED

CAPACITY (GAL): NOT REPORTED

COMPARTMENT RELEASE DETECTION: NOT REPORTED

SPILL CONTAINMENT AND OVERFILL PREVENTION: NOT REPORTED

Petroleum Storage Tanks (PST)

PIPING SYSTEMS

MATERIAL: FRP

CORROSION PROTECTION: FRP TANK OR PIPING (NONCORRODIBLE),NONMETALLIC FLEXIBLE PIPING (NONCORRODIBLE)

EXTERNAL CONTAINMENT: NOT REPORTED

CONNECTORS & VALVES:

NOT REPORTED

CORROSION PROTECTION: FRP TANK OR PIPING (NONCORRODIBLE),NONMETALLIC FLEXIBLE PIPING (NONCORRODIBLE)

PIPE COMPLIANCE FLAG

CORROSION PROTECTION COMPLIANCE FLAG: YES

CORROSION PROTECTION VARIANCE: NO VARIANCE

TANK ID: 2

NUMBER OF COMPARTMENTS: 1

INSTALLATION DATE: 02/01/1985

REGISTRATION DATE: 05/08/1986

TANK CAPACITY (GAL): 12000

EMPTY TANK: EMPTY

STATUS: TEMP OUT OF SERVICE

STATUS BEGIN DATE: 01/06/2011

INTERNAL PROTECTION DATE: NOT REPORTED

REGULATORY STATUS: FULLY REGULATED

TANK DESIGN SINGLE WALL: NO

TANK DESIGN DOUBLE WALL: YES

PIPE DESIGN SINGLE WALL: NO

PIPE DESIGN DOUBLE WALL: YES

TANK DETAILS

MATERIAL:

COMPOSITE

CORROSION PROTECTION:

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

EXTERNAL CONTAINMENT:

NOT REPORTED

TANK COMPLIANCE FLAG

CORROSION PROTECTION COMPLIANCE FLAG: YES

CORROSION PROTECTION VARIANCE: NO VARIANCE

COMPARTMENT DETAILS

UST COMPARTMENT ID: 146021

TANK ID: 2

COMPARTMENT LETTER: A

SUBSTANCES: EMPTY

OTHER SUBSTANCES: NOT REPORTED

CAPACITY (GAL): NOT REPORTED

COMPARTMENT RELEASE DETECTION: NOT REPORTED

SPILL CONTAINMENT AND OVERFILL PREVENTION: NOT REPORTED

PIPING SYSTEMS

MATERIAL: FRP

CORROSION PROTECTION: FRP TANK OR PIPING (NONCORRODIBLE),NONMETALLIC FLEXIBLE PIPING (NONCORRODIBLE)

EXTERNAL CONTAINMENT: NOT REPORTED

CONNECTORS & VALVES:

NOT REPORTED

CORROSION PROTECTION: FRP TANK OR PIPING (NONCORRODIBLE),NONMETALLIC FLEXIBLE PIPING (NONCORRODIBLE)

PIPE COMPLIANCE FLAG

CORROSION PROTECTION COMPLIANCE FLAG: YES

CORROSION PROTECTION VARIANCE: NO VARIANCE

Petroleum Storage Tanks (PST)

TANK ID: 3
INSTALLATION DATE: 02/01/1985
TANK CAPACITY (GAL): 12000
STATUS: **TEMP OUT OF SERVICE**
INTERNAL PROTECTION DATE: **NOT REPORTED**
TANK DESIGN SINGLE WALL: **NO**
PIPE DESIGN SINGLE WALL: **NO**

NUMBER OF COMPARTMENTS: 1
REGISTRATION DATE: 05/08/1986
EMPTY TANK: **EMPTY**
STATUS BEGIN DATE: 01/06/2011
REGULATORY STATUS: **FULLY REGULATED**
TANK DESIGN DOUBLE WALL: **YES**
PIPE DESIGN DOUBLE WALL: **YES**

TANK DETAILS

MATERIAL:

COMPOSITE

CORROSION PROTECTION:

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

EXTERNAL CONTAINMENT:

NOT REPORTED

TANK COMPLIANCE FLAG

CORROSION PROTECTION COMPLIANCE FLAG: **YES**

CORROSION PROTECTION VARIANCE: **NO VARIANCE**

COMPARTMENT DETAILS

UST COMPARTMENT ID: 146023

TANK ID: 3

COMPARTMENT LETTER: A

SUBSTANCES: **EMPTY**

OTHER SUBSTANCES: **NOT REPORTED**

CAPACITY (GAL): **NOT REPORTED**

COMPARTMENT RELEASE DETECTION: **NOT REPORTED**

SPILL CONTAINMENT AND OVERFILL PREVENTION: **NOT REPORTED**

PIPING SYSTEMS

MATERIAL: **FRP**

CORROSION PROTECTION: **FRP TANK OR PIPING (NONCORRODIBLE),NONMETALLIC FLEXIBLE PIPING (NONCORRODIBLE)**

EXTERNAL CONTAINMENT: **NOT REPORTED**

CONNECTORS & VALVES:

NOT REPORTED

CORROSION PROTECTION: **FRP TANK OR PIPING (NONCORRODIBLE),NONMETALLIC FLEXIBLE PIPING (NONCORRODIBLE)**

PIPE COMPLIANCE FLAG

CORROSION PROTECTION COMPLIANCE FLAG: **YES**

CORROSION PROTECTION VARIANCE: **NO VARIANCE**

TANK ID: 4
INSTALLATION DATE: 02/01/1985
TANK CAPACITY (GAL): 12000
STATUS: **TEMP OUT OF SERVICE**
INTERNAL PROTECTION DATE: **NOT REPORTED**
TANK DESIGN SINGLE WALL: **NO**
PIPE DESIGN SINGLE WALL: **NO**

NUMBER OF COMPARTMENTS: 1
REGISTRATION DATE: 05/08/1986
EMPTY TANK: **EMPTY**
STATUS BEGIN DATE: 01/06/2011
REGULATORY STATUS: **FULLY REGULATED**
TANK DESIGN DOUBLE WALL: **YES**
PIPE DESIGN DOUBLE WALL: **YES**

TANK DETAILS

MATERIAL:

Petroleum Storage Tanks (PST)

COMPOSITE

CORROSION PROTECTION:

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

EXTERNAL CONTAINMENT:

NOT REPORTED

TANK COMPLIANCE FLAG

CORROSION PROTECTION COMPLIANCE FLAG: **YES**

CORROSION PROTECTION VARIANCE: **NO VARIANCE**

COMPARTMENT DETAILS

UST COMPARTMENT ID: **146022**

TANK ID: **4**

COMPARTMENT LETTER: **A**

SUBSTANCES: **EMPTY**

OTHER SUBSTANCES: **NOT REPORTED**

CAPACITY (GAL): **NOT REPORTED**

COMPARTMENT RELEASE DETECTION: **NOT REPORTED**

SPILL CONTAINMENT AND OVERFILL PREVENTION: **NOT REPORTED**

PIPING SYSTEMS

MATERIAL: **FRP**

CORROSION PROTECTION: **FRP TANK OR PIPING (NONCORRODIBLE),NONMETALLIC FLEXIBLE PIPING (NONCORRODIBLE)**

EXTERNAL CONTAINMENT: **NOT REPORTED**

CONNECTORS & VALVES:

NOT REPORTED

CORROSION PROTECTION: **FRP TANK OR PIPING (NONCORRODIBLE),NONMETALLIC FLEXIBLE PIPING (NONCORRODIBLE)**

PIPE COMPLIANCE FLAG

CORROSION PROTECTION COMPLIANCE FLAG: **YES**

CORROSION PROTECTION VARIANCE: **NO VARIANCE**

ABOVEGROUND STORAGE TANK INFORMATION

NO ABOVEGROUND STORAGE TANK DATA REPORTED FOR THIS FACILITY

[Back to Report Summary](#)

Voluntary Cleanup Program Sites (VCP)

[MAP ID# 2](#)

Distance from Property: 0.18 mi. W

SITE INFORMATION

ID#: 1892
NAME: FLAGSHIP KINGWOOD CAR WASH
ADDRESS: 22515 LOOP 494
KINGWOOD TEXAS
ACRES: 1.286
FACILITY TYPE: CAR WASH AND LUBE CENTER
APPLICATION DATE: 12/28/2005
DATE OF AGREEMENT: 3/16/2006
CERTIFICATE OF COMPLETION DATE: NOT REPORTED
TYPE OF CERTIFICATE ISSUED: NOT REPORTED
TYPE LEAD: PURCHASER
PHASE: INVESTIGATION
MEDIA AFFECTED: SOILS/GROUNDWATER
TNRCC SOLID WASTE REGISTRATION #: NOT REPORTED
REMEDY: NOT REPORTED
INSTITUTIONAL CONTROL: NOT REPORTED
LPST #: NOT REPORTED
EPA CERCLIS #: NOT REPORTED
EPA RCRIS #: NOT REPORTED
CONTAMINANT/S: VOCS, TPH

APPLICANT INFORMATION

ORGANIZATION: J. D. KEITH PROPERTIES, LP
JACK D., KEITH, PROSPECTIVE BUYER
2302 TRAIL RIVER
KINGWOOD, TX, 77345

PHONE: 281-793-7931

FAX: 281-360-0274

CONSULTANT/ATTORNEY INFORMATION

ORGANIZATION: NOT REPORTED

PHONE: NOT REPORTED

FAX: NOT REPORTED

[Back to Report Summary](#)

Affected Property Assessment Reports (APAR)

MAP ID# 2

Distance from Property: 0.18 mi. W

FACILITY INFORMATION

PROGRAM ID: 1892
REFERENCE NUMBER: RN100535558
FACILITY NAME: FLAGSHIP KINGWOOD CAR WASH
ADDRESS: 22515 LOOP 494
HARRIS, TX 77339
COUNTY: KINGWOOD
LOCATION DESCRIPTION: 22515 LOOP 494
TYPE OF FACILITY: CAR WASH AND LUBE CENTER
FACILITY STATUS: INVESTIG
PROGRAM: VOLUNTARY CLEANUP
PROGRAM STATUS: ACTIVE
APAR RECEIVED DATE: 5/15/08

CONTACTS

KEITH, JAMES

REMEDIATIONS

NO REMEDIATION REPORTED

CATEGORY OF CONTAMINATION

DATE	CONTAMINATIONS:
5/15/08	BTEX
5/15/08	MTBE

[Back to Report Summary](#)

Leaking Petroleum Storage Tanks (LPST)

[MAP ID# 2](#)

Distance from Property: 0.18 mi. W

FACILITY INFORMATION

LPST ID#: 116603 FACILITY ID#: 0031172
REPORTED DATE: 6/2/2005
NAME: FLAGSHIP CARWASH KINGWOOD
ADDRESS: 22515 LOOP 494
KINGWOOD, TX 77339

FACILITY LOCATION: 22515 LOOP 494

PRIORITY CODE: (4.1) GROUNDWATER IMPACTED, NO APPARENT THREATS OR IMPACTS TO RECEPTORS
STATUS CODE: (6A) FINAL CONCURRENCE ISSUED, CASE CLOSED

TANK INFORMATION

TANKID#/TYPE: 1/UST INSTALLED: 02/01/1985 STATUS(DATE): IN USE (NOT REPORTED)
CAPACITY(gal.): 12000 CONTENTS: DIESEL
TANK MATERIAL/CONTAINMENT: COMPOSITE (STEEL W/EXTERNAL FRP CLADDING) / FACTORY-BUILT NONMETALLIC JACKET
PIPE MATERIAL/CONTAINMENT: FRP(FIBERGLASS-REINFORCED PLASTIC) / DOUBLE WALL
TANK/PIPE RELEASE DETECTION:
SIR (STAT. INVENTORY RECONCILIATION) & INVENTORY / AUTO. LINE LEAK DETECTOR (3.0 GPH FOR PRESSURE PIPING)
TANK/PIPE CORROSION PROTECTION:
FRP TANK OR PIPING (NONCORRODIBLE) / NONMETALLIC FLEXIBLE PIPING
SPILL/OVERFILL PROTECTION: AUTO. FLOW RESTRICTOR VALVE

[Back to Report Summary](#)

Petroleum Storage Tanks (PST)

MAP ID# 3

Distance from Property: 0.19 mi. W

FACILITY INFORMATION

ID#: 79265
NAME: **LOWES OF KINGWOOD TX 0750**
ADDRESS: **22600 EASTEX FWY**
HUMBLE, TX 77339
COUNTY: **HARRIS**
REGION: **12**
TYPE: **RETAIL**
BEGIN DATE: **12/02/1999**
STATUS: **ACTIVE**
EXEMPT STATUS: **NO**
RECORDS OFF-SITE: **NO**
NUMBER OF ACTIVE UNDERGROUND TANKS: **0**
NUMBER OF ACTIVE ABOVEGROUND TANKS: **1**

APPLICATION INFORMATION:

RECEIVED DATE ON EARLIEST REGISTRATION FORM: **04/16/2008**
SIGNATURE DATE ON EARLIEST REGISTRATION FORM: **04/11/2008**
SIGNATURE NAME & TITLE: **W LAYNE ADAMS, VP RETAIL FAC MGMT**
ENFORCEMENT ACTION DATE: **NOT REPORTED**

OWNER

OWNER NUMBER: **CN601551385**
NAME: **LOWES HOME CENTERS INC**
CONTACT ADDRESS: **PO BOX 1111**
NORTH WILKESBORO NC 28656
TYPE: **CORPORATION/COMPANY**
BEGIN DATE: **12/02/1999**
CONTACT ROLE: **OWNCON**
CONTACT NAME: **TIM COOKSEY**
CONTACT TITLE: **COMP MGR**
ORGANIZATION: **LOWES HOME CENTERS INC**
PHONE: **(336) 6684622**
FAX: **NOT REPORTED**
EMAIL: **NOT REPORTED**

OPERATOR

OPERATOR NUMBER: **CN601551385**
NAME: **LOWES HOME CENTERS INC**
CONTACT ADDRESS: **PO BOX 1111**
NORTH WILKESBORO NC 28656
TYPE: **CORPORATION/COMPANY**
BEGIN DATE: **12/02/1999**
CONTACT ROLE: **OPRCON**
CONTACT NAME: **TIM L COOKSEY**
CONTACT TITLE: **NOT REPORTED**

CONTACT INFORMATION

NAME: **NOT REPORTED**
TITLE: **NOT REPORTED**
ORGANIZATION: **LOWES OF KINGWOOD TX 0750**
MAIL ADDRESS: **MAILING ADDRESS NOT REPORTED**
CITY NOT REPORTED
PHONE: **281-359-0002**

Petroleum Storage Tanks (PST)

ORGANIZATION: **LOWES HOME CENTERS INC**

PHONE: (336) 6684622

FAX: **NOT REPORTED**

EMAIL: **NOT REPORTED**

SELF-CERTIFICATION

-NO SELF-CERTIFICATION INFORMATION REPORTED-

CONSTRUCTION NOTIFICATION

NO CONSTRUCTION NOTIFICATION DATA REPORTED FOR THIS FACILITY

UNDERGROUND STORAGE TANK

NO UNDERGROUND STORAGE TANK DATA REPORTED FOR THIS FACILITY

ABOVEGROUND STORAGE TANK INFORMATION

AST ID #: **209912** MULTIPLE COMPARTMENT FLAG: **NO**

TANK ID: **075001** REGISTRATION DATE: **05/12/2008**

INSTALLATION DATE: **12/02/1999** STATUS BEGIN DATE: **12/02/1999**

TANK CAPACITY (GAL): **1500** REGULATORY STATUS: **FULLY REGULATED**

STATUS: **IN USE** SUBSTANCES: **DIESEL**

MATERIAL OF CONSTRUCTION

STEEL: **YES** CORRUGATED METAL: **NO**

FIBERGLASS: **NO** CONCRETE: **NO**

ALUMINIUM: **NO**

CONTAINMENT

EARTHEN DIKE: **NO** CONCRETE: **NO**

CONTAINMENT LINER: **NO** NONE: **NO**

STAGE I VAPOR RECOVERY: **NOT REPORTED**

STAGE I INSTALLATION DATE: **NOT REPORTED**

[Back to Report Summary](#)

Industrial and Hazardous Waste Sites (IHW)

[MAP ID# 4](#)

Distance from Property: 0.20 mi. SW

FACILITY INFORMATION

REGISTRATION#: 82163 EPA ID: TXD988084448

TNRCC ID #: 37328

NAME: SULLIVANS ADVANCED PAINT & BODY

ADDRESS: 22502 LOOP 494

KINGWOOD, TX 77339

CONTACT: DANNY SULLIVAN

PHONE: 713-3593598

BUSINESS DESCRIPTION: AUTOMOTIVE REPAIR/AUTO BODY REPAIR. THIS REGISTRATION WAS INACTIVATED BECAUSE THE FACILITY WAS REGISTERED PRIOR TO 1995 AND NO WASTE ACTIVITY WAS REPORTED IN 95

INDUSTRIAL WASTE PERMIT #: NOT REPORTED

MUNICIPAL WASTE PERMIT #: NOT REPORTED

SIC CODE: NOT REPORTED

WASTE GENERATOR: YES

WASTE RECEIVER: NO

WASTE TRANSPORTER: NO

TRANSFER FACILITY: NO

MAQUILADORA (MEXICAN FACILITY): NO

STATUS: INACTIVE

AMOUNT OF WASTE GENERATED: CONDITIONALLY EXEMPT SMALL QUANTITY GENERATOR

GENERATOR TYPE: NON INDUS

THIS FACILITY IS A NOTIFIER

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

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

THIS FACILITY IS NOT INVOLVED IN RECYCLING ACTIVITIES

LAST UPDATE TO TRACS (TCEQ REGULATORY ACTIVITIES AND COMPLIANCE SYSTEM): 10/06/1998

ACTIVITIES

ACTIVITY TYPE: UNKNOWN

ACTIVITY DESCRIPTION: NOT REPORTED

WASTE

WASTE ID: 83032

WASTE CODE STATUS: INACTIVE

WASTE IS RADIOACTIVE: NO

WASTE IS TREATED OFF SITE: YES

GENERATOR'S DESCRIPTION OF WASTE: PAINT WASTE RELATED MATERIAL FROM AUTOMOTIVE REFINISHING - FLAMABLE.

WASTE IS A

[Back to Report Summary](#)

Petroleum Storage Tanks (PST)

MAP ID# 5

Distance from Property: 0.24 mi. SW

FACILITY INFORMATION

ID#: 59475
NAME: FORMERLY RAY SYKES BUICK DEALER
ADDRESS: 22500 EASTEX FWY
KINGWOOD, TX 77339
COUNTY: MONTGOMERY
REGION: 12
TYPE: NOT REPORTED
BEGIN DATE: 08/24/1991
STATUS: INACTIVE
EXEMPT STATUS: NO
RECORDS OFF-SITE: NO
NUMBER OF ACTIVE UNDERGROUND TANKS: 0
NUMBER OF ACTIVE ABOVEGROUND TANKS: 0

APPLICATION INFORMATION:

RECEIVED DATE ON EARLIEST REGISTRATION FORM: 08/20/1991
SIGNATURE DATE ON EARLIEST REGISTRATION FORM: 08/14/1991
SIGNATURE NAME & TITLE: JAMES E HIBBERT, SR VP
ENFORCEMENT ACTION DATE: NOT REPORTED

OWNER

OWNER NUMBER: CN601323199
NAME: TEXAS COMMERCE BANK
CONTACT ADDRESS: OWNER ADDRESS NOT REPORTED
CITY NOT REPORTED
TYPE: CORPORATION/COMPANY
BEGIN DATE: 08/24/1991
CONTACT ROLE: NOT REPORTED
CONTACT NAME: NOT REPORTED
CONTACT TITLE: NOT REPORTED
ORGANIZATION: NOT REPORTED
PHONE: NOT REPORTED
FAX: NOT REPORTED
EMAIL: NOT REPORTED

OPERATOR

NO OPERATOR INFORMATION REPORTED

SELF-CERTIFICATION

-NO SELF-CERTIFICATION INFORMATION REPORTED-

CONSTRUCTION NOTIFICATION

NO CONSTRUCTION NOTIFICATION DATA REPORTED FOR THIS FACILITY

UNDERGROUND STORAGE TANK

TANK ID: 1
INSTALLATION DATE: 03/01/1984
TANK CAPACITY (GAL): 6000
NUMBER OF COMPARTMENTS: 1
REGISTRATION DATE: 08/20/1991
EMPTY TANK: NOT EMPTY

CONTACT INFORMATION

NAME: NOT REPORTED
TITLE: NOT REPORTED
ORGANIZATION: NOT REPORTED
MAIL ADDRESS: MAILING ADDRESS NOT REPORTED
CITY NOT REPORTED
PHONE: NOT- RE-PORT

Petroleum Storage Tanks (PST)

STATUS: **REMOVED FROM GROUND** STATUS BEGIN DATE: **11/20/1991**
INTERNAL PROTECTION DATE: **NOT REPORTED** REGULATORY STATUS: **FULLY REGULATED**
TANK DESIGN SINGLE WALL: **NO** TANK DESIGN DOUBLE WALL: **NO**
PIPE DESIGN SINGLE WALL: **NO** PIPE DESIGN DOUBLE WALL: **NO**

TANK DETAILS

MATERIAL:

STEEL

CORROSION PROTECTION:

NOT REPORTED

EXTERNAL CONTAINMENT:

NOT REPORTED

TANK COMPLIANCE FLAG

CORROSION PROTECTION COMPLIANCE FLAG: **NO**

CORROSION PROTECTION VARIANCE: **NO VARIANCE**

COMPARTMENT DETAILS

UST COMPARTMENT ID: **115538**

TANK ID: **1**

COMPARTMENT LETTER: **A**

SUBSTANCES: **GASOLINE**

OTHER SUBSTANCES: **NOT REPORTED**

CAPACITY (GAL): **6000**

COMPARTMENT RELEASE DETECTION: **NOT REPORTED**

SPILL CONTAINMENT AND OVERFILL PREVENTION: **NOT REPORTED**

PIPING SYSTEMS

MATERIAL: **STEEL**

CORROSION PROTECTION: **NOT REPORTED**

EXTERNAL CONTAINMENT: **NOT REPORTED**

CONNECTORS & VALVES:

NOT REPORTED

CORROSION PROTECTION: **NOT REPORTED**

PIPE COMPLIANCE FLAG

CORROSION PROTECTION COMPLIANCE FLAG: **NO**

CORROSION PROTECTION VARIANCE: **NO VARIANCE**

TANK ID: **2**

INSTALLATION DATE: **03/01/1984**

TANK CAPACITY (GAL): **2000**

STATUS: **REMOVED FROM GROUND**

INTERNAL PROTECTION DATE: **NOT REPORTED**

TANK DESIGN SINGLE WALL: **NO**

PIPE DESIGN SINGLE WALL: **NO**

NUMBER OF COMPARTMENTS: **1**

REGISTRATION DATE: **08/20/1991**

EMPTY TANK: **NOT EMPTY**

STATUS BEGIN DATE: **11/20/1991**

REGULATORY STATUS: **FULLY REGULATED**

TANK DESIGN DOUBLE WALL: **NO**

PIPE DESIGN DOUBLE WALL: **NO**

TANK DETAILS

MATERIAL:

STEEL

CORROSION PROTECTION:

NOT REPORTED

Petroleum Storage Tanks (PST)

EXTERNAL CONTAINMENT:

NOT REPORTED

TANK COMPLIANCE FLAG

CORROSION PROTECTION COMPLIANCE FLAG: **NO**

CORROSION PROTECTION VARIANCE: **NO VARIANCE**

COMPARTMENT DETAILS

UST COMPARTMENT ID: **115539**

TANK ID: **2**

COMPARTMENT LETTER: **A**

SUBSTANCES: **USED OIL**

OTHER SUBSTANCES: **NOT REPORTED**

CAPACITY (GAL): **2000**

COMPARTMENT RELEASE DETECTION: **NOT REPORTED**

SPILL CONTAINMENT AND OVERFILL PREVENTION: **NOT REPORTED**

PIPING SYSTEMS

MATERIAL: **STEEL**

CORROSION PROTECTION: **NOT REPORTED**

EXTERNAL CONTAINMENT: **NOT REPORTED**

CONNECTORS & VALVES:

NOT REPORTED

CORROSION PROTECTION: **NOT REPORTED**

PIPE COMPLIANCE FLAG

CORROSION PROTECTION COMPLIANCE FLAG: **NO**

CORROSION PROTECTION VARIANCE: **NO VARIANCE**

ABOVEGROUND STORAGE TANK INFORMATION

NO ABOVEGROUND STORAGE TANK DATA REPORTED FOR THIS FACILITY

[Back to Report Summary](#)

Industrial and Hazardous Waste Sites (IHW)

MAP ID# 5

Distance from Property: 0.24 mi. SW

FACILITY INFORMATION

REGISTRATION#: 82568 EPA ID: TX0000272674

TNRCC ID #: 98588

NAME: HAZLEWOODS DODGE COUNTRY

ADDRESS: 22500 HIGHWAY 59 N
KINGWOOD, TX 77339

CONTACT: GREG HAZLEWOOD

PHONE: 281-3597100

BUSINESS DESCRIPTION: NEW & USED CAR SALES

INDUSTRIAL WASTE PERMIT #: NOT REPORTED

MUNICIPAL WASTE PERMIT #: NOT REPORTED

SIC CODE: NOT REPORTED

WASTE GENERATOR: YES

WASTE RECEIVER: NO

WASTE TRANSPORTER: NO

TRANSFER FACILITY: NO

MAQUILADORA (MEXICAN FACILITY): NO

STATUS: CLOSED

AMOUNT OF WASTE GENERATED: CONDITIONALLY EXEMPT SMALL QUANTITY GENERATOR

GENERATOR TYPE: NON INDUS

THIS FACILITY IS A NOTIFIER

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

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

THIS FACILITY IS NOT INVOLVED IN RECYCLING ACTIVITIES

LAST UPDATE TO TRACS (TCEQ REGULATORY ACTIVITIES AND COMPLIANCE SYSTEM): 10/27/2004

ACTIVITIES

ACTIVITY TYPE: UNKNOWN

ACTIVITY DESCRIPTION: NOT REPORTED

WASTE

WASTE ID: 92842

WASTE CODE STATUS: INACTIVE

WASTE IS RADIOACTIVE: NO

WASTE IS TREATED OFF SITE: YES

GENERATOR'S DESCRIPTION OF WASTE: MINERAL SPIRITS; 3/94

WASTE ID: 92843

WASTE CODE STATUS: INACTIVE

WASTE IS RADIOACTIVE: NO

WASTE IS TREATED OFF SITE: YES

GENERATOR'S DESCRIPTION OF WASTE: IMMERSION CLEANER; 3/94

WASTE ID: 163934

WASTE CODE STATUS: INACTIVE

WASTE IS RADIOACTIVE: NO

WASTE IS TREATED OFF SITE: YES

Industrial and Hazardous Waste Sites (IHW)

GENERATOR'S DESCRIPTION OF WASTE: **AQUEOUS BRAKE SOLUTION/USED TO CLEAN BRAKE DUST FROM BRAKING SYSTEMS ON AUTOMOBILI**

WASTE ID: **92845**

WASTE CODE STATUS: **INACTIVE**

WASTE IS RADIOACTIVE: **NO**

WASTE IS TREATED OFF SITE: **YES**

GENERATOR'S DESCRIPTION OF WASTE: **USED OIL; 3/94**

WASTE ID: **92844**

WASTE CODE STATUS: **INACTIVE**

WASTE IS RADIOACTIVE: **NO**

WASTE IS TREATED OFF SITE: **YES**

GENERATOR'S DESCRIPTION OF WASTE: **USED OIL FILTERS; 3/94**

[Back to Report Summary](#)

Leaking Petroleum Storage Tanks (LPST)

[MAP ID# 5](#)

Distance from Property: 0.24 mi. SW

FACILITY INFORMATION

LPST ID#: 104605 FACILITY ID#: 0059475

REPORTED DATE: 8/17/1992

NAME: FORMERLY RAY SYKES BUICK DEALER

ADDRESS: 22500 EASTEX FWY
HOUSTON, TX 77339

FACILITY LOCATION: 22500 EASTEX FWY

PRIORITY CODE: (5) MINOR SOIL CONTAMINATION - DOES NOT REQUIRE A REMEDIAL ACTION PLAN (RAP)

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

TANK INFORMATION

TANKID#/TYPE: 1/UST INSTALLED: 03/01/1984

CAPACITY(gal.): 6000 CONTENTS: GASOLINE

TANK MATERIAL/CONTAINMENT: STEEL / NOT REPORTED

PIPE MATERIAL/CONTAINMENT: STEEL / NOT REPORTED

TANK/PIPE RELEASE DETECTION:

NOT REPORTED / NOT REPORTED

TANK/PIPE CORROSION PROTECTION:

NOT REPORTED / NOT REPORTED

SPILL/OVERFILL PROTECTION: NOT REPORTED

PRP INFORMATION

NAME: TEXAS COMMERCE BANKSHARES INC

ADDRESS: PO BOX 2558

HOUSTON, TX 77252

CONTACT: DEBRA PETTERSON

PHONE: 713/236-5150

STATUS(DATE): REMOVED FROM GROUND (11/20/1991)

[Back to Report Summary](#)

Leaking Petroleum Storage Tanks (LPST)

[MAP ID# 6](#)

Distance from Property: 0.33 mi. SW

FACILITY INFORMATION

LPST ID#: 116462 FACILITY ID#: 0061865

REPORTED DATE: 10/4/2004

NAME: KINGWOOD FARMERS MARKET

ADDRESS: 22310 LOOP 494

HUMBLE, TX 77339

FACILITY LOCATION: 22310 LOOP 494

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

STATUS CODE: (2) SITE ASSESSMENT

NO TANK INFORMATION AVAILABLE

PRP INFORMATION

NAME: KINGWOOD FARMERS MARKET

ADDRESS: 22310 LOOP 494

KINGWOOD, TX 77339

CONTACT: DANNY SULLIVAN

PHONE: 713/826-8098

[Back to Report Summary](#)

Leaking Petroleum Storage Tanks (LPST)

MAP ID# 7

Distance from Property: 0.34 mi. SW

FACILITY INFORMATION

LPST ID#: 095107 FACILITY ID#: 0039778

REPORTED DATE: 2/27/1990

NAME: STOP N GO MARKETS 1668

ADDRESS: 2325 LOOP 494

HUMBLE, TX 77339

FACILITY LOCATION: 2325 LOOP 494

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

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

TANK INFORMATION

TANKID#/TYPE: 1/UST INSTALLED: 10/01/1983

STATUS(DATE): IN USE (NOT REPORTED)

CAPACITY(gal.): 12000 CONTENTS: GASOLINE

TANK MATERIAL/CONTAINMENT: STEEL / SINGLE WALL

PIPE MATERIAL/CONTAINMENT: STEEL / SINGLE WALL

TANK/PIPE RELEASE DETECTION:

NOT REPORTED / AUTO. LINE LEAK DETECTOR (3.0 GPH FOR PRESSURE PIPING)

TANK/PIPE CORROSION PROTECTION:

CATHODIC PROTECTION - FIELD INSTALLATION / CATHODIC PROTECTION - FIELD INSTALLATION

SPILL/OVERFILL PROTECTION: AUTO. HIGHT LEVEL ARLARM WITH 3 OR 4

[Back to Report Summary](#)

Leaking Petroleum Storage Tanks (LPST)

[MAP ID# 8](#)

Distance from Property: 0.49 mi. SW

FACILITY INFORMATION

LPST ID#: 092566 FACILITY ID#: 0017913

REPORTED DATE: 2/2/1989

NAME: FORMER TENNECO LOCATION 06641

ADDRESS: 22102 N LOOP 494

KINGWOOD, TX 77339

FACILITY LOCATION: 22102 N LOOP 494

PRIORITY CODE: (3.3) GROUNDWATER IMPACT, NON-PUBLIC/NON-DOMESTIC H2O SUPPLY WELL W/IN 0.25 MILES

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

NO TANK INFORMATION AVAILABLE

PRP INFORMATION

NAME: TENNECO OIL INC

ADDRESS: 2467 S WINDY HILL RD

MARIETTA, GA 30067

CONTACT: DAN WATERS

PHONE: 404/421-6190

[Back to Report Summary](#)

Leaking Petroleum Storage Tanks (LPST)

MAP ID# 8

Distance from Property: 0.49 mi. SW

FACILITY INFORMATION

LPST ID#: 093588 FACILITY ID#: 0017913

REPORTED DATE: 9/8/1989

NAME: DIAMOND SHAMROCK

ADDRESS: 22102 N LOOP 494

KINGWOOD, TX 77339

FACILITY LOCATION: 22102 N LOOP 494

PRIORITY CODE: (2A) GROUNDWATER OTHER THAN DRINKING WATER AQUIFER, SITE CHARACTERIZATION INCOMPLETE

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

TANK INFORMATION

TANKID#/TYPE: 066-4/UST

INSTALLED: 01/01/1978

STATUS(DATE): REMOVED FROM GROUND

(02/21/1996)

CAPACITY(gal.): 10000 CONTENTS: DIESEL

TANK MATERIAL/CONTAINMENT: STEEL / SINGLE WALL

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

TANK/PIPE RELEASE DETECTION:

NOT REPORTED / AUTO. LINE LEAK DETECTOR (3.0 GPH FOR PRESSURE PIPING)

TANK/PIPE CORROSION PROTECTION:

FRP TANK OR PIPING (NONCORRODIBLE) / FRP TANK OR PIPING (NONCORRODIBLE)

SPILL/OVERFILL PROTECTION: FACTORY/BUILT SPILL CONTAINER/BUCKET/SUMP

PRP INFORMATION

NAME: DIAMOND SHAMROCK REF & MKTG CO

ADDRESS: PO BOX 696000

SAN ANTONIO, TX 78269

CONTACT: TIM GEORGE

PHONE: 210/641-8869

[Back to Report Summary](#)

Industrial and Hazardous Waste Corrective Action Sites (IHWCA)

MAP ID# 9

Distance from Property: 0.50 mi. N

PROGRAM ID: T3036

RN NUMBER: RN106540495

NAME: MASONRY FACILITY

ADDRESS: 29529 LOOP 494

KINGWOOD, TX 77339

STATUS: INACTIVE

STATUS DATE: 3/4/13

LOCATION DESCRIPTION:

29529 LOOP 494

[Back to Report Summary](#)

Environmental Records Definitions - FEDERAL

AIRSAFS Aerometric Information Retrieval System / Air Facility Subsystem

VERSION DATE: 08/01/12

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

BRS Biennial Reporting System

VERSION DATE: 12/31/11

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

CDL Clandestine Drug Laboratory Locations

VERSION DATE: 09/06/13

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

DOCKETS EPA Docket Data

VERSION DATE: 12/22/05

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

EC Federal Engineering Institutional Control Sites

VERSION DATE: 01/14/14

This database includes site locations where Engineering and/or Institutional Controls have been identified as part

GeoSearch www.geo-search.com 888-396-0042

Environmental Records Definitions - FEDERAL

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

ERNSTX Emergency Response Notification System

VERSION DATE: 12/31/12

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

FRSTX Facility Registry System

VERSION DATE: 08/04/13

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

HMIRSR06 Hazardous Materials Incident Reporting System

VERSION DATE: 01/10/14

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

ICIS Integrated Compliance Information System (formerly DOCKETS)

VERSION DATE: 08/01/12

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

Environmental Records Definitions - FEDERAL

ICISNPDES Integrated Compliance Information System National Pollutant Discharge Elimination System

VERSION DATE: 08/01/12

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

LUCIS Land Use Control Information System

VERSION DATE: 09/01/06

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

MLTS Material Licensing Tracking System

VERSION DATE: 01/30/13

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

NPDES06 National Pollutant Discharge Elimination System

VERSION DATE: 04/01/07

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

PADS PCB Activity Database System

VERSION DATE: 06/01/13

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

PCSR06 Permit Compliance System

VERSION DATE: 08/01/12

The Permit Compliance System is used in tracking enforcement status and permit compliance of facilities

GeoSearch www.geo-search.com 888-396-0042

Environmental Records Definitions - FEDERAL

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

RCRASC RCRA Sites with Controls

VERSION DATE: 01/14/14

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

SFLIENS CERCLIS Liens

VERSION DATE: 06/08/12

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

SSTS Section Seven Tracking System

VERSION DATE: 12/31/09

The United States Environmental Protection Agency tracks information on pesticide establishments through the Section Seven Tracking System (SSTS). SSTS records the registration of new establishments and records pesticide production at each establishment. The Federal Insecticide, Fungicide and Rodenticide Act (FIFRA) requires that production of pesticides or devices be conducted in a registered pesticide-producing or device-producing establishment. ("Production" includes formulation, packaging, repackaging, and relabeling.)

TRI Toxics Release Inventory

VERSION DATE: 12/31/12

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

TSCA Toxic Substance Control Act Inventory

VERSION DATE: 12/31/06

GeoSearch www.geo-search.com 888-396-0042

Environmental Records Definitions - FEDERAL

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

NLRRCRAG

No Longer Regulated RCRA Generator Facilities

VERSION DATE: 04/10/14

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

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

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

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

RCRAGR06

Resource Conservation & Recovery Act - Generator Facilities

VERSION DATE: 04/10/14

This database includes sites listed as generators of hazardous waste (large, small, and exempt) in the RCRAInfo system. The United States Environmental Protection Agency defines RCRAInfo as the comprehensive information system which provides access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRAInfo replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS)

Environmental Records Definitions - FEDERAL

and the Biennial Reporting System (BRS). This database includes sites located in EPA Region 6. This region includes the following states: Arkansas, Louisiana, New Mexico, Oklahoma, and Texas.

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

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

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

HISTPST Historical Gas Stations

VERSION DATE: 07/01/30

This historic directory of service stations is provided by the Cities Service Company. The directory includes Cities Service filling stations that were located throughout the United States in 1930.

BF Brownfields Management System

VERSION DATE: 04/15/14

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. The United States Environmental Protection Agency maintains this database to track activities in the various brown field grant programs including grantee assessment, site cleanup and site redevelopment.

CERCLIS Comprehensive Environmental Response, Compensation & Liability Information System

VERSION DATE: 10/25/13

CERCLIS is the repository for site and non-site specific Superfund information in support of the Comprehensive

GeoSearch www.geo-search.com 888-396-0042

Environmental Records Definitions - FEDERAL

Environmental Response, Compensation and Liability Act (CERCLA). This United States Environmental Protection Agency database contains an extract of sites that have been investigated or are in the process of being investigated for potential environmental risk.

DNPL Delisted National Priorities List

VERSION DATE: 10/25/13

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

NFRAP No Further Remedial Action Planned Sites

VERSION DATE: 10/25/13

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

NLRRCRAT No Longer Regulated RCRA Non-CORRACTS TSD Facilities

VERSION DATE: 04/10/14

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

ODI Open Dump Inventory

VERSION DATE: 06/01/85

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

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

VERSION DATE: 04/10/14

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

GeoSearch www.geo-search.com 888-396-0042

Environmental Records Definitions - FEDERAL

1984. RCRAInfo replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS) and the Biennial Reporting System (BRS).

DOD Department of Defense Sites

VERSION DATE: 12/01/05

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

FUDS Formerly Used Defense Sites

VERSION DATE: 02/01/13

The 2011 Formerly Used Defense Sites (FUDS) inventory includes properties previously owned by or leased to the United States and under Secretary of Defense Jurisdiction, as well as Munitions Response Areas (MRAs). The remediation of these properties is the responsibility of the Department of Defense. This data is provided by the U.S. Army Corps of Engineers (USACE), the boundaries/polygon data are based on preliminary findings and not all properties currently have polygon data available. **DISCLAIMER:** This data represents the results of data collection/processing for a specific USACE activity and is in no way to be considered comprehensive or to be used in any legal or official capacity as presented on this site. While the USACE has made a reasonable effort to insure the accuracy of the maps and associated data, it should be explicitly noted that USACE makes no warranty, representation or guaranty, either expressed or implied, as to the content, sequence, accuracy, timeliness or completeness of any of the data provided herein. For additional information on Formerly Used Defense Sites please contact the USACE Public Affairs Office at (202) 528-4285.

NLRRCRAC No Longer Regulated RCRA Corrective Action Facilities

VERSION DATE: 04/10/14

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

NPL National Priorities List

VERSION DATE: 10/25/13

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

PNPL Proposed National Priorities List

VERSION DATE: 10/25/13

This database contains sites proposed to be included on the National Priorities List (NPL) in the Federal Register.

GeoSearch www.geo-search.com 888-396-0042

Environmental Records Definitions - FEDERAL

The United States Environmental Protection Agency investigates these sites to determine if they may present long-term threats to public health or the environment.

RCRAC Resource Conservation & Recovery Act - Corrective Action Facilities

VERSION DATE: 04/10/14

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

RODS Record of Decision System

VERSION DATE: 07/01/13

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

Environmental Records Definitions - STATE (TX)

GWCC Groundwater Contamination Cases

VERSION DATE: 12/31/12

This report contains a listing of groundwater contamination cases which were documented for the 2012 calendar year. Texas Water Code, Section 26.406 requires the annual report to describe the current status of groundwater monitoring activities conducted or required by each agency at regulated facilities or associated with regulated activities. The agencies reporting these contamination cases include the Texas Commission on Environmental Quality, Railroad Commission of Texas, Texas Alliance of Groundwater Districts, and Department of State Health Services.

HISTGWCC Historic Groundwater Contamination Cases

VERSION DATE: NR

This historic report contains all agency groundwater contamination cases documented from 1994 to 2011. The agencies that reported these contamination cases included the Texas Commission on Environmental Quality, Railroad Commission of Texas, Texas Alliance of Groundwater Districts, and Department of State Health Services.

LIENS TCEQ Liens

VERSION DATE: 01/16/14

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

MSD Municipal Setting Designations

VERSION DATE: 04/01/13

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

NOV Notice of Violations

VERSION DATE: 11/08/13

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

Environmental Records Definitions - STATE (TX)

SIEC01 State Institutional/Engineering Control Sites

VERSION DATE: 02/19/14

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

SPILLS Spills Listing

VERSION DATE: 11/08/13

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

TIERII Tier II Chemical Reporting Program Facilities

VERSION DATE: 12/31/12

The Texas Tier II Chemical Reporting Program in the Department of State Health Services (DSHS) is the state repository for EPCRA-required Emergency Planning Letters (EPLs), which are one-time notifications to the state from facilities that have certain extremely hazardous chemicals in specified amounts. The Program is also the state repository for EPCRA/state-required hazardous chemical inventory reports called Texas Tier Two Reports. This data contains those facility reports for the 2005 through the 2012 calendar years.

DCR Dry Cleaner Registration Database

VERSION DATE: 04/01/14

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

IHW Industrial and Hazardous Waste Sites

VERSION DATE: 04/01/14

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

Environmental Records Definitions - STATE (TX)

PIHW Permitted Industrial Hazardous Waste Sites

VERSION DATE: 04/01/14

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

PST Petroleum Storage Tanks

VERSION DATE: 11/04/13

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

APAR Affected Property Assessment Reports

VERSION DATE: 01/29/14

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

BSA Brownfields Site Assessments

VERSION DATE: 02/19/14

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

CALF Closed & Abandoned Landfill Inventory

VERSION DATE: 11/01/05

The Texas Commission on Environmental Quality, under a contract with Texas State University, and in cooperation with the 24 regional Council of Governments (COGs) in the State, has located over 4,000 closed and

GeoSearch www.geo-search.com 888-396-0042

Environmental Records Definitions - STATE (TX)

abandoned municipal solid waste landfills throughout Texas. This listing contains "unauthorized sites". Unauthorized sites have no permit and are considered abandoned. The information available for each site varies in detail and this historical information is not updated. Please refer to the specific regional COG for the most current information.

DCRPS Dry Cleaner Remediation Program Sites

VERSION DATE: 09/01/13

This list of DCRP sites is provided by the Texas Commission on Environmental Quality (TCEQ). According to the TCEQ, the Dry Cleaner Remediation Program (DCRP) establishes a prioritization list of dry cleaner sites and administers the Dry Cleaning Remediation fund to assist with remediation of contamination caused by dry cleaning solvents.

IOP Innocent Owner / Operator Database

VERSION DATE: 02/19/14

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

LPST Leaking Petroleum Storage Tanks

VERSION DATE: 11/01/13

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

MSWLF Municipal Solid Waste Landfill Sites

VERSION DATE: 01/10/14

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

RRCVCP Railroad Commission VCP and Brownfield Sites

VERSION DATE: 10/15/13

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

GeoSearch www.geo-search.com 888-396-0042

Environmental Records Definitions - STATE (TX)

RWS Radioactive Waste Sites

VERSION DATE: 07/11/06

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

VCP Voluntary Cleanup Program Sites

VERSION DATE: 02/19/14

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

WMRF Recycling Facilities

VERSION DATE: 11/01/12

This listing of recycling facilities is provided by the Texas Commission on Environmental Quality's Recycle Texas Online service. The company information provided in this database is self-reported. Since recyclers post their own information, a facility or company appearing on the list does not imply that it is in compliance with TCEQ regulations or other applicable laws. This database is no longer maintained and includes the last compilation of the program participants before the Recycle Texas Online program was closed.

IHWCA Industrial and Hazardous Waste Corrective Action Sites

VERSION DATE: 11/25/13

This database is provided by the Texas Commission on Environmental Quality (TCEQ). According to the TCEQ, the mission of the industrial and hazardous waste corrective action program is to oversee the cleanup of sites contaminated from industrial and municipal hazardous and industrial nonhazardous wastes. The goals of this program are to: Ensure that sites are assessed and remediated to levels that protect human health and the environment; Verify that waste management units or facilities are taken out of service and closed properly; and to Facilitate revitalization of contaminated properties.

SF State Superfund Sites

VERSION DATE: 12/01/13

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

GeoSearch www.geo-search.com 888-396-0042

Environmental Records Definitions - STATE (TX)

evaluates these facilities for inclusion on the state Superfund registry. This registry includes any recent developments and the anticipated action for these sites.

Environmental Records Definitions - TRIBAL

USTR06 Underground Storage Tanks On Tribal Lands

VERSION DATE: 10/30/13

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

LUSTR06 Leaking Underground Storage Tanks On Tribal Lands

VERSION DATE: 10/30/13

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

ODINDIAN Open Dump Inventory on Tribal Lands

VERSION DATE: 11/08/06

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

INDIANRES Indian Reservations

VERSION DATE: 01/01/00

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



GeoPlus Oil & Gas Report

[Satellite view](#)

Target Property:

Water Well No. 5

HOUSTON, Harris County, Texas 77339

Prepared For:

HVJ Associates-Houston

Order #: 35891

Job #: 79556

Date: 05/14/2014

GeoSearch www.geo-search.com 888-396-0042

Order# 35891 Job# 79556

Table of Contents

<i>Target Property Summary</i>	1
<i>Database Findings Summary</i>	2
<i>Locatable Database Findings</i>	3
<i>Oil & Gas Map</i>	4
<i>Environmental Records Definitions</i>	5

Target Property Summary

Water Well No. 5

HOUSTON, Harris County, Texas 77339

USGS Quadrangle: **Moonshine Hill, TX**

Target Property Geometry: **Point**

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

(-95.249998, 30.040605)

County/Parish Covered:

Harris (TX) , Montgomery (TX)

Zipcode(s) Covered:

Kingwood TX: 77339

Porter TX: 77365

State(s) Covered:

TX

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

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

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

GeoSearch www.geo-search.com 888-396-0042

Database Findings Summary

STATE (TX) LISTING

Database	Acronym	Locatable	Unlocatable	Search Radius (miles)
OIL AND GAS WELLS	OGWELLS	0	0	0.5000
SUB-TOTAL		0	0	
TOTAL		0	0	

Locatable Database Findings

STATE (TX) LISTING

Acronym	Search Radius (miles)	TP/AP (0 - 0.02)	1/8 Mile (> TP/AP)	1/4 Mile (> 1/8)	1/2 Mile (> 1/4)	1 Mile (> 1/2)	> 1 Mile	Total
OGWELLS	0.5000		0	0	0	NS	NS	0

SUB-TOTAL			0	0	0	0	0	0
-----------	--	--	---	---	---	---	---	---

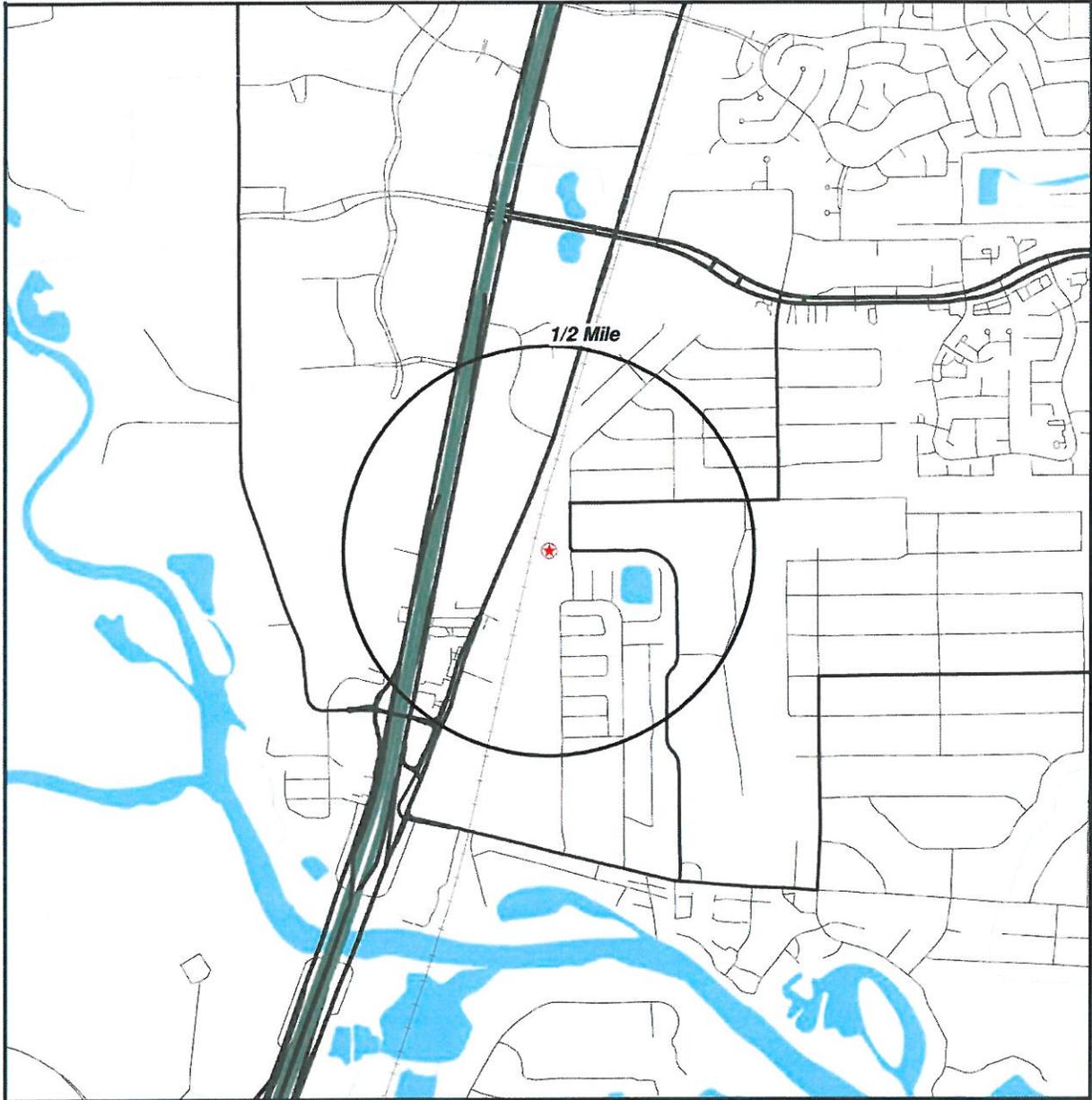
TOTAL			0	0	0	0	0	0
-------	--	--	---	---	---	---	---	---

NOTES:

NS = NOT SEARCHED

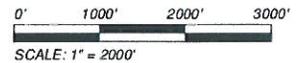
TP/AP = TARGET PROPERTY/ADJACENT PROPERTY

OIL & GAS MAP



- ★ Target Property (TP)
- Surface Location

Water Well No. 5
HOUSTON, Texas
77339



[Click here to access Satellite view](#)

GeoSearch www.geo-search.com 888-396-0042

Environmental Records Definitions - STATE (TX)

OGWELLS Oil and Gas Wells

VERSION DATE: 04/09/13

This oil and gas well data set is provided by the Geographic Information System of the Railroad Commission of Texas (the Commission). The data set includes oil and gas well records dating back to the early 1960's, some wells prior to the 1960's are also included with with no API and/or a historical API number in place. The Commission shall not be held liable for use of this data, which is provided as a public service for informational purposes only. Users are responsible for checking the accuracy, completeness, currency, and/or suitability of this data set themselves.



GeoPlus Water Well Report

[Satellite view](#)

Target Property:

Water Well No. 5

HOUSTON, Harris County, Texas 77339

Prepared For:

HVJ Associates-Houston

Order #: 35891

Job #: 79554

Date: 05/14/2014

GeoSearch www.geo-search.com 888-396-0042

Table of Contents

<i>Target Property Summary</i>	1
<i>Database Findings Summary</i>	2
<i>Locatable Database Findings</i>	5
<i>Waterwell Map</i>	8
<i>Report Summary of Locatable Sites</i>	9
<i>Environmental Records Definitions</i>	70

Target Property Summary

Water Well No. 5

HOUSTON, Harris County, Texas 77339

USGS Quadrangle: **Moonshine Hill, TX**

Target Property Geometry: **Point**

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

(-95.249998, 30.040605)

County/Parish Covered:

Harris (TX) , Montgomery (TX)

Zipcode(s) Covered:

Kingwood TX: 77339

Porter TX: 77365

State(s) Covered:

TX

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

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

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

GeoSearch www.geo-search.com 888-396-0042

Database Findings Summary

FEDERAL LISTING

Database	Acronym	Locatable	Unlocatable	Search Radius (miles)
UNITED STATES GEOLOGICAL SURVEY NATIONAL WATER INFORMATION SYSTEM	NWIS	2	0	0.5000
SUB-TOTAL		2	0	

Database Findings Summary

STATE (TX) LISTING

Database	Acronym	Locatable	Unlocatable	Search Radius (miles)
SUBMITTED DRILLERS REPORT DATABASE	SDRD	24	0	0.5000
TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS	TCEQ	10	0	0.5000
TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE	TWDB	1	0	0.5000
WATER UTILITY DATABASE	WUD	1	0	0.5000
SUB-TOTAL		36	0	

Database Findings Summary

LOCAL LISTING

Database	Acronym	Locatable	Unlocatable	Search Radius (miles)
HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS	HGSD	10	0	0.5000
SUB-TOTAL		10	0	
TOTAL		48	0	

Locatable Database Findings

FEDERAL LISTING

Acronym	Search Radius (miles)	TP/AP (0 - 0.02)	1/8 Mile (> TP/AP)	1/4 Mile (> 1/8)	1/2 Mile (> 1/4)	1 Mile (> 1/2)	> 1 Mile	Total
NWIS	0.5000	1	0	0	1	NS	NS	2
SUB-TOTAL		1	0	0	1	0	0	2

Locatable Database Findings

STATE (TX) LISTING

Acronym	Search Radius (miles)	TP/AP (0 - 0.02)	1/8 Mile (> TP/AP)	1/4 Mile (> 1/8)	1/2 Mile (> 1/4)	1 Mile (> 1/2)	> 1 Mile	Total
SDRD	0.5000		3	6	15	NS	NS	24
TCEQ	0.5000		0	1	9	NS	NS	10
TWDB	0.5000		1	0	0	NS	NS	1
WUD	0.5000		1	0	0	NS	NS	1
SUB-TOTAL			5	7	24	0	0	36

Locatable Database Findings

LOCAL LISTING

Acronym	Search Radius (miles)	TP/AP (0 - 0.02)	1/8 Mile (> TP/AP)	1/4 Mile (> 1/8)	1/2 Mile (> 1/4)	1 Mile (> 1/2)	> 1 Mile	Total
HGSD	0.5000		1	2	7	NS	NS	10

SUB-TOTAL			1	2	7	0	0	10
-----------	--	--	---	---	---	---	---	----

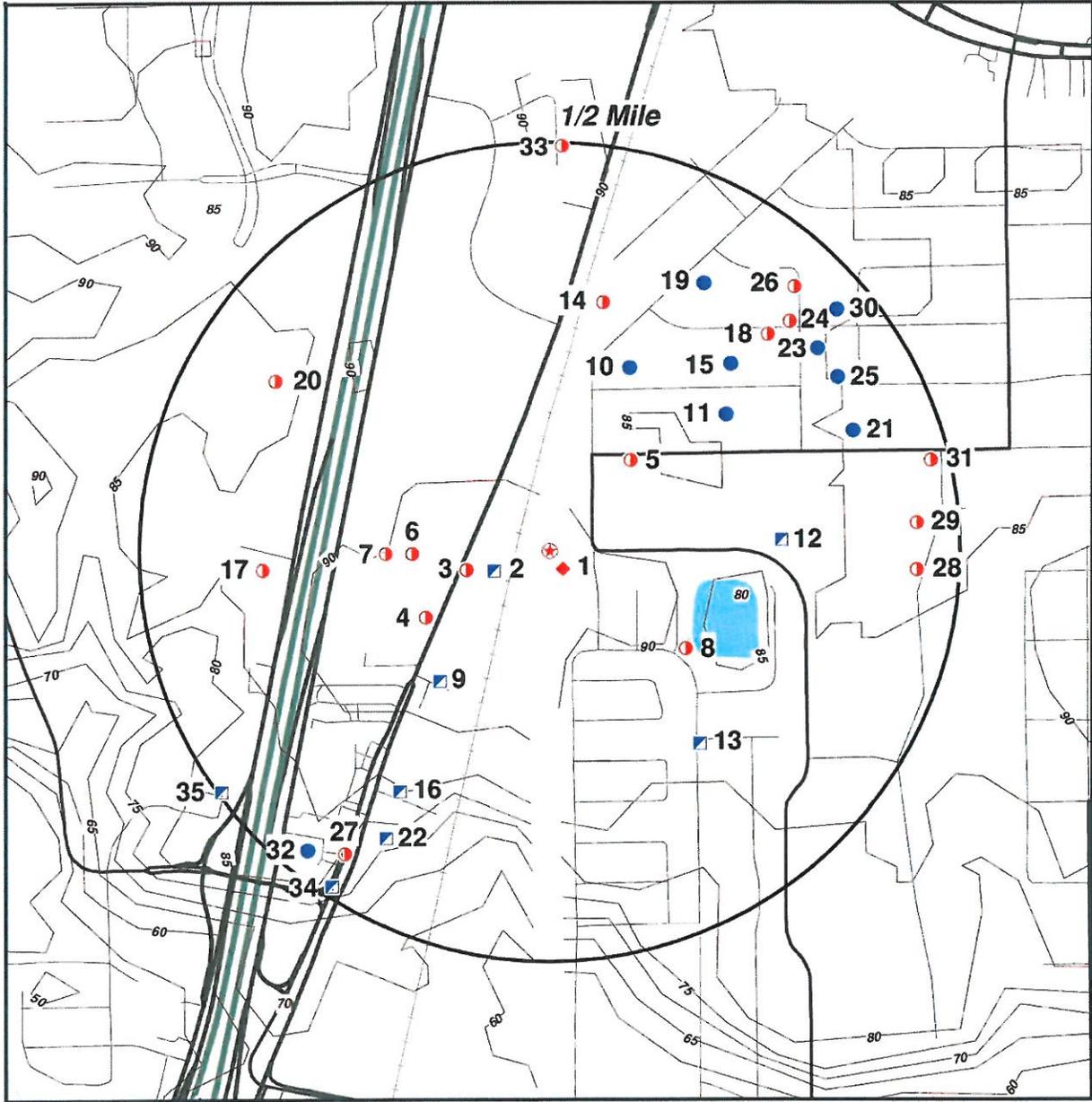
TOTAL		1	6	9	32	0	0	48
-------	--	---	---	---	----	---	---	----

NOTES:

NS = NOT SEARCHED

TP/AP = TARGET PROPERTY/ADJACENT PROPERTY

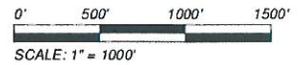
Waterwell Map



- ⊕ Target Property (TP)
- ◆ TWDB
- ▣ HGSD
- SDRD
- TCEQ

Water Well No. 5
HOUSTON, Texas
77339

CONTOUR LINES REPRESENTED IN FEET



[Click here to access Satellite view](#)

GeoSearch www.geo-search.com 888-396-0042

Report Summary of Locatable Sites

Map ID#	Database Name	Site ID#	Distance From Site	Site Name	Address	City, Zip Code
1	WUD	G10103480	0.021 SE	CITY OF HOUSTON UTILITY DISTRICT 5 KINGW		
1	NWIS	00715847	0.014 SE	LJ-60-63-709		
1	TWDB	60-63-712	0.028 SE	ST. ENVIRONMENTAL SERV	0 HAMBLER RD	HUMBLE, 77339
2	HGSD	4305	0.07 W	NATIONAL CONVENIENCE STORES INC.	22704 LOOP 494	HOUSTON, 77339
3	SDRD	TX132002	0.116 W	MR. STEVEN MUSSELL		
3	SDRD	TX132006	0.102 W	MR. STEVEN MUSSELL		
3	SDRD	TX131997	0.116 W	MR. STEVEN MUSSELL		
4	SDRD	TX131989	0.17 SW	MR. STEVEN MUSSELL		
4	HGSD	6535	0.146 SW	PAPPAS (TRUSTEE), PETE H.		
5	SDRD	TX69065	0.15 NE	BRANDON BLACK		
6	SDRD	TX131994	0.166 W	MR. STEVEN MUSSELL		
7	SDRD	TX131992	0.199 W	MR. STEVEN MUSSELL		
8	SDRD	TX238612	0.204 SE	LAKEWOOD COVE HOA		
9	HGSD	7220	0.206 SW	SULLIVANS ADVANCED PAINT & BODY	22502 LOOP 494	HOUSTON, 77339
10	TCEQ	TX198969	0.245 NE	PETE DAIGLE	1906 LAUREL SPRINGS LN	HUMBLE, 77339
10	SDRD	TX2905	0.238 NE	MUNOZ, BILL		
11	TCEQ	TX170307	0.293 NE	TAY BAGLEY	710 GOLDEN BEAR LN	HUMBLE, 77339
11	TCEQ	TX170305	0.273 NE	VIRGIL HAYES	706 GOLDEN BEAR LN	HUMBLE, 77339
12	NWIS	00715846	0.286 E	LJ-60-63-709Z		
12	HGSD	1609	0.283 E	FOREST COVE M.U.D.	805 HAMBLER RD	WEST LAKE HILLS, 77339
13	HGSD	10809	0.297 SE	LAKEWOOD COVE H.O.A.		
14	SDRD	TX81267	0.311 N	KINGWOOD FARMERS MARKET		
15	TCEQ	TX170306	0.318 NE	DAVID CHAPMAN	707 GOLDEN BEAR LN	HUMBLE, 77339
16	HGSD	8817	0.344 SW	SULLIVAN, DANIEL J.	22310 LOOP 494	HUMBLE, 77339
17	SDRD	TX234768	0.35 W	STERLING HONDA		
17	SDRD	TX234766	0.35 W	STERLING HONDA		
18	SDRD	TX174835	0.378 NE	MARYLYN COOK		
18	SDRD	TX112206	0.375 NE	FRANK STOMER		
19	TCEQ	TX170359	0.379 NE	LAURA HEILERS	2035 PLAYERS PATH	HUMBLE, 77339
20	SDRD	TX31745	0.392 NW	BROWN, SHAWN	22601 HWY 59 NORTH	KINGWOOD
21	TCEQ	TX170355	0.399 E	JEFF BLACK	823 SAINT ANDREWS RD	HUMBLE, 77339
22	HGSD	4369	0.402 SW	SUNBELT NURSERY GROUP	0 LOOP 494	HOUSTON, 77339
23	TCEQ	TX170358	0.411 NE	DUDLEY DEARMAN	1910 PLAYERS PATH	HUMBLE, 77339
24	TCEQ	TX170308	0.411 NE	EARL WARNER	810 GOLDEN BEAR LN	HUMBLE, 77339
25	SDRD	TX12933	0.413 NE	A. J. TOMASINN		
26	SDRD	TX157461	0.44 NE	GEAN DUBOIS		

Report Summary of Locatable Sites

27	SDRD	TX167562	0.445 SW	MOTIVA ENTERPRISES		
28	SDRD	TX9277	0.449 E	FRANK LAZARINE		
29	SDRD	TX59974	0.45 E	FRED ECOFF		
30	TCEQ	TX170270	0.458 NE	B.D. MARTIN,	803 MASTERS WAY	HUMBLE, 77339
31	SDRD	TX1444	0.478 E	DOYLE, TED		
31	SDRD	TX1447	0.478 E	GUEL, IRA		
31	HGSD	2755	0.467 E	FOREST COVE RECREATION, INC.	915 SAINT ANDREWS RD	KINGWOOD, 77339
32	TCEQ	TX204988	0.468 SW	WOLFE NURSERIES #04- 963	22205 LOOP 494	HUMBLE, 77339
33	SDRD	TX296997	0.478 N	INSPERITY		
33	SDRD	TX296991	0.496 N	INSPERITY		
34	HGSD	3227	0.486 SW	SIGMOR CORPORATION		
35	HGSD	8450	0.494 SW	GANDHI, PIYUSH	22211 EASTEX FWY	KINGWOOD, 77339

Water Utility Database (WUD)

[MAP ID# 1](#)

Distance from Property: 0.02 mi. SE

PWSID: 1010348
SOURCEID: G10103480
UTILITY NAME: NOT REPORTED
DATE DRILLED: 08/21/1981
SCREEN BOTTOM: 992.00'
SCREEN TOP: 700.00'
GALLONS
PER MINUTE: 1500
CCN: NOT APPLICABLE
LONGITUDE: -95.249786000
LATITUDE: 30.040371000
OWNER'S NAME: CITY OF HOUSTON UTILITY DISTRICT 5 KINGW
ADDRESS: PO BOX 1562
CITY: HOUSTON STATE: TX ZIP CODE: 772511562

[Back to Report Summary](#)

**United States Geological Survey National Water Information System
(NWIS)**

[MAP ID# 1](#)

Distance from Property: 0.01 mi. SE

REPORTING AGENCY: US GEOLOGICAL SURVEY

SITE NUMBER: 30022509

STATION NAME: LJ-60-63-709

SITE TYPE: WELL

LATITUDE: 30.040430560 LONGITUDE: -95.249869400

DATE DRILLED: 2002-11-26

WELL DEPTH: 965'

HOLE DEPTH: 1250'

LOCAL AQUIFER: EVANGELINE AQUIFER

[Back to Report Summary](#)

Texas Water Development Board Groundwater Database (TWDB)

MAP ID# 1

Distance from Property: 0.03 mi. SE

STATE ID: 60-63-712
OWNER'S NAME: ST. ENVIRONMENTAL SERV
DATE DRILLED: 10/02/1981
DEPTH DRILLED: 1012'
WATER USAGE: PUBLIC SUPPLY
LONGITUDE: -95.24972
LATITUDE: 30.04028
SOURCE: TWDB

Harris Galveston Subsidence District Water Wells (HGSD)

[MAP ID# 2](#)

Distance from Property: 0.07 mi. W

WELL ID: **4305**
OWNER'S NAME: **NATIONAL CONVENIENCE STORES INC.**
YEAR DRILLED: **1979**
DEPTH DRILLED: **178'**
STATIC LEVEL: **168'**
WATER USAGE: **PUBLIC SUPPLY**
WELL STATUS: **PLUGGED**
LONGITUDE: **-95.251111111**
LATITUDE: **30.040277778**
SOURCE: **HGSD**

[Back to Report Summary](#)

Submitted Drillers Report Database (SDRD)

MAP ID# 3

Distance from Property: 0.12 mi. W

TRACK #: 132002

DATE ENTERED: 01/18/2008

OWNER NAME: MR. STEVEN MUSSELL

OWNER ADDRESS: 5300 TOWN & COUNTRY BLVD. SUIT
FRISCO, TX 75034

COUNTY: MONTGOMERY

LATITUDE: 30.04056 LONGITUDE: -95.25194

WELL LOG:

DRILLING DATE (STARTED): 12/04/07

DRILLING DATE (COMPLETED): 12/04/07

DEPTH DRILLED: 20'

WATER LEVEL:

STATIC LEVEL: NOT REPORTED'

WATER LEVEL DATE: NOT REPORTED

TYPE OF WATER: NOT REPORTED

TYPE OF WORK:

NEW WELL: X

REPLACEMENT WELL:

DEEPENING:

RECONDITIONING:

PROPOSED USE:

MONITOR WELL: X

DOMESTIC:

ENVIRONMENTAL SOIL BORING:

TEST WELL:

INDUSTRIAL:

GEOHERMAL HEAT LOOP:

IRRIGATION:

INJECTION:

PUBLIC SUPPLY:

DE-WATERING:

STOCK:

RIG SUPPLY:

COMPANY INFORMATION:

COMPANY NAME: ADVANCED DRILLING SYSTEMS, INC.

COMPANY ADDRESS: 904 W. TIDWELL
HOUSTON, TX 77091

[Back to Report Summary](#)

Submitted Drillers Report Database (SDRD)

[MAP ID# 3](#)

Distance from Property: 0.10 mi. W

TRACK #: 132006

DATE ENTERED: 01/18/2008

OWNER NAME: MR. STEVEN MUSSELL

OWNER ADDRESS: 5300 TOWN & COUNTRY BLVD. SUIT
FRISCO, TX 75034

COUNTY: MONTGOMERY

LATITUDE: 30.04028 LONGITUDE: -95.25167

WELL LOG:

DRILLING DATE (STARTED): 12/05/07

DRILLING DATE (COMPLETED): 12/05/07

DEPTH DRILLED: 20'

WATER LEVEL:

STATIC LEVEL: NOT REPORTED'

WATER LEVEL DATE: NOT REPORTED

TYPE OF WATER: NOT REPORTED

TYPE OF WORK:

NEW WELL: X

REPLACEMENT WELL:

DEEPENING:

RECONDITIONING:

PROPOSED USE:

MONITOR WELL: X

DOMESTIC:

ENVIRONMENTAL SOIL BORING:

TEST WELL:

INDUSTRIAL:

GEOHERMAL HEAT LOOP:

IRRIGATION:

INJECTION:

PUBLIC SUPPLY:

DE-WATERING:

STOCK:

RIG SUPPLY:

COMPANY INFORMATION:

COMPANY NAME: ADVANCED DRILLING SYSTEMS, INC.

COMPANY ADDRESS: 904 W. TIDWELL

HOUSTON, TX 77091

[Back to Report Summary](#)

Submitted Drillers Report Database (SDRD)

[MAP ID# 3](#)

Distance from Property: 0.12 mi. W

TRACK #: 131997

DATE ENTERED: 01/18/2008

OWNER NAME: MR. STEVEN MUSSELL

OWNER ADDRESS: 5300 TOWN & COUNTRY BLVD. SUIT
FRISCO, TX 75034

COUNTY: MONTGOMERY

LATITUDE: 30.04056 LONGITUDE: -95.25194

WELL LOG:

DRILLING DATE (STARTED): 12/04/07

DRILLING DATE (COMPLETED): 12/04/07

DEPTH DRILLED: 20'

WATER LEVEL:

STATIC LEVEL: NOT REPORTED'

WATER LEVEL DATE: NOT REPORTED

TYPE OF WATER: NOT REPORTED

TYPE OF WORK:

NEW WELL: X

REPLACEMENT WELL:

DEEPENING:

RECONDITIONING:

PROPOSED USE:

MONITOR WELL: X

DOMESTIC:

ENVIRONMENTAL SOIL BORING:

TEST WELL:

INDUSTRIAL:

GEOHERMAL HEAT LOOP:

IRRIGATION:

INJECTION:

PUBLIC SUPPLY:

DE-WATERING:

STOCK:

RIG SUPPLY:

COMPANY INFORMATION:

COMPANY NAME: ADVANCED DRILLING SYSTEMS, INC.

COMPANY ADDRESS: 904 W. TIDWELL
HOUSTON, TX 77091

[Back to Report Summary](#)

Submitted Drillers Report Database (SDRD)

[MAP ID# 4](#)

Distance from Property: 0.17 mi. SW

TRACK #: 131989

DATE ENTERED: 01/18/2008

OWNER NAME: MR. STEVEN MUSSELL

OWNER ADDRESS: 5300 TOWN & COUNTRY BLVD. SUIT
FRISCO, TX 75034

COUNTY: MONTGOMERY

LATITUDE: 30.03944 LONGITUDE: -95.25250

WELL LOG:

DRILLING DATE (STARTED): 12/04/07

DRILLING DATE (COMPLETED): 12/04/07

DEPTH DRILLED: 20'

WATER LEVEL:

STATIC LEVEL: NOT REPORTED'

WATER LEVEL DATE: NOT REPORTED

TYPE OF WATER: NOT REPORTED

TYPE OF WORK:

NEW WELL: X

REPLACEMENT WELL:

DEEPENING:

RECONDITIONING:

PROPOSED USE:

MONITOR WELL: X

DOMESTIC:

ENVIRONMENTAL SOIL BORING:

TEST WELL:

INDUSTRIAL:

GEOHERMAL HEAT LOOP:

IRRIGATION:

INJECTION:

PUBLIC SUPPLY:

DE-WATERING:

STOCK:

RIG SUPPLY:

COMPANY INFORMATION:

COMPANY NAME: ADVANCED DRILLING SYSTEMS, INC.

COMPANY ADDRESS: 904 W. TIDWELL

HOUSTON, TX 77091

[Back to Report Summary](#)

Harris Galveston Subsidence District Water Wells (HGSD)

[MAP ID# 4](#)

Distance from Property: 0.15 mi. SW

WELL ID: **6535**
OWNER'S NAME: **PAPPAS (TRUSTEE), PETE H.**
YEAR DRILLED: **NOT REPORTED**
DEPTH DRILLED: **0'**
STATIC LEVEL: **NOT REPORTED**
WATER USAGE: **OTHER**
WELL STATUS: **PLUGGED**
LONGITUDE: **-95.25222222**
LATITUDE: **30.03972222**
SOURCE: **HGSD**

[Back to Report Summary](#)

Submitted Drillers Report Database (SDRD)

[MAP ID# 5](#)

Distance from Property: 0.15 mi. NE

TRACK #: 69065

DATE ENTERED: 10/17/2005

OWNER NAME: BRANDON BLACK

OWNER ADDRESS: 610 ST. ANDREWS
KINGWOOD, TX 77339

COUNTY: HARRIS

LATITUDE: 30.04222 LONGITUDE: -95.24833

WELL LOG:

DRILLING DATE (STARTED): 06/02/05

DRILLING DATE (COMPLETED): 06/02/05

DEPTH DRILLED: 120'

WATER LEVEL:

STATIC LEVEL: 20'

WATER LEVEL DATE: 06/02/2005

TYPE OF WATER: FRESH

TYPE OF WORK:

NEW WELL: X

DEEPENING:

REPLACEMENT WELL:

RECONDITIONING:

PROPOSED USE:

MONITOR WELL:

TEST WELL:

IRRIGATION: X

DE-WATERING:

DOMESTIC:

INDUSTRIAL:

INJECTION:

STOCK:

ENVIRONMENTAL SOIL BORING:

GEOHERMAL HEAT LOOP:

PUBLIC SUPPLY:

RIG SUPPLY:

COMPANY INFORMATION:

COMPANY NAME: R & D WATER WELLS

COMPANY ADDRESS: P.O. BOX 230
HUFFMAN, TX 77336

[Back to Report Summary](#)

Submitted Drillers Report Database (SDRD)

MAP ID# 6

Distance from Property: 0.17 mi. W

TRACK #: 131994

DATE ENTERED: 01/18/2008

OWNER NAME: MR. STEVEN MUSSELL

OWNER ADDRESS: 5300 TOWN & COUNTRY BLVD. SUIT
FRISCO, TX 75034

COUNTY: MONTGOMERY

LATITUDE: 30.04056 LONGITUDE: -95.25278

WELL LOG:

DRILLING DATE (STARTED): 12/04/07

DRILLING DATE (COMPLETED): 12/04/07

DEPTH DRILLED: 20'

WATER LEVEL:

STATIC LEVEL: NOT REPORTED'

WATER LEVEL DATE: NOT REPORTED

TYPE OF WATER: NOT REPORTED

TYPE OF WORK:

NEW WELL: X

REPLACEMENT WELL:

DEEPENING:

RECONDITIONING:

PROPOSED USE:

MONITOR WELL: X

DOMESTIC:

ENVIRONMENTAL SOIL BORING:

TEST WELL:

INDUSTRIAL:

GEOHERMAL HEAT LOOP:

IRRIGATION:

INJECTION:

PUBLIC SUPPLY:

DE-WATERING:

STOCK:

RIG SUPPLY:

COMPANY INFORMATION:

COMPANY NAME: ADVANCED DRILLING SYSTEMS, INC.

COMPANY ADDRESS: 904 W. TIDWELL
HOUSTON, TX 77091

[Back to Report Summary](#)

Submitted Drillers Report Database (SDRD)

[MAP ID# 7](#)

Distance from Property: 0.20 mi. W

TRACK #: 131992
DATE ENTERED: 01/18/2008
OWNER NAME: MR. STEVEN MUSSELL
OWNER ADDRESS: 5300 TOWN & COUNTRY BLVD. SUIT
FRISCO, TX 75034

COUNTY: MONTGOMERY
LATITUDE: 30.04056 LONGITUDE: -95.25333

WELL LOG:

DRILLING DATE (STARTED): 12/05/07
DRILLING DATE (COMPLETED): 12/05/07
DEPTH DRILLED: 20'

WATER LEVEL:

STATIC LEVEL: NOT REPORTED'
WATER LEVEL DATE: NOT REPORTED
TYPE OF WATER: NOT REPORTED

TYPE OF WORK:

NEW WELL: X REPLACEMENT WELL:
DEEPENING: RECONDITIONING:

PROPOSED USE:

MONITOR WELL: X	DOMESTIC:	ENVIRONMENTAL SOIL BORING:
TEST WELL:	INDUSTRIAL:	GEO THERMAL HEAT LOOP:
IRRIGATION:	INJECTION:	PUBLIC SUPPLY:
DE-WATERING:	STOCK:	RIG SUPPLY:

COMPANY INFORMATION:

COMPANY NAME: ADVANCED DRILLING SYSTEMS, INC.
COMPANY ADDRESS: 904 W. TIDWELL
HOUSTON, TX 77091

[Back to Report Summary](#)

Submitted Drillers Report Database (SDRD)

MAP ID# 8

Distance from Property: 0.20 mi. SE

TRACK #: 238612

DATE ENTERED: 12/21/2010

OWNER NAME: LAKEWOOD COVE HOA

OWNER ADDRESS: 0 TRAIL TREE LN.

KINGWOOD, TX 77339

COUNTY: HARRIS

LATITUDE: 30.03889 LONGITUDE: -95.24722

WELL LOG:

DRILLING DATE (STARTED): 03/11/08

DRILLING DATE (COMPLETED): 03/13/08

DEPTH DRILLED: 340'

WATER LEVEL:

STATIC LEVEL: 111'

WATER LEVEL DATE: 03/13/2008

TYPE OF WATER: NOT REPORTED

TYPE OF WORK:

NEW WELL: X

DEEPENING:

REPLACEMENT WELL:

RECONDITIONING:

PROPOSED USE:

MONITOR WELL:

TEST WELL:

IRRIGATION: X

DE-WATERING:

DOMESTIC:

INDUSTRIAL:

INJECTION:

STOCK:

ENVIRONMENTAL SOIL BORING:

GEO THERMAL HEAT LOOP:

PUBLIC SUPPLY:

RIG SUPPLY:

COMPANY INFORMATION:

COMPANY NAME: LOWE WATER WELLS, INC.

COMPANY ADDRESS: P.O. BOX 89

PORTER, TX 77365

[Back to Report Summary](#)

Harris Galveston Subsidence District Water Wells (HGSD)

[MAP ID# 9](#)

Distance from Property: 0.21 mi. SW

WELL ID: 7220
OWNER'S NAME: SULLIVANS ADVANCED PAINT & BODY
YEAR DRILLED: 1998
DEPTH DRILLED: 350'
STATIC LEVEL: 340'
WATER USAGE: DOMESTIC SUPPLY
WELL STATUS: ACTIVE
LONGITUDE: -95.252222222
LATITUDE: 30.038333333
SOURCE: HGSD

[Back to Report Summary](#)

Texas Commission on Environmental Quality Water Wells (TCEQ)

MAP ID# 10

Distance from Property: 0.25 mi. NE

ID NUMBER: TX198969

STATE ID : 60-63-4

OWNER NAME: PETE DAIGLE

DATE DRILLED: 09/11/2000

DEPTH DRILLED: 127'

STATIC LEVEL: 33'

WATER USAGE: IRRIGATION

LONGITUDE: -95.248354000

LATITUDE: 30.043860000

1 PAGE(S) OF DRILLERS' LOGS

Texas Commission on Environmental Quality Water Wells (TCEQ)

Page # 1 out of 1
Water Well ID: 198969

Send original copy by certified return receipt requested mail to: TOLR, P.O. Box 12157, Austin, TX 78711

ATTENTION OWNER: Confidentiality Provide Public on front or back of Well Owner's copy (pink)		State of Texas WELL REPORT		Texas Department of Licensing & Regulation P.O. Box 12157 Austin, TX 78711 512-463-7880																					
1) OWNER <u>Pete Daigle</u>		ADDRESS <u>615 Golden Bear Kingwood TX 77339</u>																							
2) ADDRESS OF WELL'S LOCATION County <u>Harris</u>		Same		Grid # <u>60-63-4</u>																					
3) TYPE OF WORK (Check): <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Reconditioning <input type="checkbox"/> Drugging		4) PROPOSED USE (Check): <input type="checkbox"/> Industrial <input checked="" type="checkbox"/> Residential <input type="checkbox"/> Public Supply well, were plans submitted to the TNRDC? <input type="checkbox"/> Yes <input type="checkbox"/> No		5) <input type="checkbox"/> Monitor <input type="checkbox"/> Environmental Soil Boring <input type="checkbox"/> Domestic <input type="checkbox"/> Injection <input type="checkbox"/> Public Supply <input type="checkbox"/> De-watering <input type="checkbox"/> Test Well																					
6) WELL LOG Date Drilling <u>9-11-2000</u> Started <u>9-11-2000</u> Completed <u>9-11-2000</u>		DIAMETER OF HOLE <table border="1" style="width: 100%; text-align: center;"> <tr> <th>Dia. (in)</th> <th>From (ft)</th> <th>To (ft)</th> </tr> <tr> <td>9 1/2</td> <td>Surface</td> <td>20</td> </tr> <tr> <td>6 3/4</td> <td>20</td> <td>127</td> </tr> </table>		Dia. (in)	From (ft)	To (ft)	9 1/2	Surface	20	6 3/4	20	127	7) DRILLING METHOD (Check): <input type="checkbox"/> Air Rotary <input checked="" type="checkbox"/> Mud Rotary <input type="checkbox"/> Auger <input type="checkbox"/> Cable Tool <input type="checkbox"/> Jetted <input type="checkbox"/> Other												
Dia. (in)	From (ft)	To (ft)																							
9 1/2	Surface	20																							
6 3/4	20	127																							
8) Borehole Completion (Check): <input type="checkbox"/> Unfinished <input type="checkbox"/> Gravel Pack <input type="checkbox"/> Other		<table border="1" style="width: 100%; text-align: center;"> <thead> <tr> <th rowspan="2">Dia. (in)</th> <th rowspan="2">New or Used</th> <th rowspan="2">Steel, Plastic, etc. Perforated or Screen Mfg. Material</th> <th colspan="2">Setting (ft)</th> <th rowspan="2">Gauge Casing Screen</th> </tr> <tr> <th>From</th> <th>To</th> </tr> </thead> <tbody> <tr> <td>4 N</td> <td></td> <td>PVC</td> <td>0</td> <td>97</td> <td>5/16</td> </tr> <tr> <td>4 N</td> <td></td> <td>PVC</td> <td>97</td> <td>107</td> <td>3/8</td> </tr> </tbody> </table>				Dia. (in)	New or Used	Steel, Plastic, etc. Perforated or Screen Mfg. Material	Setting (ft)		Gauge Casing Screen	From	To	4 N		PVC	0	97	5/16	4 N		PVC	97	107	3/8
Dia. (in)	New or Used	Steel, Plastic, etc. Perforated or Screen Mfg. Material	Setting (ft)		Gauge Casing Screen																				
			From	To																					
4 N		PVC	0	97	5/16																				
4 N		PVC	97	107	3/8																				
9) CEMENTING DATA Cementation <u>0</u> to <u>20</u> ft. No. of sacks used <u>115</u>		Method used <u>Hand mix</u> Generated by <u>H. Lowe</u> Distance to water system build lines or other regulated contamination <u>City</u> Method of verification above distance <u>City</u>																							
10) WELL TESTS Type(s): <input type="checkbox"/> Pump <input type="checkbox"/> Baker <input checked="" type="checkbox"/> Jetted <input checked="" type="checkbox"/> (L) Grouted Yield <u>100</u> gpm with <u>80</u> ft. drawdown after _____ hrs		11) WATER LEVEL Static level <u>33</u> ft. below land surface Date <u>9-11-2000</u> Artisan flow _____ gpm Date _____																							
12) PACKERS Type _____ Length _____		13) SURFACE COMPLETION <input checked="" type="checkbox"/> Specified Surface Stabilized <input type="checkbox"/> Specified Steel Screen Installed <input type="checkbox"/> Pressure Adapter Used <input type="checkbox"/> Approved Alternative Procedure Used																							
14) TYPE PUMP: <input type="checkbox"/> Turbine <input type="checkbox"/> In <input checked="" type="checkbox"/> Centrifugal <input type="checkbox"/> Cylinder <input type="checkbox"/> Other Depth to pump seals cylinder, etc. <u>80</u> ft.		15) WATER QUALITY Did you knowingly permeate any strata which contained undesirable constituents? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, submit "REPORT OF UNDESIRABLE WATER" Type of water? _____ Depth of strata? _____ Was a chemical analysis made? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No																							
I certify that I drilled this well (or the well was drilled under my direct supervision) and that each and all of the statements herein are true and correct. I understand that failure to complete items 1 thru 15 will result in the well(s) being returned for re-completion and re-inspection.																									
COMPANY NAME <u>Lowe Water Wells Inc</u>		WELL DRILLER'S LICENSE NO. <u>1182 WI</u>																							
ADDRESS <u>P.O. Box 89</u>		City <u>Porter</u> State <u>TX</u> Zip <u>77365</u>																							
(Signed) <u>Tommy J. Lowe</u>		(Signed) _____ (Registered Owner/Trainer)																							

TOLR FORM 061000 (4/98)

Please attach electric log, chemical analysis, and other pertinent information, if available.
White - TOLR Yellow - DRILLER Pink - WELL OWNER

[Back to Report Summary](#)

GeoSearch www.geo-search.com 888-396-0042

Submitted Drillers Report Database (SDRD)

MAP ID# 10

Distance from Property: 0.24 mi. NE

TRACK #: 2905

DATE ENTERED: 10/16/2001

OWNER NAME: MUNOZ, BILL

OWNER ADDRESS: 611 GOLDEN BEAR
KINGWOOD, TX 77339

COUNTY: HARRIS

LATITUDE: 30.04361 LONGITUDE: -95.24805

WELL LOG:

DRILLING DATE (STARTED): 08/22/01

DRILLING DATE (COMPLETED): 08/22/01

DEPTH DRILLED: 100'

WATER LEVEL:

STATIC LEVEL: 020'

WATER LEVEL DATE: 08/22/2002

TYPE OF WATER: NOT REPORTED

TYPE OF WORK:

NEW WELL: X

DEEPENING:

REPLACEMENT WELL:

RECONDITIONING:

PROPOSED USE:

MONITOR WELL:

TEST WELL:

IRRIGATION:

DE-WATERING:

DOMESTIC: X

INDUSTRIAL:

INJECTION:

STOCK:

ENVIRONMENTAL SOIL BORING:

GEOHERMAL HEAT LOOP:

PUBLIC SUPPLY:

RIG SUPPLY:

COMPANY INFORMATION:

COMPANY NAME: B & L WATER WELLS

COMPANY ADDRESS: P.O. BOX 1324
HUFFMAN, TX 77336

[Back to Report Summary](#)

Texas Commission on Environmental Quality Water Wells (TCEQ)

[MAP ID# 11](#)

Distance from Property: 0.29 mi. NE

ID NUMBER: TX170307

STATE ID : 60-63-4

OWNER NAME: TAY BAGLEY

DATE DRILLED: 09/11/2000

DEPTH DRILLED: 120'

STATIC LEVEL: 35'

WATER USAGE: IRRIGATION

LONGITUDE: -95.245948000

LATITUDE: 30.042989000

1 PAGE(S) OF DRILLERS' LOGS

Texas Commission on Environmental Quality Water Wells (TCEQ)

Page # 1 out of 1
Water Well ID: 170307

Send original copy by certified return receipt requested mail to: TCEQ, P.O. Box 12157, Austin, TX 78711

ATTENTION OWNER - Confidentiality Please Note on reverse side of Well Owner's copy (Form)		State of Texas WELL REPORT		Texas Department of Licensing & Regulation P.O. Box 12157 Austin, TX 78711 512 452-7880	
1) OWNER <u>Tay Bagley</u>		ADDRESS <u>710 Golden Bear Kingswood, Tr 27359</u>			
2) ADDRESS OF WELL'S LOCATION: County <u>Porter</u>		Same Grid # <u>60-63-4</u>			
3) TYPE OF WORK (Check): <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Deepening <input type="checkbox"/> Reconditioning <input type="checkbox"/> Plugging		4) PROPOSED USE (Check): <input type="checkbox"/> Domestic <input type="checkbox"/> Environmental/Sol. Boring <input type="checkbox"/> Industrial <input checked="" type="checkbox"/> Injection <input type="checkbox"/> Public Supply <input type="checkbox"/> Dewatering <input type="checkbox"/> Testwell <input type="checkbox"/> Public Supply well, wire plans submitted to the TCEQ <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		5) WELL LOG: Date Drilling _____ Started <u>9-11-00</u> Completed <u>9-11-00</u>	
		DIAMETER OF HOLE Diameter From (ft) To (ft) <u>7 3/4</u> <u>2.0</u> <u>6 3/4</u> <u>2.0</u> <u>1.20</u>		7) DRILLING METHOD (Check): <input type="checkbox"/> Air Rotary <input checked="" type="checkbox"/> Air Rotary <input type="checkbox"/> Air Hammer <input type="checkbox"/> Cable Tool <input type="checkbox"/> Jetted <input type="checkbox"/> Other _____	
From (ft) To (ft) Description and color of formation material <u>0-10 C</u> <u>10-45 S</u> <u>45-65 C</u> <u>65-118 S</u> <u>118-120 C</u>		8) Borehole Completion (Check): <input type="checkbox"/> Underreamed <input type="checkbox"/> Gravel Packed <input checked="" type="checkbox"/> Open Hole <input type="checkbox"/> Gravel Packed gas venturi from _____ ft to _____ ft		9) CEMENTING DATA Cementation _____ ft to _____ ft Method used <u>Hand mix</u> Cemented by <u>Low Water Wells, Inc.</u> Distance to septic system, field lines, or other uncontrolled discharge area _____ ft Method of verification of above distance <u>city Survey</u>	
10) CASING, BLANK PIPE, AND WELL SCREEN DATA Dia. (in) Type or Use Steel, Plastic, etc. Perf. Scribed, etc. Screen Mfg. if Commercial Setting (ft) Gauge Casing Screen <u>4</u> <u>N</u> <u>PVC</u> <u>Screen</u> <u>0</u> <u>108</u> <u>SAFAC</u> <u>4</u> <u>N</u> <u>PVC</u> <u>Screen</u> <u>108</u> <u>118</u> <u>H8</u>		11) WATER LEVEL Static level <u>35</u> ft. below land surface Date <u>9-11-00</u> Artesian flow _____ gpm Date _____		12) PACKERS Type _____ Depth _____	
13) Well plugged within 48 hours Casing left in well _____ Cemented between _____ placed on well _____ Sealed _____ From (ft) To (ft) From (ft) To (ft)		14) TYPE PUMP: <input type="checkbox"/> Turbine <input type="checkbox"/> Jet <input checked="" type="checkbox"/> Submersible <input type="checkbox"/> Caster <input type="checkbox"/> Other _____ Depth to pump level, cylinder, jet, etc. <u>80</u> ft.		15) WELL TESTS: Type test <input type="checkbox"/> Pump <input type="checkbox"/> Back <input checked="" type="checkbox"/> Flood <input checked="" type="checkbox"/> Flooded Yield <u>100</u> gpm with _____ ft drawdown after _____ hrs	
16) WATER QUALITY: Did you knowingly permeate any shaft which contained undesirable constituents? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, submit "REPORT OF UNDESIRABLE WATER" Depth of water _____ Type of water? _____ Was a chemical analysis made? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		17) SURFACE COMPLETION: <input checked="" type="checkbox"/> Fine Mesh Surface Submersible <input type="checkbox"/> Specified Steel Screen Installed <input type="checkbox"/> Filter Adapter Used <input type="checkbox"/> Approved Alternative Procedure Used		18) CERTIFICATION: I certify that I drilled this well (or the well was drilled under my direct supervision) and that each and all of the statements herein are true and correct. I understand that failure to complete items 5 thru 16 will result in the logs being returned for completion and resubmission. COMPANY NAME <u>Low Water Wells, Inc.</u> WELL DRILLER'S LICENSE NO. <u>4028 WI</u> ADDRESS <u>P.O. Box 89</u> <u>Porter</u> TX, <u>77365</u> (Signed) <u>Larry W. Lowe</u> (Registered ID for Trainers)	

TN606341000

[Back to Report Summary](#)

GeoSearch www.geo-search.com 888-396-0042

Texas Commission on Environmental Quality Water Wells (TCEQ)

MAP ID# 11

Distance from Property: 0.27 mi. NE

ID NUMBER: TX170305

STATE ID : 60-63-4

OWNER NAME: VIRGIL HAYES

DATE DRILLED: 09/15/2000

DEPTH DRILLED: 120'

STATIC LEVEL: 36'

WATER USAGE: IRRIGATION

LONGITUDE: -95.246411000

LATITUDE: 30.043041000

1 PAGE(S) OF DRILLERS' LOGS

Texas Commission on Environmental Quality Water Wells (TCEQ)

Page # 1 out of 1
Water Well ID: 170305

Send original copy by certified return receipt requested mail to: TCEQ, P.O. Box 12167, Austin, TX 78711

ATTENTION OWNER: Confidentiality Provide false or incorrect info if Well Owner's copy (pink)		State of Texas WELL REPORT		Texas Department of Licensing & Regulation P.O. Box 12167 Austin, TX 78711 512-463-7882																			
1) OWNER <u>Virgil Hayes</u>		ADDRESS <u>706 Golden Bear Kingdom Tr. 77389</u>																					
2) ADDRESS OF WELL'S LOCATION County <u>Harris</u>		Same		City	State																		
3) TYPE OF WORK (Check): <input type="checkbox"/> New Well <input type="checkbox"/> Deepening <input type="checkbox"/> Reconditioning <input type="checkbox"/> Plugging		4) PROPOSED USE (Check): <input type="checkbox"/> Industrial <input checked="" type="checkbox"/> Domestic <input type="checkbox"/> Injection <input type="checkbox"/> Environmental/Soil Boring		5) <input type="checkbox"/> Public Supply <input type="checkbox"/> De-watering <input type="checkbox"/> Testwell																			
6) WELL LOG Date Drilling _____ Started <u>9-15-00</u> Completed <u>9-15-00</u>		DIAMETER OF HOLE Dia. (in.) From (ft.) To (ft.) <u>7 3/4</u> Surface <u>20</u> <u>6 3/4</u> <u>20</u> <u>120</u>		7) DRILLING METHOD (Check): <input type="checkbox"/> Air Rotary <input checked="" type="checkbox"/> Rotary <input type="checkbox"/> Air Hammer <input type="checkbox"/> Cable Tool <input type="checkbox"/> Jetted <input type="checkbox"/> Other _____																			
8) Borehole Completion (Check): <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Gravel Pack <input type="checkbox"/> Underreamed <input type="checkbox"/> Gravel Packed <input type="checkbox"/> Other _____		9) CASING, BLANK PIPE, AND WELL SCREEN DATA																					
From (ft.) To (ft.) Description and Color of formation material <u>0-11 C</u> <u>11-45 S</u> <u>45-58 C</u> <u>58-120 S</u>		<table border="1" style="width: 100%; font-size: x-small;"> <thead> <tr> <th>Dia. (in.)</th> <th>Type of Casing</th> <th>Material</th> <th>Setting (ft.) From</th> <th>To</th> <th>Gravel Packing Screen</th> </tr> </thead> <tbody> <tr> <td>4</td> <td>N</td> <td>PVC</td> <td>0</td> <td>9.6</td> <td>5x20</td> </tr> <tr> <td>4</td> <td>N</td> <td>PVC Screen</td> <td>9.6</td> <td>106</td> <td>4x8</td> </tr> </tbody> </table>				Dia. (in.)	Type of Casing	Material	Setting (ft.) From	To	Gravel Packing Screen	4	N	PVC	0	9.6	5x20	4	N	PVC Screen	9.6	106	4x8
Dia. (in.)	Type of Casing	Material	Setting (ft.) From	To	Gravel Packing Screen																		
4	N	PVC	0	9.6	5x20																		
4	N	PVC Screen	9.6	106	4x8																		
10) CEMENTING DATA Cementation From (ft.) To (ft.) No. of sacks used <u>0</u> to <u>12</u> No. of sacks used <u>9</u>		11) SURFACE COMPLETION <input type="checkbox"/> Spec. Prod. Surface Slab Installed <input checked="" type="checkbox"/> Spec. Prod. Slab Installed <input type="checkbox"/> Paved Access Used <input type="checkbox"/> Approved Alternative Procedure Used																					
12) WATER LEVELS Static level <u>35 1/2</u> ft. below land surface Date <u>9-15-00</u> Artesian flow _____ ppm Date _____		13) WATER QUALITY Did you knowingly penetrate any strata which contained undesirable constituents? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, submit REPORT OF UNDESIRABLE WATER Typical color? _____ Depth of strata _____ Were chemical analyses made? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No																					
I certify that I drilled this well (or the well was drilled under my direct supervision) and that each and all of the statements herein are true and correct. I understand that failure to complete items 11 thru 16 will result in the report being returned for completion and amendment.																							
COMPANY NAME <u>Lowe Water Wells, Inc.</u>		WELL DRILLER'S LICENSE NO. <u>4028 WI</u>																					
ADDRESS <u>P.O. Box 89</u>		<u>Porter TX 77365</u>																					
(Signed) <u>Terry W. Lowe</u>		(Signed) _____ (Registered Driller/Trainer)																					

Please attach electric log, chemical analysis, and other pertinent information, if available.

TCEQ FORM 001WWD (4-99) White - TCEQ Yellow - DRILLER Pink - WELL OWNER

TX06340100

[Back to Report Summary](#)

**United States Geological Survey National Water Information System
(NWIS)**

[MAP ID# 12](#)

Distance from Property: 0.29 mi. E

REPORTING AGENCY: US GEOLOGICAL SURVEY

SITE NUMBER: 30022509

STATION NAME: LJ-60-63-709Z

SITE TYPE: WELL

LATITUDE: 30.040496800

LONGITUDE: -95.245210800

DATE DRILLED: 1974-09

WELL DEPTH: 980'

HOLE DEPTH: 1250'

LOCAL AQUIFER: EVANGELINE AQUIFER

[Back to Report Summary](#)

Harris Galveston Subsidence District Water Wells (HGSD)

[MAP ID# 12](#)

Distance from Property: 0.28 mi. E

WELL ID: 1609
OWNER'S NAME: FOREST COVE M.U.D.
YEAR DRILLED: 1975
DEPTH DRILLED: 1250'
STATIC LEVEL: 615'
WATER USAGE: PUBLIC SUPPLY
WELL STATUS: ACTIVE
LONGITUDE: -95.245277778
LATITUDE: 30.040833333
SOURCE: HGSD

[Back to Report Summary](#)

Harris Galveston Subsidence District Water Wells (HGSD)

[MAP ID# 13](#)

Distance from Property: 0.30 mi. SE

WELL ID: **10809**
OWNER'S NAME: **LAKEWOOD COVE H.O.A.**
YEAR DRILLED: **2008**
DEPTH DRILLED: **330'**
STATIC LEVEL: **310'**
WATER USAGE: **OTHER**
WELL STATUS: **ACTIVE**
LONGITUDE: **-95.246944444**
LATITUDE: **30.037222222**
SOURCE: **HGSD**

[Back to Report Summary](#)

Submitted Drillers Report Database (SDRD)

MAP ID# 14

Distance from Property: 0.31 mi. N

TRACK #: 81267

DATE ENTERED: 04/24/2006

OWNER NAME: KINGWOOD FARMERS MARKET

OWNER ADDRESS: 22310 LOOP 494

KINGWOOD, TX 77339

COUNTY: MONTGOMERY

LATITUDE: 30.04500 LONGITUDE: -95.24889

WELL LOG:

DRILLING DATE (STARTED): 08/19/05

DRILLING DATE (COMPLETED): 08/19/05

DEPTH DRILLED: 30'

WATER LEVEL:

STATIC LEVEL: 27'

WATER LEVEL DATE: 08/19/2005

TYPE OF WATER: NOT REPORTED

TYPE OF WORK:

NEW WELL: X

DEEPENING:

REPLACEMENT WELL:

RECONDITIONING:

PROPOSED USE:

MONITOR WELL: X

TEST WELL:

IRRIGATION:

DE-WATERING:

DOMESTIC:

INDUSTRIAL:

INJECTION:

STOCK:

ENVIRONMENTAL SOIL BORING:

GEOHERMAL HEAT LOOP:

PUBLIC SUPPLY:

RIG SUPPLY:

COMPANY INFORMATION:

COMPANY NAME: ADVANCED DRILLING SYSTEMS, INC.

COMPANY ADDRESS: 727 W. 26TH ST.

HOUSTON, TX 77008

[Back to Report Summary](#)

Texas Commission on Environmental Quality Water Wells (TCEQ)

MAP ID# 15

Distance from Property: 0.32 mi. NE

ID NUMBER: TX170306

STATE ID : 60-63-4

OWNER NAME: DAVID CHAPMAN

DATE DRILLED: 09/08/2000

DEPTH DRILLED: 127'

STATIC LEVEL: 34'

WATER USAGE: IRRIGATION

LONGITUDE: -95.246316000

LATITUDE: 30.043923000

1 PAGE(S) OF DRILLERS' LOGS

Texas Commission on Environmental Quality Water Wells (TCEQ)

Page # 1 out of 1
Water Well ID: 170306

Send original copy by certified return receipt requested mail to: TDLR, P.O. Box 12167, Austin, TX 78711

ATTENTION: OWNER - Confidentiality Privileged Work is not to be made available to the Owner's copy (pen)		State of Texas WELL REPORT		Texas Department of Licensing & Regulation P.O. Box 12167 Austin, TX 78711 512-463-7080	
1) OWNER: <u>DAVID Chapman</u>		ADDRESS: <u>707 Golden Bear</u> <u>Kingswood TX 77339</u>			
2) ADDRESS: <u>HARTIS</u> <u>Same</u>		COUNTY: <u>Harris</u> (Direct RFD or other) (City) (State) (Zip) <u>60-63-4</u>			
3) TYPE OF WORK (Check): <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Deepening <input type="checkbox"/> Reconditioning <input type="checkbox"/> Plugging		4) PROPOSED USE (Check): <input type="checkbox"/> Municipal <input type="checkbox"/> Environmental/Sol/Boring <input type="checkbox"/> Domestic <input checked="" type="checkbox"/> Industrial <input type="checkbox"/> Irrigation <input type="checkbox"/> Injection <input type="checkbox"/> Public Supply <input type="checkbox"/> De-watering <input type="checkbox"/> Testwell If Public Supply well, were plans submitted to the TRS/CCT? <input type="checkbox"/> Yes <input type="checkbox"/> No		5) _____	
6) WELL LOG Date Drilling: _____ Started: <u>9-8-2000</u> Completed: <u>9-8-2000</u>		DIAMETER OF HOLE DIA (in) FROM (ft) TO (ft) <u>7 1/4</u> Surface <u>20</u> <u>6 3/4</u> 20 <u>107</u>		7) DRILLING METHOD (Check): <input type="checkbox"/> Driven <input checked="" type="checkbox"/> Air Rotary <input checked="" type="checkbox"/> Rotary <input type="checkbox"/> Bored <input type="checkbox"/> Air Hammer <input type="checkbox"/> Cable Tool <input type="checkbox"/> Jetted <input type="checkbox"/> Other	
From (ft) To (ft) Description and color of formation material		8) Borehole Completion (Check): <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Straight Graf <input type="checkbox"/> Underreamed <input type="checkbox"/> Grout Packed <input type="checkbox"/> Other _____			
0-14 S 14-54 S 54-62 C 62-127 S		CASING, BLANK PIPE, AND WELL SCREEN DATA: DIA (in) Type or Use: <u>4" PVC</u> Setting (ft) From To Casing Color Screen <u>4" PVC</u> <u>97</u> <u>107</u> <u>Sch 40</u> <u>WR</u>			
9) CEMENTING DATA Concentration: <u>0</u> to <u>20</u> lbs per sack used <u>115lb</u> Method used: <u>Hand mix</u> Comments: <u>Hand mix</u> Distance to septic system, field lines or other contaminated contamination: _____ Method of evaluation of above distance: <u>City Sewer</u>		10) SURFACE COMPLETION: <input checked="" type="checkbox"/> Open End Surface Blank installed <input type="checkbox"/> Specified Diameter Blank installed <input type="checkbox"/> Filtered Adapter Used <input type="checkbox"/> Approved Alternative Procedure Used			
11) WATER LEVEL Static Level: <u>34</u> ft below land surface Date: <u>9-8-2000</u> Artesian Flow: _____ gpm Date: _____		12) PACKERS: _____ Type _____ Depth _____			
13) TYPE PUMP <input type="checkbox"/> Turbine <input type="checkbox"/> AC <input checked="" type="checkbox"/> Variable <input type="checkbox"/> Cylinders Other: _____ Depth to pump bowls, cylinders, etc.: <u>80</u> ft		14) WELL TESTS: Type(s) <input type="checkbox"/> Pump <input type="checkbox"/> Beat <input checked="" type="checkbox"/> Wellhead <input checked="" type="checkbox"/> Permeameter Yield: <u>100</u> gpm with _____ ft drawdown after _____ hrs			
15) WATER QUALITY: Did you knowingly penetrate any strata which contained undesirable constituents? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, submit REPORT OF UNDESIRABLE WATER Type of water? _____ Depth of strata? _____ Was a chemical analysis made? <input type="checkbox"/> Yes <input type="checkbox"/> No		16) I certify that I drilled this well (or the well was drilled under my direct supervision) and that each and all of the statements herein are true and correct. I understand that failure to complete items 1 through 15 will result in the logs being returned for completion and resubmission. COMPANY NAME: <u>Lowie Water Wells Inc</u> WELL DRILLER'S LICENSE NO: <u>7182 WI</u> ADDRESS: <u>P.O. Box 89</u> <u>Porter</u> COUNTY: <u>TEXAS</u> ZIP: <u>77365</u> (Signed) <u>Lowie & Lowie</u> (Registered Driller/Owner)			

Please attach electrical log, chemical analysis, and other pertinent information, if available.

TDLR FORM OCT-99 (418) White - OWNER Yellow - DRILLER Pink - WELL OWNER

[Back to Report Summary](#)

GeoSearch www.geo-search.com 888-396-0042

Harris Galveston Subsidence District Water Wells (HGSD)

MAP ID# 16

Distance from Property: 0.34 mi. SW

WELL ID: 8817
OWNER'S NAME: SULLIVAN, DANIEL J.
YEAR DRILLED: 1962
DEPTH DRILLED: 135'
STATIC LEVEL: 100'
WATER USAGE: DOMESTIC SUPPLY
WELL STATUS: ACTIVE
LONGITUDE: -95.253055556
LATITUDE: 30.036388889
SOURCE: HGSD

[Back to Report Summary](#)

Submitted Drillers Report Database (SDRD)

[MAP ID# 17](#)

Distance from Property: 0.35 mi. W

TRACK #: 234768

DATE ENTERED: 11/05/2010

OWNER NAME: STERLING HONDA

OWNER ADDRESS: 22575 HWY 59 N.

KINGWOOD, TX 77339

COUNTY: MONTGOMERY

LATITUDE: 30.04028 LONGITUDE: -95.25583

WELL LOG:

DRILLING DATE (STARTED): 10/29/10

DRILLING DATE (COMPLETED): 10/29/10

DEPTH DRILLED: 18'

WATER LEVEL:

STATIC LEVEL: NOT REPORTED'

WATER LEVEL DATE: NOT REPORTED

TYPE OF WATER: NOT REPORTED

TYPE OF WORK:

NEW WELL: X

REPLACEMENT WELL:

DEEPENING:

RECONDITIONING:

PROPOSED USE:

MONITOR WELL: X

DOMESTIC:

ENVIRONMENTAL SOIL BORING:

TEST WELL:

INDUSTRIAL:

GEOHERMAL HEAT LOOP:

IRRIGATION:

INJECTION:

PUBLIC SUPPLY:

DE-WATERING:

STOCK:

RIG SUPPLY:

COMPANY INFORMATION:

COMPANY NAME: STRATA CORE DRILLING CO.

COMPANY ADDRESS: 5066 BRUSH CREEK RD.

FORT WORTH, TX 76119

[Back to Report Summary](#)

Submitted Drillers Report Database (SDRD)

[MAP ID# 17](#)

Distance from Property: 0.35 mi. W

TRACK #: 234766

DATE ENTERED: 11/05/2010

OWNER NAME: STERLING HONDA

OWNER ADDRESS: 22575 HWY 59 N.

KINGWOOD, TX 77339

COUNTY: MONTGOMERY

LATITUDE: 30.04028 LONGITUDE: -95.25583

WELL LOG:

DRILLING DATE (STARTED): 10/29/10

DRILLING DATE (COMPLETED): 10/29/10

DEPTH DRILLED: 18'

WATER LEVEL:

STATIC LEVEL: NOT REPORTED'

WATER LEVEL DATE: NOT REPORTED

TYPE OF WATER: NOT REPORTED

TYPE OF WORK:

NEW WELL:

REPLACEMENT WELL:

DEEPENING:

RECONDITIONING:

PROPOSED USE:

MONITOR WELL:

DOMESTIC:

ENVIRONMENTAL SOIL BORING:

TEST WELL:

INDUSTRIAL:

GEOHERMAL HEAT LOOP:

IRRIGATION:

INJECTION:

PUBLIC SUPPLY:

DE-WATERING:

STOCK:

RIG SUPPLY:

COMPANY INFORMATION:

COMPANY NAME: STRATA CORE DRILLING CO.

COMPANY ADDRESS: 5066 BRUSH CREEK RD.

FORT WORTH, TX 76119

[Back to Report Summary](#)

Submitted Drillers Report Database (SDRD)

[MAP ID# 18](#)

Distance from Property: 0.38 mi. NE

TRACK #: 174835

DATE ENTERED: 04/15/2009

OWNER NAME: MARYLYN COOK

OWNER ADDRESS: 711 MASTER'S WAY
KINGWOOD, TX 77339

COUNTY: HARRIS

LATITUDE: 30.04472 LONGITUDE: -95.24583

WELL LOG:

DRILLING DATE (STARTED): 03/28/05

DRILLING DATE (COMPLETED): 03/28/05

DEPTH DRILLED: 132'

WATER LEVEL:

STATIC LEVEL: 29'

WATER LEVEL DATE: 03/28/2005

TYPE OF WATER: NOT REPORTED

TYPE OF WORK:

NEW WELL: X

DEEPENING:

REPLACEMENT WELL:

RECONDITIONING:

PROPOSED USE:

MONITOR WELL:

TEST WELL:

IRRIGATION: X

DE-WATERING:

DOMESTIC:

INDUSTRIAL:

INJECTION:

STOCK:

ENVIRONMENTAL SOIL BORING:

GEOHERMAL HEAT LOOP:

PUBLIC SUPPLY:

RIG SUPPLY:

COMPANY INFORMATION:

COMPANY NAME: LOWE WATER WELLS, INC.

COMPANY ADDRESS: P.O. BOX 89

PORTER, TX 77365

[Back to Report Summary](#)

Submitted Drillers Report Database (SDRD)

MAP ID# 18

Distance from Property: 0.38 mi. NE

TRACK #: 112206

DATE ENTERED: 05/16/2007

OWNER NAME: FRANK STOMER

OWNER ADDRESS: 714 MASTERS WAY
KINGWOOD, TX 77339

COUNTY: HARRIS

LATITUDE: 30.04444 LONGITUDE: -95.24555

WELL LOG:

DRILLING DATE (STARTED): 08/14/05

DRILLING DATE (COMPLETED): 08/14/05

DEPTH DRILLED: 120'

WATER LEVEL:

STATIC LEVEL: 20'

WATER LEVEL DATE: 08/15/2005

TYPE OF WATER: FRESH

TYPE OF WORK:

NEW WELL: X

DEEPENING:

REPLACEMENT WELL:

RECONDITIONING:

PROPOSED USE:

MONITOR WELL:

TEST WELL:

IRRIGATION:

DE-WATERING:

DOMESTIC: X

INDUSTRIAL:

INJECTION:

STOCK:

ENVIRONMENTAL SOIL BORING:

GEOHERMAL HEAT LOOP:

PUBLIC SUPPLY:

RIG SUPPLY:

COMPANY INFORMATION:

COMPANY NAME: R&D WATER WELLS

COMPANY ADDRESS: PO BOX 230
HUFFMAN, TX 77336

[Back to Report Summary](#)

Texas Commission on Environmental Quality Water Wells (TCEQ)

MAP ID# 19

Distance from Property: 0.38 mi. NE

ID NUMBER: TX170359

STATE ID : 60-63-4

OWNER NAME: LAURA HEILERS

DATE DRILLED: 04/24/2001

DEPTH DRILLED: 360'

STATIC LEVEL: 115'

WATER USAGE: IRRIGATION

LONGITUDE: -95.246846000

LATITUDE: 30.045358000

1 PAGE(S) OF DRILLERS' LOGS

Texas Commission on Environmental Quality Water Wells (TCEQ)

Page # 1 out of 1
Water Well ID: 170359

Send original copy by certified return receipt requested mail to: TDLR, P.O. Box 12167, Austin, TX 78711

ATTENTION OWNER: Confidentiality Privilege Notice on reverse side of Well Owner's copy only		State of Texas WELL REPORT		Texas Department of Licensing & Regulation P.O. Box 12167 Austin, TX 78711 512-463-7880																																	
1) OWNER <u>Lowell Hillers</u>		ADDRESS <u>2035 Phyllis Bth Kildiversity TX 77739</u>																																			
2) ADDRESS OF WELL'S LOCATION County <u>Harris</u>		Same		Grid # <u>60-63-4</u>																																	
3) TYPE OF WORK (Check): <input type="checkbox"/> New Well <input type="checkbox"/> Drilling <input type="checkbox"/> Reconditioning <input type="checkbox"/> Plugging		4) PROPOSED USE (Check): <input type="checkbox"/> Municipal <input type="checkbox"/> Environmental Soil Boring <input type="checkbox"/> Domestic <input type="checkbox"/> Industrial <input type="checkbox"/> Irrigation <input type="checkbox"/> Injection <input type="checkbox"/> Public Supply <input type="checkbox"/> Decontaminating <input type="checkbox"/> Test/Spot If Public Supply well, were plans submitted to the THRCO? <input type="checkbox"/> Yes <input type="checkbox"/> No		5)																																	
6) WELL LOG: Date Drilling: _____ Started <u>4-23-01</u> Completed <u>4-24-01</u>		DIMETER OF HOLE: Dia. (in.) From (ft.) To (ft.) <u>7 3/4</u> Surface <u>20</u> <u>6 3/4</u> <u>20</u> <u>299</u> <u>4 1/2</u> <u>292</u> <u>360</u>		7) DRILLING METHOD (Check): <input type="checkbox"/> Down <input checked="" type="checkbox"/> Air Rotary <input type="checkbox"/> Rotary <input type="checkbox"/> Bore <input type="checkbox"/> Air Hammer <input type="checkbox"/> Cable Tool <input type="checkbox"/> Jetted <input type="checkbox"/> Other																																	
From (ft.) To (ft.) Description and color of formation material		8) Borehole Completion (Check): <input type="checkbox"/> Clean Hole <input type="checkbox"/> Straight Wall <input type="checkbox"/> Underreamed <input type="checkbox"/> Gravel Packd <input checked="" type="checkbox"/> 2-String If Gravel Packd give interval from _____ ft. to _____ ft.																																			
From (ft.) To (ft.) Description and color of formation material		CASING, BLANK PIPE, AND WELL SCREEN DATA																																			
0-8 8-20 20-25 25-29 29-33 33-35 35-38 38-40 40-42 42-44 44-46 46-48 48-50 50-52 52-54 54-56 56-58 58-60 60-62 62-64 64-66 66-68 68-70 70-72 72-74 74-76 76-78 78-80 80-82 82-84 84-86 86-88 88-90 90-92 92-94 94-96 96-98 98-100 100-102 102-104 104-106 106-108 108-110 110-112 112-114 114-116 116-118 118-120 120-122 122-124 124-126 126-128 128-130 130-132 132-134 134-136 136-138 138-140 140-142 142-144 144-146 146-148 148-150 150-152 152-154 154-156 156-158 158-160 160-162 162-164 164-166 166-168 168-170 170-172 172-174 174-176 176-178 178-180 180-182 182-184 184-186 186-188 188-190 190-192 192-194 194-196 196-198 198-200 200-202 202-204 204-206 206-208 208-210 210-212 212-214 214-216 216-218 218-220 220-222 222-224 224-226 226-228 228-230 230-232 232-234 234-236 236-238 238-240 240-242 242-244 244-246 246-248 248-250 250-252 252-254 254-256 256-258 258-260 260-262 262-264 264-266 266-268 268-270 270-272 272-274 274-276 276-278 278-280 280-282 282-284 284-286 286-288 288-290 290-292 292-294 294-296 296-298 298-300 300-302 302-304 304-306 306-308 308-310 310-312 312-314 314-316 316-318 318-320 320-322 322-324 324-326 326-328 328-330 330-332 332-334 334-336 336-338 338-340 340-342 342-344 344-346 346-348 348-350 350-352 352-354 354-356 356-358 358-360 360-362 362-364 364-366 366-368 368-370 370-372 372-374 374-376 376-378 378-380 380-382 382-384 384-386 386-388 388-390 390-392 392-394 394-396 396-398 398-400 400-402 402-404 404-406 406-408 408-410 410-412 412-414 414-416 416-418 418-420 420-422 422-424 424-426 426-428 428-430 430-432 432-434 434-436 436-438 438-440 440-442 442-444 444-446 446-448 448-450 450-452 452-454 454-456 456-458 458-460 460-462 462-464 464-466 466-468 468-470 470-472 472-474 474-476 476-478 478-480 480-482 482-484 484-486 486-488 488-490 490-492 492-494 494-496 496-498 498-500 500-502 502-504 504-506 506-508 508-510 510-512 512-514 514-516 516-518 518-520 520-522 522-524 524-526 526-528 528-530 530-532 532-534 534-536 536-538 538-540 540-542 542-544 544-546 546-548 548-550 550-552 552-554 554-556 556-558 558-560 560-562 562-564 564-566 566-568 568-570 570-572 572-574 574-576 576-578 578-580 580-582 582-584 584-586 586-588 588-590 590-592 592-594 594-596 596-598 598-600 600-602 602-604 604-606 606-608 608-610 610-612 612-614 614-616 616-618 618-620 620-622 622-624 624-626 626-628 628-630 630-632 632-634 634-636 636-638 638-640 640-642 642-644 644-646 646-648 648-650 650-652 652-654 654-656 656-658 658-660 660-662 662-664 664-666 666-668 668-670 670-672 672-674 674-676 676-678 678-680 680-682 682-684 684-686 686-688 688-690 690-692 692-694 694-696 696-698 698-700 700-702 702-704 704-706 706-708 708-710 710-712 712-714 714-716 716-718 718-720 720-722 722-724 724-726 726-728 728-730 730-732 732-734 734-736 736-738 738-740 740-742 742-744 744-746 746-748 748-750 750-752 752-754 754-756 756-758 758-760 760-762 762-764 764-766 766-768 768-770 770-772 772-774 774-776 776-778 778-780 780-782 782-784 784-786 786-788 788-790 790-792 792-794 794-796 796-798 798-800 800-802 802-804 804-806 806-808 808-810 810-812 812-814 814-816 816-818 818-820 820-822 822-824 824-826 826-828 828-830 830-832 832-834 834-836 836-838 838-840 840-842 842-844 844-846 846-848 848-850 850-852 852-854 854-856 856-858 858-860 860-862 862-864 864-866 866-868 868-870 870-872 872-874 874-876 876-878 878-880 880-882 882-884 884-886 886-888 888-890 890-892 892-894 894-896 896-898 898-900 900-902 902-904 904-906 906-908 908-910 910-912 912-914 914-916 916-918 918-920 920-922 922-924 924-926 926-928 928-930 930-932 932-934 934-936 936-938 938-940 940-942 942-944 944-946 946-948 948-950 950-952 952-954 954-956 956-958 958-960 960-962 962-964 964-966 966-968 968-970 970-972 972-974 974-976 976-978 978-980 980-982 982-984 984-986 986-988 988-990 990-992 992-994 994-996 996-998 998-1000		<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Dia. (in.)</th> <th>How Used</th> <th>Size, Plastic, etc.</th> <th>Screen Mfg. # Commercial</th> <th>Setting (ft.)</th> <th>From</th> <th>To</th> <th>Gauge Casing Screen</th> </tr> </thead> <tbody> <tr> <td>4</td> <td>N</td> <td>PIE</td> <td></td> <td>0</td> <td>292</td> <td>292</td> <td>2740</td> </tr> <tr> <td>2 1/2</td> <td>N</td> <td>PIE Screen</td> <td></td> <td>292</td> <td>312</td> <td>312</td> <td>4510</td> </tr> <tr> <td>2 1/2</td> <td>N</td> <td>PIE Liner</td> <td></td> <td>289 1/2</td> <td>292</td> <td>292</td> <td>5440</td> </tr> </tbody> </table>				Dia. (in.)	How Used	Size, Plastic, etc.	Screen Mfg. # Commercial	Setting (ft.)	From	To	Gauge Casing Screen	4	N	PIE		0	292	292	2740	2 1/2	N	PIE Screen		292	312	312	4510	2 1/2	N	PIE Liner		289 1/2	292	292	5440
Dia. (in.)	How Used	Size, Plastic, etc.	Screen Mfg. # Commercial	Setting (ft.)	From	To	Gauge Casing Screen																														
4	N	PIE		0	292	292	2740																														
2 1/2	N	PIE Screen		292	312	312	4510																														
2 1/2	N	PIE Liner		289 1/2	292	292	5440																														
13) <input type="checkbox"/> Well plugged within 48 hours Casing left in well _____ Cement/Grout placed in well _____ Viscosity _____ From (ft.) To (ft.) From (ft.) To (ft.)		9) CEMENTING DATA Cementation: <u>242</u> # <u>242</u> # No. of sacks used <u>5</u> <u>0</u> # <u>10</u> # No. of sacks used <u>11</u> Method used <u>Circ. Method</u> Cemented by <u>Low Water Wells, Inc.</u> Disinfectant system selected or other cemented contamination _____ Method of verification of above distance <u>City Screen</u>																																			
14) TYPE PUMP: <input type="checkbox"/> Turbine <input type="checkbox"/> Air <input checked="" type="checkbox"/> Centrifugal <input type="checkbox"/> Cylindrical <input type="checkbox"/> Other _____ Depth to pump bowls, collector pit, etc. <u>180</u> ft.		10) SURFACE COMPLETION <input checked="" type="checkbox"/> Specified Surface Disinfectant <input type="checkbox"/> Specified Diesel Slurry Installed <input type="checkbox"/> Filter Adapter Used <input type="checkbox"/> Approved Alternative Procedure Used																																			
15) WELL TESTS: Type used <input type="checkbox"/> Pump <input type="checkbox"/> Bail <input type="checkbox"/> Sealed <input checked="" type="checkbox"/> Unsealed Yield _____ gpm with _____ ft. drawdown after _____ hrs		11) WATER LEVEL: Static level <u>115</u> ft. below land surface Date <u>4-24-01</u> Artificial flow _____ gpm Date _____																																			
16) WATER QUALITY: Did you knowingly penetrate any toxic or radioactive contaminant concentration? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, submit "REPORT OF UNDESIRABLE WATER" Type of water? _____ Depth of water _____ Was a chemical analysis made? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		12) PACKERS: Dia. (in.) Type Depth (ft.) <u>4 x 2 1/2</u> <u>RRR K Pack</u> <u>0</u> <u>287 1/2</u>																																			
I certify that I drilled this well (or the well was drilled under my direct supervision) and that each and all of the statements made hereon are true and correct. I understand that failure to complete items 1 thru 15 will result in the Log(s) being returned for completion and resubmittal.																																					
COMPANY NAME <u>Low Water Wells, Inc.</u>		WELL DRILLER'S LICENSE NO. <u>4028 WI</u>																																			
ADDRESS <u>P.O. Box 81</u>		<u>Porter TX 77365</u>																																			
(Signed) <u>Henry W. Lowe</u>		(Signed) _____																																			

TDLR FORM 001-WWD (4/98)

Please attach electric log, chemical analysis, and other pertinent information, if available.

White - TDLR Yellow - DRILLER Pink - WELL OWNER

TX100634055

[Back to Report Summary](#)

GeoSearch www.geo-search.com 888-396-0042

Submitted Drillers Report Database (SDRD)

MAP ID# 20

Distance from Property: 0.39 mi. NW

TRACK #: 31745

DATE ENTERED: 01/29/2004

OWNER NAME: BROWN, SHAWN

OWNER ADDRESS: 2501 SOUTH MASON RD
KATY, TX 77450

COUNTY: MONTGOMERY

LATITUDE: 30.04361 LONGITUDE: -95.25556

WELL LOG:

DRILLING DATE (STARTED): 01/23/04

DRILLING DATE (COMPLETED): 01/26/04

DEPTH DRILLED: 366'

WATER LEVEL:

STATIC LEVEL: 116'

WATER LEVEL DATE: NOT REPORTED

TYPE OF WATER: DESIRABLE

TYPE OF WORK:

NEW WELL: X

DEEPENING:

REPLACEMENT WELL:

RECONDITIONING:

PROPOSED USE:

MONITOR WELL:

TEST WELL:

IRRIGATION:

DE-WATERING:

DOMESTIC:

INDUSTRIAL:

INJECTION:

STOCK:

ENVIRONMENTAL SOIL BORING:

GEOHERMAL HEAT LOOP:

PUBLIC SUPPLY: X

RIG SUPPLY:

COMPANY INFORMATION:

COMPANY NAME: WEISINGER WATER WELL, INC.

COMPANY ADDRESS: 2200 EAST DAVIS
CONROE, TX 77301

[Back to Report Summary](#)

Texas Commission on Environmental Quality Water Wells (TCEQ)

[MAP ID# 21](#)

Distance from Property: 0.40 mi. E

ID NUMBER: TX170355

STATE ID : 60-63-4

OWNER NAME: JEFF BLACK

DATE DRILLED: 05/10/2000

DEPTH DRILLED: 100'

STATIC LEVEL: 20'

WATER USAGE: DOMESTIC/ IRRIGATION

LONGITUDE: -95.243808000

LATITUDE: 30.042752000

1 PAGE(S) OF DRILLERS' LOGS

Texas Commission on Environmental Quality Water Wells (TCEQ)

Page # 1 out of 1
Water Well ID: 170355

Send original copy by certified return receipt requested mail to: TCLR, P.O. Box 12157, Austin, TX 78711

ATTENTION OWNER: Confidentiality Privilege Notice on reverse side of Well Owner's copy (pink)		State of Texas WELL REPORT		Texas Department of Licensing & Regulation P.O. Box 12157 Austin, TX 78711 512-463-7000																			
1) OWNER <u>Black, Jeff</u>		ADDRESS <u>823 St Andrews Kingwood TX 77339</u>																					
2) ADDRESS OF WELL'S LOCATION County <u>Harris</u>		ADDRESS <u>same as above</u>		City <u>Kingwood</u>	State <u>TX</u>																		
3) TYPE OF WORK (check): <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Deepening <input type="checkbox"/> Reconditioning <input type="checkbox"/> Plugging		14) PROPOSED USE (check): <input type="checkbox"/> Municipal <input type="checkbox"/> Environmental Soil Boring <input checked="" type="checkbox"/> Domestic <input type="checkbox"/> Industrial <input checked="" type="checkbox"/> Irrigation <input type="checkbox"/> Injection <input type="checkbox"/> Public Supply <input type="checkbox"/> Dewatering <input type="checkbox"/> Testwell If Public Supply well, were plans submitted to the TNRCC? <input type="checkbox"/> Yes <input type="checkbox"/> No		5) <input type="checkbox"/> Other																			
6) WELL LOG: Date Drilling: _____ Started <u>05-10-2000</u> Completed <u>05-10-2000</u>		DIAMETER OF HOLE Dr. to 1' <u>07</u> From 1' to 2' <u>100</u> Surface _____ To 10' _____		7) DRILLING METHOD (check): <input type="checkbox"/> Driven <input type="checkbox"/> A- Rotary <input checked="" type="checkbox"/> Mud Rotary <input type="checkbox"/> Bored <input type="checkbox"/> Air Hammer <input type="checkbox"/> Cable Tool <input type="checkbox"/> Jetted <input type="checkbox"/> Other _____																			
8) Borehole Completion (check): <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Straight Wall <input type="checkbox"/> Underreamed <input type="checkbox"/> Gravel Packed <input type="checkbox"/> Other _____ If Gravel Packed give interval from _____ ft. to _____ ft.		CASING, BLANK PIPE, AND WELL SCREEN DATA																					
9) GEMMENTING DATA Connections _____ ft. to _____ ft. No. of backwashed _____ ft. to _____ ft. No. of backwashed _____ Method used: <u>Surfing</u> Completed by: <u>R & L</u> Distance to septic system field lines or other concentrated contamination: <u>N/A</u> Method of verification of lateral distance: <u>Probe System</u>		<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Dr. (ft.)</th> <th>Int. (ft.)</th> <th>Steel, Plastic, etc. Screen Mfg. & Commercial</th> <th>Setting (ft.) From</th> <th>To</th> <th>Gravel Casing Screen</th> </tr> </thead> <tbody> <tr> <td>04</td> <td>100</td> <td>Pvc well casing</td> <td>150</td> <td>100</td> <td>08</td> </tr> <tr> <td>04</td> <td>100</td> <td>Pvc screen</td> <td>150</td> <td>100</td> <td>08</td> </tr> </tbody> </table>				Dr. (ft.)	Int. (ft.)	Steel, Plastic, etc. Screen Mfg. & Commercial	Setting (ft.) From	To	Gravel Casing Screen	04	100	Pvc well casing	150	100	08	04	100	Pvc screen	150	100	08
Dr. (ft.)	Int. (ft.)	Steel, Plastic, etc. Screen Mfg. & Commercial	Setting (ft.) From	To	Gravel Casing Screen																		
04	100	Pvc well casing	150	100	08																		
04	100	Pvc screen	150	100	08																		
10) SURFACE COMPLETION <input type="checkbox"/> Specified Surface Disks Installed <input checked="" type="checkbox"/> Specified Street Closures Installed <input type="checkbox"/> Flaming Adaptor Used <input type="checkbox"/> Appointed Alternative Procedure Used		11) WATER LEVEL Static level <u>020</u> ft. below land surface Date <u>05-10-2000</u> Artesian flow _____ gpm. Date _____																					
12) PACKERS Type <u>Shirley</u> Depth <u>50-50</u>		13) WELL PLUGGED WITHIN 48 HOURS <input type="checkbox"/> Well plugged within 48 hours Casing left in well _____ Cement to bottom placed in well _____ Cracks noted _____ Driven (ft.) _____ Tie (ft.) _____ From (ft.) _____ To (ft.) _____																					
14) TYPE PUMP <input type="checkbox"/> Turbine <input type="checkbox"/> Jet <input checked="" type="checkbox"/> Submersible <input type="checkbox"/> Cylinder <input type="checkbox"/> Other _____ Depth to pump below cylinder jet, etc. <u>060</u> ft.		15) WELL TESTS Type test <input checked="" type="checkbox"/> Pump <input type="checkbox"/> Baker <input type="checkbox"/> Jetted <input type="checkbox"/> Estimate Yield <u>25</u> gpm with _____ ft. drawdown after <u>02</u> hrs.																					
16) WATER QUALITY Did you knowingly permeate any state which contained undesirable constituents? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, submit REPORT OF UNDESIRABLE WATER Type of water? _____ Depth of state? _____ Was chemical analysis made? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		I certify that I drilled this well (or the well was drilled under my direct supervision) and that each and all of the statements herein are true and correct. I understand that failure to complete items 1 thru 18 will result in the logs being returned for completion and resubmittal.																					
COMPANY NAME <u>R & L Water Wells</u> (Type or print)		WELL DRILLER'S LICENSE NO. <u>01952W1</u>																					
ADDRESS <u>P.O. Box 1324</u> (Street or R.F.D.)		City <u>Huffman</u> State <u>TX</u> Zip <u>77336</u>																					
(Signed) <u>William C. Huff</u> (Licensed Well Driller)		(Signed) _____ (Registered Driller/Trainer)																					

Please attach electric log, chemical analysis, and other pertinent information, if available.

TCLR FORM 001 (2/98) WDRP - TCLR YR01V - CHILCEN Fink - WELL OWNER

TX0010340151

[Back to Report Summary](#)

www.geo-search.com 888-396-0042

Order# 35891 Job# 79554
48 of 73

Harris Galveston Subsidence District Water Wells (HGSD)

[MAP ID# 22](#)

Distance from Property: 0.40 mi. SW

WELL ID: **4369**
OWNER'S NAME: **SUNBELT NURSERY GROUP**
YEAR DRILLED: **NOT REPORTED**
DEPTH DRILLED: **0'**
STATIC LEVEL: **NOT REPORTED**
WATER USAGE: **OTHER**
WELL STATUS: **PLUGGED**
LONGITUDE: **-95.253333333**
LATITUDE: **30.035555556**
SOURCE: **HGSD**

[Back to Report Summary](#)

Texas Commission on Environmental Quality Water Wells (TCEQ)

MAP ID# 23

Distance from Property: 0.41 mi. NE

ID NUMBER: TX170358

STATE ID: 60-63-4

OWNER NAME: DUDLEY DEARMAN

DATE DRILLED: 09/22/2000

DEPTH DRILLED: 120'

STATIC LEVEL: 33'

WATER USAGE: IRRIGATION

LONGITUDE: -95.244536000

LATITUDE: 30.044206000

1 PAGE(S) OF DRILLERS' LOGS

Texas Commission on Environmental Quality Water Wells (TCEQ)

Page # 1 out of 1
Water Well ID: 170358

Send original copy by certified return receipt requested mail to: TDLR, P.O. Box 12157, Austin, TX 78711

ATTENTION OWNER: Confidentiality Provide label on reverse side of Well Owner's copy (pink)		State of Texas WELL REPORT		Texas Department of Licensing & Regulation P.O. Box 12157 Austin, TX 78711 512-463-7380																			
1) OWNER <u>Dudley Dearman</u>		ADDRESS <u>1910 Players Path Kingwood, TX 77339</u>																					
2) ADDRESS OF WELL'S LOCATION County <u>Harris</u>		Same		Long <u>60-05-4</u>																			
3) TYPE OF WORK (Check): <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Deepening <input type="checkbox"/> Reconditioning <input type="checkbox"/> Plugging		4) PROPOSED USE (Check): <input type="checkbox"/> Domestic <input type="checkbox"/> Environmental/Sal Sealing <input type="checkbox"/> Industrial <input checked="" type="checkbox"/> Injection <input type="checkbox"/> Public Supply well, were plans submitted to the TNRDCT? Yes <input type="checkbox"/> No <input type="checkbox"/>		5) <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Well																			
6) WELL LOG: Date Drilling <u>9-22-00</u> Started <u>9-22-00</u> Completed <u>9-22-00</u>		DIAMETER OF HOLE <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>From (ft)</th> <th>To (ft)</th> <th>Size (in)</th> <th>Depth (ft)</th> </tr> <tr> <td>0</td> <td>12</td> <td>7 7/8</td> <td>20</td> </tr> <tr> <td>12</td> <td>40</td> <td>6 3/4</td> <td>20</td> </tr> </table>		From (ft)	To (ft)	Size (in)	Depth (ft)	0	12	7 7/8	20	12	40	6 3/4	20	7) DRILLING METHOD (Check): <input type="checkbox"/> Air Rotary <input checked="" type="checkbox"/> Rotary <input type="checkbox"/> Bored <input type="checkbox"/> Air Hammer <input type="checkbox"/> Cable Tool <input type="checkbox"/> Jetted <input type="checkbox"/> Other							
From (ft)	To (ft)	Size (in)	Depth (ft)																				
0	12	7 7/8	20																				
12	40	6 3/4	20																				
From (ft) To (ft) Description and color of formation material: 0-12 S 12-40 S 40-52 S 52-114 S 114-120 C		8) Borehole Completion (Check): <input type="checkbox"/> Unfinished <input type="checkbox"/> Gravel Packed <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Gravel Packed give interval from _____ ft to _____ ft																					
		CASING, BLANK PIPE, AND WELL SCREEN DATA <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>Dia. (in.)</th> <th>Type or Use</th> <th>Case Plastic, etc. Perf Slotted, etc. Screen Mfg. (if commercial)</th> <th>Setting (ft) From</th> <th>To</th> <th>Cage Casing Screen</th> </tr> <tr> <td>4</td> <td>N</td> <td>PVC</td> <td>0</td> <td>96</td> <td>5/8" #8</td> </tr> <tr> <td>4</td> <td>N</td> <td>PVC Screen</td> <td>96</td> <td>100</td> <td>#8</td> </tr> </table>				Dia. (in.)	Type or Use	Case Plastic, etc. Perf Slotted, etc. Screen Mfg. (if commercial)	Setting (ft) From	To	Cage Casing Screen	4	N	PVC	0	96	5/8" #8	4	N	PVC Screen	96	100	#8
Dia. (in.)	Type or Use	Case Plastic, etc. Perf Slotted, etc. Screen Mfg. (if commercial)	Setting (ft) From	To	Cage Casing Screen																		
4	N	PVC	0	96	5/8" #8																		
4	N	PVC Screen	96	100	#8																		
9) Well plugged under 48 hours Casing left in well: _____ Cement bottomed placed in well: _____ Slicks used: _____ From (ft) To (ft) From (ft) To (ft)		9) CEMENTING DATA Cementation _____ ft to _____ ft No. of sacks used _____ Method used <u>Hand Mix</u> Cemented by <u>Low Water Wells, Inc</u> Distance to septic system, field lines or other source related contamination: _____ Method of verification of above distance: <u>city sewer</u>																					
14) TURBINE: <input type="checkbox"/> Turbine <input type="checkbox"/> Jet <input checked="" type="checkbox"/> Submersible <input type="checkbox"/> Cylinder Depth to pump below cylinder jet, etc.: <u>80</u> ft		10) SURFACE COMPLETION <input checked="" type="checkbox"/> Approved Surface Slat installed <input type="checkbox"/> Screened Steel Sleeve installed <input type="checkbox"/> Pressure Adapter Used <input type="checkbox"/> Approved Alternative Procedure Used																					
15) WELL TESTS Type used: <input type="checkbox"/> Pump <input type="checkbox"/> Baker <input checked="" type="checkbox"/> Method <input type="checkbox"/> Drawdown Yield <u>80</u> gpm with _____ ft drawdown after _____ min.		11) WATER LEVELS Static level <u>32 1/2</u> ft below land surface Date <u>9-22-00</u> Artificial flow _____ gpm Date _____																					
16) WATER QUALITY Did you knowingly penetrate any strata which contained undesirable constituents? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> If yes, submit REPORT OF UNDESIRABLE WATER Type of water? _____ Depth of strata? _____ Was action taken? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		12) PACKERS Type _____ Depth _____																					
I certify that I drilled this well for the well was drilled under my direct supervision and that each and all of the statements herein are true and correct. I understand that failure to complete items 1 thru 10 will result in the log(s) being returned for completion and resubmission.																							
COMPANY NAME <u>Low Water Wells, Inc</u>		WELL DRILLER'S LICENSE NO. <u>4028 WE</u>																					
ADDRESS <u>P.O. Box 89</u>		<u>Porter TX 77365</u>																					
(Signed) <u>Larry W. Lowe</u> (Licensed Well Driller)		(Signed) _____ (Registered Well Driller)																					

TDLR FORM DW-100 (4-98)

Water - 1202-R

Method - DIRECT

Pink - WELL 01022-R

TX606310154

[Back to Report Summary](#)

GeoSearch www.geo-search.com 888-396-0042

Texas Commission on Environmental Quality Water Wells (TCEQ)

[MAP ID# 24](#)

Distance from Property: 0.41 mi. NE

ID NUMBER: TX170308

STATE ID : 60-63-4

OWNER NAME: EARL WARNER

DATE DRILLED: 12/10/2000

DEPTH DRILLED: 100'

STATIC LEVEL: 20'

WATER USAGE: DOMESTIC/ IRRIGATION

LONGITUDE: -95.244130000

LATITUDE: 30.043697000

1 PAGE(S) OF DRILLERS' LOGS

Submitted Drillers Report Database (SDRD)

[MAP ID# 25](#)

Distance from Property: 0.41 mi. NE

TRACK #: 12933

DATE ENTERED: 10/14/2002

OWNER NAME: A. J. TOMASINN

OWNER ADDRESS: 2006 PLAYERS PATH
KINGWOOD, TX 77339

COUNTY: HARRIS

LATITUDE: 30.04472 LONGITUDE: -95.24500

WELL LOG:

DRILLING DATE (STARTED): 09/27/02

DRILLING DATE (COMPLETED): 09/27/02

DEPTH DRILLED: 120'

WATER LEVEL:

STATIC LEVEL: 20'

WATER LEVEL DATE: 09/27/2002

TYPE OF WATER: NOT REPORTED

TYPE OF WORK:

NEW WELL: X

DEEPENING:

REPLACEMENT WELL:

RECONDITIONING:

PROPOSED USE:

MONITOR WELL:

TEST WELL:

IRRIGATION: X

DE-WATERING:

DOMESTIC:

INDUSTRIAL:

INJECTION:

STOCK:

ENVIRONMENTAL SOIL BORING:

GEOHERMAL HEAT LOOP:

PUBLIC SUPPLY:

RIG SUPPLY:

COMPANY INFORMATION:

COMPANY NAME: R & D WATER WELLS

COMPANY ADDRESS: P.O. BOX 230
HUFFMAN, TX 77336

[Back to Report Summary](#)

Submitted Drillers Report Database (SDRD)

MAP ID# 26 Distance from Property: 0.44 mi. NE

TRACK #: 157461

DATE ENTERED: 10/27/2008

OWNER NAME: GEAN DUBOIS

OWNER ADDRESS: 2014 PLAYERS PATH
KINGWOOD, TX 77339

COUNTY: HARRIS

LATITUDE: 30.04528 LONGITUDE: -95.24500

WELL LOG:

DRILLING DATE (STARTED): 07/25/08

DRILLING DATE (COMPLETED): 07/25/08

DEPTH DRILLED: 120'

WATER LEVEL:

STATIC LEVEL: 30'

WATER LEVEL DATE: 07/25/2008

TYPE OF WATER: FRESH

TYPE OF WORK:

NEW WELL:

DEEPENING:

REPLACEMENT WELL:

RECONDITIONING:

PROPOSED USE:

MONITOR WELL:

TEST WELL:

IRRIGATION:

DE-WATERING:

DOMESTIC:

INDUSTRIAL:

INJECTION:

STOCK:

ENVIRONMENTAL SOIL BORING:

GEOHERMAL HEAT LOOP:

PUBLIC SUPPLY:

RIG SUPPLY:

COMPANY INFORMATION:

COMPANY NAME: R&D WATER WELLS

COMPANY ADDRESS: PO BOX 230
HUFFMAN, TX 77336

[Back to Report Summary](#)

Submitted Drillers Report Database (SDRD)

MAP ID# 27

Distance from Property: 0.45 mi. SW

TRACK #: 167562

DATE ENTERED: 02/05/2009

OWNER NAME: MOTIVA ENTERPRISES

OWNER ADDRESS: 7750 MACARTHUR, STE 120
IRVING, TX 75063

COUNTY: HARRIS

LATITUDE: 30.03528 LONGITUDE: -95.25417

WELL LOG:

DRILLING DATE (STARTED): 07/29/08

DRILLING DATE (COMPLETED): 07/29/08

DEPTH DRILLED: 25'

WATER LEVEL:

STATIC LEVEL: NOT REPORTED

WATER LEVEL DATE: NOT REPORTED

TYPE OF WATER: NOT REPORTED

TYPE OF WORK:

NEW WELL: X

REPLACEMENT WELL:

DEEPENING:

RECONDITIONING:

PROPOSED USE:

MONITOR WELL: X

DOMESTIC:

ENVIRONMENTAL SOIL BORING:

TEST WELL:

INDUSTRIAL:

GEO THERMAL HEAT LOOP:

IRRIGATION:

INJECTION:

PUBLIC SUPPLY:

DE-WATERING:

STOCK:

RIG SUPPLY:

COMPANY INFORMATION:

COMPANY NAME: UNIVERSAL DRILLING SERVICES OF TEXAS

COMPANY ADDRESS: 3233 WEST 11TH STREET
HOUSTON, TX 77008

[Back to Report Summary](#)

Submitted Drillers Report Database (SDRD)

MAP ID# 28

Distance from Property: 0.45 mi. E

TRACK #: 9277

DATE ENTERED: 07/19/2002

OWNER NAME: FRANK LAZARINE

OWNER ADDRESS: 1623 CHESTNUT RIDGE
KINGWOOD, TX 77339

COUNTY: HARRIS

LATITUDE: 30.04028 LONGITUDE: -95.24250

WELL LOG:

DRILLING DATE (STARTED): 06/10/02

DRILLING DATE (COMPLETED): 06/10/02

DEPTH DRILLED: 120'

WATER LEVEL:

STATIC LEVEL: 20'

WATER LEVEL DATE: 06/10/2002

TYPE OF WATER: NOT REPORTED

TYPE OF WORK:

NEW WELL: X

DEEPENING:

REPLACEMENT WELL:

RECONDITIONING:

PROPOSED USE:

MONITOR WELL:

TEST WELL:

IRRIGATION: X

DE-WATERING:

DOMESTIC:

INDUSTRIAL:

INJECTION:

STOCK:

ENVIRONMENTAL SOIL BORING:

GEOHERMAL HEAT LOOP:

PUBLIC SUPPLY:

RIG SUPPLY:

COMPANY INFORMATION:

COMPANY NAME: R & D WATER WELLS

COMPANY ADDRESS: P.O. BOX 230
HUFFMAN, TX 77336

[Back to Report Summary](#)

Submitted Drillers Report Database (SDRD)

MAP ID# 29

Distance from Property: 0.45 mi. E

TRACK #: 59974

DATE ENTERED: 05/31/2005

OWNER NAME: FRED ECOFF

OWNER ADDRESS: SAME

NOT REPORTED, NOT REPORTED NOT REPORTED

COUNTY: HARRIS

LATITUDE: 30.04111 LONGITUDE: -95.24250

WELL LOG:

DRILLING DATE (STARTED): 02/16/05

DRILLING DATE (COMPLETED): 02/17/05

DEPTH DRILLED: 120'

WATER LEVEL:

STATIC LEVEL: 22'

WATER LEVEL DATE: 02/17/2005

TYPE OF WATER: FRESH

TYPE OF WORK:

NEW WELL: X

DEEPENING:

REPLACEMENT WELL:

RECONDITIONING:

PROPOSED USE:

MONITOR WELL:

TEST WELL:

IRRIGATION: X

DE-WATERING:

DOMESTIC:

INDUSTRIAL:

INJECTION:

STOCK:

ENVIRONMENTAL SOIL BORING:

GEOHERMAL HEAT LOOP:

PUBLIC SUPPLY:

RIG SUPPLY:

COMPANY INFORMATION:

COMPANY NAME: R&D WATER WELLS

COMPANY ADDRESS: PO BOX 230

HUFFMAN, TX 77336

[Back to Report Summary](#)

Texas Commission on Environmental Quality Water Wells (TCEQ)

MAP ID# 30

Distance from Property: 0.46 mi. NE

ID NUMBER: TX170270

STATE ID : 60-63-4

OWNER NAME: B.D. MARTIN,

DATE DRILLED: 03/29/2000

DEPTH DRILLED: 100'

STATIC LEVEL: 20'

WATER USAGE: DOMESTIC/ IRRIGATION

LONGITUDE: -95.244149000

LATITUDE: 30.044894000

1 PAGE(S) OF DRILLERS' LOGS

Texas Commission on Environmental Quality Water Wells (TCEQ)

Page # 1 out of 1
Water Well ID: 170270

Send original copy by certified return receipt requested mail to: TCEQ, Austin, TX 78711

ATTENTION OWNER: Confidentiality Please indicate on reverse side of this Owner's copy (2014)		State of Texas WELL REPORT		Texas Department of Licensing & Regulation P. O. Box 12157 Austin, TX 78711 512-463-7866	
1) OWNER: <u>Marlin, B.D.</u> Name		ADDRESS: <u>803 Masters Way Kingwood, TX 77339</u>		City: <u>TX</u> State: <u>TX</u> Zip: <u>77339</u>	
2) ADDRESS OF WELL'S LOCATION: County: <u>Harris</u>		Name: <u>same as above</u>		Long: _____ Lat: _____	
3) TYPE OF WORK (Check): <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Deepening <input type="checkbox"/> Reconditioning <input type="checkbox"/> Plugging		4) PROPOSED USE (Check): <input type="checkbox"/> Monitor <input type="checkbox"/> Environmental Soil Boring <input checked="" type="checkbox"/> Domestic <input type="checkbox"/> Industrial <input checked="" type="checkbox"/> Irrigation <input type="checkbox"/> Injection <input type="checkbox"/> Public Supply <input type="checkbox"/> Re-watering <input type="checkbox"/> Testwell If Public Supply well, were plans submitted to the TNRCC? <input type="checkbox"/> Yes <input type="checkbox"/> No		5) _____	
6) WELL LOG: Date Drilling: _____ Started: <u>03-29-00</u> Completed: <u>03-29-00</u>		DIAMETER OF HOLE Dia. (in.) From (ft.) To (ft.) <u>07</u> Surface <u>100</u>		7) DRILLING METHOD (Check): <input type="checkbox"/> Driven <input type="checkbox"/> Air Rotary <input checked="" type="checkbox"/> Mud Rotary <input type="checkbox"/> Bored <input type="checkbox"/> Air Hammer <input type="checkbox"/> Cable Tool <input type="checkbox"/> Jetted <input type="checkbox"/> Other _____	
8) Borehole Completion (Check): <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Straight Well <input type="checkbox"/> Underreamed <input type="checkbox"/> Gravel Packed <input type="checkbox"/> Other _____ If Gravel Packed give interval from _____ ft. to _____ ft.		9) CEMENTING DATA Cemented to: <u>top</u> ft. to <u>50</u> ft. No. of sacks used: <u>12</u> Method used: <u>SECURE</u> Connected by: <u>BTL</u> Distance to electric system facilities or other potential contamination: <u>DIA</u> Method of verification of well integrity: <u>Public System</u>		10) SURFACE COMPLETION <input type="checkbox"/> Screened Surface Disinfectant <input checked="" type="checkbox"/> Screen and Steel Sleeve installed <input type="checkbox"/> Plastic Adapter Used <input type="checkbox"/> Approved Alternative Procedure Used	
11) WATER LEVEL Static level: <u>000</u> ft. below land surface Date: <u>03-29-00</u> Artesian flow: _____ gpm Date: _____		12) PACKERS <u>Rubber</u> Feet: <u>50-90</u> Depth: <u>30-90</u>		13) <input type="checkbox"/> Well plugged within 48 hours. Casing left in well: _____ Cement system placed in well: _____ Sacks used: _____ From (ft.) To (ft.) From (ft.) To (ft.)	
14) TYPE PUMP <input type="checkbox"/> Turbine <input type="checkbox"/> Jet <input checked="" type="checkbox"/> Submersible <input type="checkbox"/> Cylinder Other: _____ Depth to pump bowls, cylinder, jet, etc.: <u>60</u> ft.		15) WELL TESTS Type test: <input checked="" type="checkbox"/> Flow <input type="checkbox"/> Back <input type="checkbox"/> Jetted <input type="checkbox"/> Calculated Yield: <u>25.00</u> gpm with <u>0</u> ft. drawdown after <u>02</u> hrs.		16) WATER QUALITY Did you thoroughly penetrate any strata which contained undesirable constituents? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, submit "REPORT OF UNDESIRABLE WATER" Type of water? _____ Depth in strata _____ Was a chemical analysis made? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
I certify that I drilled this well (or the well was drilled under my direct supervision) and that each and all of the statements herein are true and correct. I understand that failure to complete items 1 thru 16 will result in the logs being returned for completion and resubmittal.					
COMPANY NAME: <u>B & L Water Wells</u> (Type or print)		WELL DRILLER'S LICENSE NO.: <u>0195201</u>			
ADDRESS: <u>P.O. Box 1324</u> (Street or R.F.D.)		<u>Huffman</u> TX <u>77336</u> (City) (State) (Zip)			
(Signed) <u>William A. White</u> (Licensed Well Driller)		(Signed) _____ (Registered Driller Trainee)			

Please attach electric log, chemical analysis, and other pertinent information, if available.

TDLR FORM 00-100D (1-98) White - OWNER Yellow - DRILLER Pink - WELL OWNER

TX 0034 0065

[Back to Report Summary](#)

GeoSearch www.geo-search.com 888-396-0042

Submitted Drillers Report Database (SDRD)

MAP ID# 31

Distance from Property: 0.48 mi. E

TRACK #: 1444

DATE ENTERED: 07/12/2001

OWNER NAME: DOYLE, TED

OWNER ADDRESS: 3307 REDWOOD LODGE
KINGWOOD, TX 77339

COUNTY: HARRIS

LATITUDE: 30.04222 LONGITUDE: -95.24222

WELL LOG:

DRILLING DATE (STARTED): 05/30/01

DRILLING DATE (COMPLETED): 05/30/01

DEPTH DRILLED: 100'

WATER LEVEL:

STATIC LEVEL: 20'

WATER LEVEL DATE: 05/30/2001

TYPE OF WATER: NOT REPORTED

TYPE OF WORK:

NEW WELL: X

DEEPENING:

REPLACEMENT WELL:

RECONDITIONING:

PROPOSED USE:

MONITOR WELL:

TEST WELL:

IRRIGATION: X

DE-WATERING:

DOMESTIC:

INDUSTRIAL:

INJECTION:

STOCK:

ENVIRONMENTAL SOIL BORING:

GEOHERMAL HEAT LOOP:

PUBLIC SUPPLY:

RIG SUPPLY:

COMPANY INFORMATION:

COMPANY NAME: B & L WATER WELLS

COMPANY ADDRESS: P.O. BOX 1324
HUFFMAN, TX 77336

[Back to Report Summary](#)

Submitted Drillers Report Database (SDRD)

MAP ID# 31

Distance from Property: 0.48 mi. E

TRACK #: 1447

DATE ENTERED: 07/12/2001

OWNER NAME: GUEL, IRA

OWNER ADDRESS: 1727 CHESTNUT RIDGE
KINGWOOD, TX 77339

COUNTY: HARRIS

LATITUDE: 30.04222 LONGITUDE: -95.24222

WELL LOG:

DRILLING DATE (STARTED): 06/04/01

DRILLING DATE (COMPLETED): 06/04/01

DEPTH DRILLED: 100'

WATER LEVEL:

STATIC LEVEL: 20'

WATER LEVEL DATE: 06/04/2001

TYPE OF WATER: NOT REPORTED

TYPE OF WORK:

NEW WELL: X

DEEPENING:

REPLACEMENT WELL:

RECONDITIONING:

PROPOSED USE:

MONITOR WELL:

TEST WELL:

IRRIGATION: X

DE-WATERING:

DOMESTIC:

INDUSTRIAL:

INJECTION:

STOCK:

ENVIRONMENTAL SOIL BORING:

GEOHERMAL HEAT LOOP:

PUBLIC SUPPLY:

RIG SUPPLY:

COMPANY INFORMATION:

COMPANY NAME: B & L WATER WELLS

COMPANY ADDRESS: P.O. BOX 1324
HUFFMAN, TX 77336

[Back to Report Summary](#)

Harris Galveston Subsidence District Water Wells (HGSD)

[MAP ID# 31](#)

Distance from Property: 0.47 mi. E

WELL ID: 2755
OWNER'S NAME: FOREST COVE RECREATION, INC.
YEAR DRILLED: 1964
DEPTH DRILLED: 460'
STATIC LEVEL: 245'
WATER USAGE: OTHER
WELL STATUS: PLUGGED
LONGITUDE: -95.242500000
LATITUDE: 30.042500000
SOURCE: HGSD

[Back to Report Summary](#)

Texas Commission on Environmental Quality Water Wells (TCEQ)

MAP ID# 32

Distance from Property: 0.47 mi. SW

ID NUMBER: TX204988

STATE ID: N/A

OWNER NAME: WOLFE NURSERIES #04-963

DATE DRILLED: 11/20/1991

DEPTH DRILLED: NOT REPORTED'

STATIC LEVEL: NOT REPORTED'

WATER USAGE: NOT REPORTED

LONGITUDE: -95.254936000

LATITUDE: 30.035359000

1 PAGE(S) OF DRILLERS' LOGS

Submitted Drillers Report Database (SDRD)

MAP ID# 33

Distance from Property: 0.48 mi. N

TRACK #: 296997

DATE ENTERED: 08/29/2012

OWNER NAME: INSPERITY

OWNER ADDRESS: 19001 CRESCENT SPRINGS DRIVE
KINGWOOD, TX NOT REPORTED

COUNTY: HARRIS

LATITUDE: 30.04750 LONGITUDE: -95.24944

WELL LOG:

DRILLING DATE (STARTED): 08/17/12

DRILLING DATE (COMPLETED): 08/17/12

DEPTH DRILLED: 35'

WATER LEVEL:

STATIC LEVEL: NOT REPORTED'

WATER LEVEL DATE: NOT REPORTED

TYPE OF WATER: NOT REPORTED

TYPE OF WORK:

NEW WELL: X

REPLACEMENT WELL:

DEEPENING:

RECONDITIONING:

PROPOSED USE:

MONITOR WELL: X

DOMESTIC:

ENVIRONMENTAL SOIL BORING:

TEST WELL:

INDUSTRIAL:

GEOHERMAL HEAT LOOP:

IRRIGATION:

INJECTION:

PUBLIC SUPPLY:

DE-WATERING:

STOCK:

RIG SUPPLY:

COMPANY INFORMATION:

COMPANY NAME: MATHERS ENVIRONMENTAL DRILLING INC.

COMPANY ADDRESS: 12243 B. FM 529

HOUSTON, TX 77041

[Back to Report Summary](#)

Submitted Drillers Report Database (SDRD)

MAP ID# 33

Distance from Property: 0.50 mi. N

TRACK #: 296991

DATE ENTERED: 08/29/2012

OWNER NAME: INSPERITY

OWNER ADDRESS: 19001 CRESCENT SPRINGS DRIVE
KINGWOOD, TX NOT REPORTED

COUNTY: HARRIS

LATITUDE: 30.04778 LONGITUDE: -95.24972

WELL LOG:

DRILLING DATE (STARTED): 08/03/12

DRILLING DATE (COMPLETED): 08/03/12

DEPTH DRILLED: 35'

WATER LEVEL:

STATIC LEVEL: NOT REPORTED'

WATER LEVEL DATE: NOT REPORTED

TYPE OF WATER: NOT REPORTED

TYPE OF WORK:

NEW WELL: X

REPLACEMENT WELL:

DEEPENING:

RECONDITIONING:

PROPOSED USE:

MONITOR WELL: X

DOMESTIC:

ENVIRONMENTAL SOIL BORING:

TEST WELL:

INDUSTRIAL:

GEOHERMAL HEAT LOOP:

IRRIGATION:

INJECTION:

PUBLIC SUPPLY:

DE-WATERING:

STOCK:

RIG SUPPLY:

COMPANY INFORMATION:

COMPANY NAME: MATHERS ENVIRONMENTAL DRILLING INC.

COMPANY ADDRESS: 12243 B. FM 529

HOUSTON, TX 77041

[Back to Report Summary](#)

Harris Galveston Subsidence District Water Wells (HGSD)

MAP ID# 34

Distance from Property: 0.49 mi. SW

WELL ID: 3227
OWNER'S NAME: SIGMOR CORPORATION
YEAR DRILLED: 1978
DEPTH DRILLED: 400'
STATIC LEVEL: NOT REPORTED
WATER USAGE: INDUSTRIAL
WELL STATUS: PLUGGED
LONGITUDE: -95.25444444
LATITUDE: 30.03472222
SOURCE: HGSD

[Back to Report Summary](#)

Harris Galveston Subsidence District Water Wells (HGSD)

MAP ID# 35

Distance from Property: 0.49 mi. SW

WELL ID: 8450
OWNER'S NAME: GANDHI, PIYUSH
YEAR DRILLED: 2001
DEPTH DRILLED: 300'
STATIC LEVEL: 280'
WATER USAGE: OTHER
WELL STATUS: ACTIVE
LONGITUDE: -95.256666667
LATITUDE: 30.036388889
SOURCE: HGSD

[Back to Report Summary](#)

Environmental Records Definitions - FEDERAL

NWIS

United States Geological Survey National Water Information System

VERSION DATE: 11/22/13

This USGS National Water Information System database only includes groundwater wells. The USGS defines this well type as: A hole or shaft constructed in the earth intended to be used to locate, sample, or develop groundwater, oil, gas, or some other subsurface material. The diameter of a well is typically much smaller than the depth. Wells are also used to artificially recharge groundwater or to pressurize oil and gas production zones. Additional information about specific kinds of wells should be recorded under the secondary site types or the Use of Site field. Underground waste-disposal wells should be classified as waste-injection wells.

Environmental Records Definitions - STATE (TX)

SDRD Submitted Drillers Report Database

VERSION DATE: 11/01/13

This Texas Water Development Board database was created from the online Texas Well Report Submission and Retrieval System (A cooperative TDLR, TWDB system) that registered water-well drillers use to submit their required reports. The system was started in February 2001 and is optional for the drillers to use.

TCEQ Texas Commission on Environmental Quality Water Wells

VERSION DATE: NR

The Texas Commission on Environmental Quality (TCEQ) maintains a filing system of plotted and unnumbered water wells. Plotted water wells are filed according to the County indicated by the driller and the state well number assigned by State of Texas personnel. Given the available location information provided by the driller, personnel identify where the approximate well location should be. After well placement a state well number is assigned indicating that the well lies within a specific 2.5' section of a 7.5' quadrangle. This method allows for quicker, more refined, reference when researching a specific area. Unnumbered water wells have not been assigned a state well number. This can occur for a variety of reasons; however it does not mean the well cannot be accurately spotted. Unnumbered water well records are filed according to County and are often broken up by year or by a span of years.

TWDB Texas Water Development Board Groundwater Database

VERSION DATE: 02/04/14

The Texas Water Development Board Groundwater Database contains information for more than 123,500 sites in Texas including data on water wells, springs, oil/gas tests, water levels, and water quality. The purpose of the Board's data collection effort over the years has been to gain representative information about aquifers in the state in order to do water planning. It is very important, however, to realize that the wells in the database represent only a small percentage of the wells that actually exist in Texas. A registered water well driller is required by law to send in a report to the State for every well that is drilled. This requirement began in 1965, and we estimate that approximately 500,000 wells have been drilled in Texas since then. Of the 1,000,000 plus water wells drilled in Texas over the past 100 years, more than 130,000 have been inventoried and placed into the TWDB groundwater database. State well numbers have been assigned to these based on their location within numbered 7 1/2 minute quadrangles formed by lines of latitude and longitude. This database contains well information including location, depth, well type, owner, driller, construction and completion data.

WUD Water Utility Database

VERSION DATE: 02/15/11

The Water Utility Database is defined as a collection of data from Texas Water Districts, Public Drinking Water Systems and Water and Sewer Utilities who submit information to the TCEQ. This database is an integrated database designed and developed to replace over 160 stand alone legacy systems representing over 5 million records of the former Texas Water Commission and the Texas Department of Health.

GeoSearch www.geo-search.com 888-396-0042

Environmental Records Definitions - STATE (TX)

Environmental Records Definitions - LOCAL

HGSD Harris Galveston Subsidence District Water Wells

VERSION DATE: 05/07/13

The Harris-Galveston Coastal Subsidence District was created by the 64th Texas Legislature as an underground water conservation district in 1975 to provide regulation of groundwater withdrawal to control subsidence.

APPENDIX B
SITE PHOTOGRAPHS



Photo 1. View of existing tank at the current Forest Cove & Well #3 Water Facility.



Photo 2. View of existing manhole locates along the south end of the water facility.



Photo 3. View of existing electrical and chemical buildings locate on the west side of the existing water facility.



Photo 4. View from the existing water facility looking north toward the proposed new well #5 location.



Photo 5. View from the existing water facility looking east.



Photo 6. View from the existing water facility looking south.



Photo 7. View from the existing water facility looking west.



Photo 8. View of existing ditch runs east to north at the existing water facility.

APPENDIX C
HISTORICAL DOCUMENTS

CITY DIRECTORIES

City Directory Standard Report

Target Property:

*Laurel Springs Ln,
Kingwood, TX 77339*

Prepared For:

HVJ Associates-Houston

Order# : 35891

Date : 5/14/2014

City Directory Standard Report

Laurel Springs Ln, Kingwood, TX 77339

Cole Directory
Houston Suburban

2008

Laurel Springs Ln

Street Begins
1602 David Welch
1603 Michael McDaniel
1606 Sean R Falbey Jr
1607 Alan H Morales
1610 Mayra Umanzor
1611 Cindy Svetlik
1614 Natalie Livings
1615 Big Dawng On The Block
1622 Christopher L Nunez
1626 Marvin Fernandez
1627 Giovanni S Alberto
1631 Star Snacks
x [Burning Tree Rd Ints]
1702 Brett B Johnson
1703 Premier Resoucrs Intl
1710 Hardee Gillan
1713 Chris H Lettau
1715 Hildegarde S Dailey
1718 Angelica Beaumont
1722 Bradley J Albrecht
1802 Michael W McElMurray

Cole Directory
Houston Suburban

2001

Laurel Springs Ln

Street Begins
1625 City Hstn Wtr Plnt
1639 James F Crenshaw
1702 Robert B Johnson
1710 Hardee Gillan
1713 Chris Lettau
1715 Jno L Faulkinberry
1718 Dirk A Beaumont
1722 Brad Albrecht
x [Saint Andrews Rd Ints]
1802 Mike W McElmurray

Cole Directory
Houston Suburban

1996-97

Laurel Springs Ln

Street Begins
1631 James F Crenshaw
1702 Robt Johnson
1703 Yvonne Jones
1707 No Current Listing
1710 Hardee Gillan
1713 William E Simpson
1715 Mark A Griffin
1718 Dirk A Beaumont
1722 Lisa Cunn
1802 Mike W McElmurray

City Directory Standard Report

Laurel Springs Ln, Kingwood, TX 77339

Cole Directory
Houston & Harris
County

1991-92

Laurel Springs Ln

Street Begins
1631 James F Crenshaw
1702 Robert B Johnson
1703 S J Lyman
1707 No Current Listing
1710 Hardee Gillan
1713 William E Simpson
1715 John C Pease
1718 Dirk A Beaumont
1722 Bill R Atwood
1802 George A Sullivant

Cole Directory
Houston & Harris
County

1986-87

Laurel Springs Ln

Street Begins
1631 James F Crenshaw
1702 Robert B Johnson
1703 Paula N Belloni
1707 Henry A Moon
1710 Hardee Gillan
1713 No Current Listing
1715 John C Pease
1718 Dirk A Beaumont
1722 Bill R Atwood
1802 George A Sullivant

Cole Directory
Houston & Harris
County

1981

Laurel Springs Ln

Street Begins
1631 James F Crenshaw
1702 Robert B Johnson
1703 W Dean Perryman
1707 Henry A Moon
1710 Dr Monroe C Neff
1715 John C Pease
1718 Don H Bynum
1722 Bill R Atwood
1802 George A Sullivant

Cole Directory
Houston & Harris
County

1975

Laurel Springs Ln

Range Not Listed- listings start with 1915

Comments: **Found target property in Kingwood, not Houston.**

City Directory Target Property Address

Target Property:

*Laurel Springs Ln,
Kingwood, TX 77339*

Prepared For:

HVJ Associates-Houston

Order# : 35891

Date : 5/14/2014

City Directory Target Property Address

Laurel Springs Ln, Kingwood, TX 77339

2008	Street Begins	Cole Directory	Houston Suburban
2001	Street Begins	Cole Directory	Houston Suburban
1996-97	Street Begins	Cole Directory	Houston Suburban
1991-92	Street Begins	Cole Directory	Houston & Harris County
1986-87	Street Begins	Cole Directory	Houston & Harris County
1981	Street Begins	Cole Directory	Houston & Harris County
1975	Range Not Listed- listings start with 1915	Cole Directory	Houston & Harris County

1602 Laurel Springs Ln

2008	David Welch	Cole Directory	Houston Suburban
------	-------------	----------------	------------------

1603 Laurel Springs Ln

2008	Michael McDaniel	Cole Directory	Houston Suburban
------	------------------	----------------	------------------

1606 Laurel Springs Ln

2008	Sean R Falbey Jr	Cole Directory	Houston Suburban
------	------------------	----------------	------------------

1607 Laurel Springs Ln

2008	Alan H Morales	Cole Directory	Houston Suburban
------	----------------	----------------	------------------

1610 Laurel Springs Ln

2008	Mayra Umanzor	Cole Directory	Houston Suburban
------	---------------	----------------	------------------

1611 Laurel Springs Ln

2008	Cindy Svetlik	Cole Directory	Houston Suburban
------	---------------	----------------	------------------

1614 Laurel Springs Ln

2008	Natalie Livings	Cole Directory	Houston Suburban
------	-----------------	----------------	------------------

1615 Laurel Springs Ln

2008	Big Dawng On The Block	Cole Directory	Houston Suburban
------	------------------------	----------------	------------------

1622 Laurel Springs Ln

2008	Christopher L Nunez	Cole Directory	Houston Suburban
------	---------------------	----------------	------------------

1625 Laurel Springs Ln

2001	City Hstn Wtr Plnt	Cole Directory	Houston Suburban
------	--------------------	----------------	------------------

1626 Laurel Springs Ln

2008	Marvin Fernandez	Cole Directory	Houston Suburban
------	------------------	----------------	------------------

1627 Laurel Springs Ln

2008	Giovanni S Alberto	Cole Directory	Houston Suburban
------	--------------------	----------------	------------------

City Directory Target Property Address

Laurel Springs Ln, Kingwood, TX 77339

1631 Laurel Springs Ln

2008	Star Snacks x [Burning Tree Rd Ints]	Cole Directory	Houston Suburban
		Cole Directory	Houston Suburban
1996-97	James F Crenshaw	Cole Directory	Houston Suburban
1991-92	James F Crenshaw	Cole Directory	Houston & Harris County
1986-87	James F Crenshaw	Cole Directory	Houston & Harris County
1981	James F Crenshaw	Cole Directory	Houston & Harris County

1639 Laurel Springs Ln

2001	James F Crenshaw	Cole Directory	Houston Suburban
------	------------------	----------------	------------------

1702 Laurel Springs Ln

2008	Brett B Johnson	Cole Directory	Houston Suburban
2001	Robert B Johnson	Cole Directory	Houston Suburban
1996-97	Robt Johnson	Cole Directory	Houston Suburban
1991-92	Robert B Johnson	Cole Directory	Houston & Harris County
1986-87	Robert B Johnson	Cole Directory	Houston & Harris County
1981	Robert B Johnson	Cole Directory	Houston & Harris County

1703 Laurel Springs Ln

2008	Premier Resoucrs Intl	Cole Directory	Houston Suburban
1996-97	Yvonne Jones	Cole Directory	Houston Suburban
1991-92	S J Lyman	Cole Directory	Houston & Harris County
1986-87	Paula N Belloni	Cole Directory	Houston & Harris County
1981	W Dean Perryman	Cole Directory	Houston & Harris County

1707 Laurel Springs Ln

1996-97	No Current Listing	Cole Directory	Houston Suburban
1991-92	No Current Listing	Cole Directory	Houston & Harris County
1986-87	Henry A Moon	Cole Directory	Houston & Harris County
1981	Henry A Moon	Cole Directory	Houston & Harris County

1710 Laurel Springs Ln

2008	Hardee Gillan	Cole Directory	Houston Suburban
2001	Hardee Gillan	Cole Directory	Houston Suburban
1996-97	Hardee Gillan	Cole Directory	Houston Suburban
1991-92	Hardee Gillan	Cole Directory	Houston & Harris County
1986-87	Hardee Gillan	Cole Directory	Houston & Harris County
1981	Dr Monroe C Neff	Cole Directory	Houston & Harris County

City Directory Target Property Address

Laurel Springs Ln, Kingwood, TX 77339

1713 Laurel Springs Ln

2008	Chris H Lettau	Cole Directory	Houston Suburban
2001	Chris Lettau	Cole Directory	Houston Suburban
1996-97	William E Simpson	Cole Directory	Houston Suburban
1991-92	William E Simpson	Cole Directory	Houston & Harris County
1986-87	No Current Listing	Cole Directory	Houston & Harris County

1715 Laurel Springs Ln

2008	Hilldegarde S Dailey	Cole Directory	Houston Suburban
2001	Jno L Faulkinberry	Cole Directory	Houston Suburban
1996-97	Mark A Griffin	Cole Directory	Houston Suburban
1991-92	John C Pease	Cole Directory	Houston & Harris County
1986-87	John C Pease	Cole Directory	Houston & Harris County
1981	John C Pease	Cole Directory	Houston & Harris County

1718 Laurel Springs Ln

2008	Angelica Beaumont	Cole Directory	Houston Suburban
2001	Dirk A Beaumont	Cole Directory	Houston Suburban
1996-97	Dirk A Beaumont	Cole Directory	Houston Suburban
1991-92	Dirk A Beaumont	Cole Directory	Houston & Harris County
1986-87	Dirk A Beaumont	Cole Directory	Houston & Harris County
1981	Don H Bynum	Cole Directory	Houston & Harris County

1722 Laurel Springs Ln

2008	Bradley J Albrecht	Cole Directory	Houston Suburban
2001	Brad Albrecht	Cole Directory	Houston Suburban
	x [Saint Andrews Rd Ints]	Cole Directory	Houston Suburban
1996-97	Lisa Cunn	Cole Directory	Houston Suburban
1991-92	Bill R Atwood	Cole Directory	Houston & Harris County
1986-87	Bill R Atwood	Cole Directory	Houston & Harris County
1981	Bill R Atwood	Cole Directory	Houston & Harris County

1802 Laurel Springs Ln

2008	Michael W McElMurray	Cole Directory	Houston Suburban
2001	Mike W McElmurray	Cole Directory	Houston Suburban
1996-97	Mike W McElmurray	Cole Directory	Houston Suburban
1991-92	George A Sullivant	Cole Directory	Houston & Harris County
1986-87	George A Sullivant	Cole Directory	Houston & Harris County
1981	George A Sullivant	Cole Directory	Houston & Harris County

Comments: **Found target property in Kingwood, not Houston.**

City Directory Standard Report

Target Property:

Loop 494,
Kingwood, TX 77339

Prepared For:

HVJ Associates-Houston

Order# : 35891

Date : 5/14/2014

City Directory Standard Report

Loop 494, Kingwood, TX 77339

Cole Directory

Houston Suburban

2008

Loop 494

22559 Enterprise Rent A Car
22611 Houston Plants & Garden Wor
22614 Goodwill Industrues Of Ho
22616 Building
22620 Building
22704 Building
22719 B & G Liquor
22722 Epione Health Group
22724 Stephens Haircutters

Cole Directory

Houston Suburban

2001

Loop 494

22532 Building
22611 Houston Grdn Kngwd
22616 Building
22620 A Hair Place Etc
Carriage Hse Flrst
22704 Building
22710 Kingwood Fence Co
22720 Natures Outlook
22721 No Current Listing
22722 Amrcn Const Serv
22724 Hair Cts Fmly hr
22725 No Current Listing
22728 Flower Market
22729 No Current Listing
22732 Building
22844 Latifees Altrtns

Cole Directory

Houston Suburban

1996-97

Loop 494

22575 Amrcn Tkwnd Assn
22611 Houston Grdn Inc
22616 Building
22620 A Hair Place Etc
22704 Building
22710 Kingwood Fence co
22719 B & G Liquor
22720 Kngwd Furn & Gifts
22721 Kingwood Auto Rrp
22722 Matthews Atty
22724 Hair Cuts Fmly hr
22725 No Current Listing
22728 Flower Market
22729 No Current Listing
22732 Manning Motors
22844 Latifees Altrtns

City Directory Standard Report

Loop 494, Kingwood, TX 77339

Cole Directory

Houston & Harris
County

1991-92

Loop 494

22575 Taekwondo USA Fmly
22616 Building
22620 A Hair Place ETC
22704 Building
Tailor & Cleaner
22710 Kingwood Fence Co
22717 Pappas Drvng Range
22719 B & G Liquor
22720 parent Const & Rmdl
22721 Kingwood Auto Repr
22722 M Matthews Atty
22724 DS Country Kitchen
Hair Cuts Kingwood
22725 Toney Prater
22728 Flower Market
22729 Ray Battle
22732 Kingwood Kars
22844 Latifees Alteration

Cole Directory

Houston & Harris
County

1986-87

Loop 494

22589 Shadow Box Frames
22614 Goodwill Industrs
22616 Lakeside Auto
22620 A Hair Place Etc
22704 Building
Tailor & Cleaner
22710 Kingwood Fence Co
22719 B & G Liquor
22720 Ruffins Remodeling
Shirleys Ceramics
22721 Kingwood Auto Repr
22722 Lakeside Vacm
22724 Ds Country Kitchen
Hair Cuts
22728 Flower Market
22729 Ray Battle
22732 Countryside Garbge
Kingwood Patio Wrk
22844 Bills Fish Market

City Directory Standard Report

Loop 494, Kingwood, TX 77339

Cole Directory

Houston & Harris
County

1981

Loop 494

22589 Shadow Box Gallery
22614 Decorative Touch
22616 Hair Place Etc
T & J Mercantile Co
22704 M C Liles
22706 Kingwood Extrmtrs
22710 Kingwood Fence Co
22712 Head Quarters
22719 Dorothy Miller
22721 Kingwood Auto Repr
22722 Kirby Co
22724 Country Kitchen
Flower Market
Maryland Const
22728 Lock-Tight
23220 Dr Sam Knippa

Cole Directory

Houston & Harris
County

1975

Loop 494

22532 Jones Cafe
22614 Kimberlys Antiques
22704 No Current Listing
22710 Night Owl
22719 Dorothy Miller
22722 Kingwood Fence Co
22722 No # Bills Cafe
Buck Lindsey Mbl
Campbell Shell Sta
Dairy Princess
River Innc Motel
Tall Pine Lvestck
x [End of Listings]

Cole Directory

Houston & Harris
County

1971

Loop 494

Street Not Listed

Comments: Found target property in Kingwood, not Houston.

City Directory Target Property Address

Target Property:

Loop 494,
Kingwood, TX 77339

Prepared For:

HVJ Associates-Houston

Order# : 35891

Date : 5/14/2014

City Directory Target Property Address

Loop 494, Kingwood, TX 77339

1971	Street Not Listed	Cole Directory	Houston & Harris County
<u>22532 Loop 494</u>			
2001	Building	Cole Directory	Houston Suburban
1975	Jones Cafe	Cole Directory	Houston & Harris County
<u>22559 Loop 494</u>			
2008	Enterprise Rent A Car	Cole Directory	Houston Suburban
<u>22575 Loop 494</u>			
1996-97	Amrcn Tkwnd Assn	Cole Directory	Houston Suburban
1991-92	Taekwondo USA Fmly	Cole Directory	Houston & Harris County
<u>22589 Loop 494</u>			
1986-87	Shadow Box Frames	Cole Directory	Houston & Harris County
1981	Shadow Box Gallery	Cole Directory	Houston & Harris County
<u>22611 Loop 494</u>			
2008	Houston Plants & Garden Wor	Cole Directory	Houston Suburban
2001	Houston Grdn Kngwd	Cole Directory	Houston Suburban
1996-97	Houston Grdn Inc	Cole Directory	Houston Suburban
<u>22614 Loop 494</u>			
2008	Goodwill Industrues Of Ho	Cole Directory	Houston Suburban
1986-87	Goodwill Industrs	Cole Directory	Houston & Harris County
1981	Decorative Touch	Cole Directory	Houston & Harris County
1975	Kimberlys Antiques	Cole Directory	Houston & Harris County
<u>22616 Loop 494</u>			
2008	Building	Cole Directory	Houston Suburban
2001	Building	Cole Directory	Houston Suburban
1996-97	Building	Cole Directory	Houston Suburban
1991-92	Building	Cole Directory	Houston & Harris County
1986-87	Lakeside Auto	Cole Directory	Houston & Harris County
1981	Hair Place Etc	Cole Directory	Houston & Harris County
	T & J Mercantile Co	Cole Directory	Houston & Harris County

City Directory Target Property Address

Loop 494, Kingwood, TX 77339

22620 Loop 494

2008	Building	Cole Directory	Houston Suburban
2001	A Hair Place Etc	Cole Directory	Houston Suburban
	Carriage Hse Flrst	Cole Directory	Houston Suburban
1996-97	A Hair Place Etc	Cole Directory	Houston Suburban
1991-92	A Hair Place ETC	Cole Directory	Houston & Harris County
1986-87	A Hair Place Etc	Cole Directory	Houston & Harris County

22704 Loop 494

2008	Building	Cole Directory	Houston Suburban
2001	Building	Cole Directory	Houston Suburban
1996-97	Building	Cole Directory	Houston Suburban
1991-92	Building	Cole Directory	Houston & Harris County
	Tailor & Cleaner	Cole Directory	Houston & Harris County
1986-87	Building	Cole Directory	Houston & Harris County
	Tailor & Cleaner	Cole Directory	Houston & Harris County
1981	M C Liles	Cole Directory	Houston & Harris County
1975	No Current Listing	Cole Directory	Houston & Harris County

22706 Loop 494

1981	Kingwood Extrimntrs	Cole Directory	Houston & Harris County
------	---------------------	----------------	----------------------------

22710 Loop 494

2001	Kingwood Fence Co	Cole Directory	Houston Suburban
1996-97	Kingwood Fence co	Cole Directory	Houston Suburban
1991-92	Kingwood Fence Co	Cole Directory	Houston & Harris County
1986-87	Kingwood Fence Co	Cole Directory	Houston & Harris County
1981	Kingwood Fence Co	Cole Directory	Houston & Harris County
1975	Night Owl	Cole Directory	Houston & Harris County

22712 Loop 494

1981	Head Quarters	Cole Directory	Houston & Harris County
------	---------------	----------------	----------------------------

22717 Loop 494

1991-92	Pappas Drvng Range	Cole Directory	Houston & Harris County
---------	--------------------	----------------	----------------------------

City Directory Target Property Address

Loop 494, Kingwood, TX 77339

22719 Loop 494

2008	B & G Liquor	Cole Directory	Houston Suburban
1996-97	B & G Liquor	Cole Directory	Houston Suburban
1991-92	B & G Liquor	Cole Directory	Houston & Harris County
1986-87	B & G Liquor	Cole Directory	Houston & Harris County
1981	Dorothy Miller	Cole Directory	Houston & Harris County
1975	Dorothy Miller	Cole Directory	Houston & Harris County

22720 Loop 494

2001	Natures Outlook	Cole Directory	Houston Suburban
1996-97	Kngwd Furn & Gifts	Cole Directory	Houston Suburban
1991-92	parent Const & Rmdl	Cole Directory	Houston & Harris County
1986-87	Ruffins Remodeling	Cole Directory	Houston & Harris County
	Shirleys Ceramics	Cole Directory	Houston & Harris County

22721 Loop 494

2001	No Current Listing	Cole Directory	Houston Suburban
1996-97	Kingwood Auto Rrp	Cole Directory	Houston Suburban
1991-92	Kingwood Auto Repr	Cole Directory	Houston & Harris County
1986-87	Kingwood Auto Repr	Cole Directory	Houston & Harris County
1981	Kingwood Auto Repr	Cole Directory	Houston & Harris County

22722 Loop 494

2008	Epione Health Group	Cole Directory	Houston Suburban
2001	Amrcn Const Serv	Cole Directory	Houston Suburban
1996-97	Matthews Atty	Cole Directory	Houston Suburban
1991-92	M Matthews Atty	Cole Directory	Houston & Harris County
1986-87	Lakeside Vacm	Cole Directory	Houston & Harris County
1981	Kirby Co	Cole Directory	Houston & Harris County
1975	Kingwood Fence Co	Cole Directory	Houston & Harris County

City Directory Target Property Address

Loop 494, Kingwood, TX 77339

22722 No # Loop 494

1975	Bills Cafe	Cole Directory	Houston & Harris County
	Campbell Shell Sta	Cole Directory	Houston & Harris County
	Dairy Princess	Cole Directory	Houston & Harris County
	Buck Lindsey Mbl	Cole Directory	Houston & Harris County
	River Innc Motel	Cole Directory	Houston & Harris County
	Tall Pine Lvestck	Cole Directory	Houston & Harris County
	x [End of Listings]	Cole Directory	Houston & Harris County

22724 Loop 494

2008	Stephens Haircutters	Cole Directory	Houston Suburban
2001	Hair Cts Fmly hr	Cole Directory	Houston Suburban
1996-97	Hair Cuts Fmly hr	Cole Directory	Houston Suburban
1991-92	DS Country Kitchen	Cole Directory	Houston & Harris County
	Hair Cuts Kingwood	Cole Directory	Houston & Harris County
1986-87	Ds Country Kitchen	Cole Directory	Houston & Harris County
	Hair Cuts	Cole Directory	Houston & Harris County
1981	Country Kitchen	Cole Directory	Houston & Harris County
	Flower Market	Cole Directory	Houston & Harris County
	Maryland Const	Cole Directory	Houston & Harris County

22725 Loop 494

2001	No Current Listing	Cole Directory	Houston Suburban
1996-97	No Current Listing	Cole Directory	Houston Suburban
1991-92	Toney Prater	Cole Directory	Houston & Harris County

22728 Loop 494

2001	Flower Market	Cole Directory	Houston Suburban
1996-97	Flower Market	Cole Directory	Houston Suburban
1991-92	Flower Market	Cole Directory	Houston & Harris County
1986-87	Flower Market	Cole Directory	Houston & Harris County
1981	Lock-Tight	Cole Directory	Houston & Harris County

22729 Loop 494

2001	No Current Listing	Cole Directory	Houston Suburban
1996-97	No Current Listing	Cole Directory	Houston Suburban
1991-92	Ray Battle	Cole Directory	Houston & Harris County
1986-87	Ray Battle	Cole Directory	Houston & Harris County

City Directory Target Property Address

Loop 494, Kingwood, TX 77339

22732 Loop 494

2001	Building	Cole Directory	Houston Suburban
1996-97	Manning Motors	Cole Directory	Houston Suburban
1991-92	Kingwood Kars	Cole Directory	Houston & Harris County
1986-87	Countryside Garbge	Cole Directory	Houston & Harris County
	Kingwood Patio Wrk	Cole Directory	Houston & Harris County

22844 Loop 494

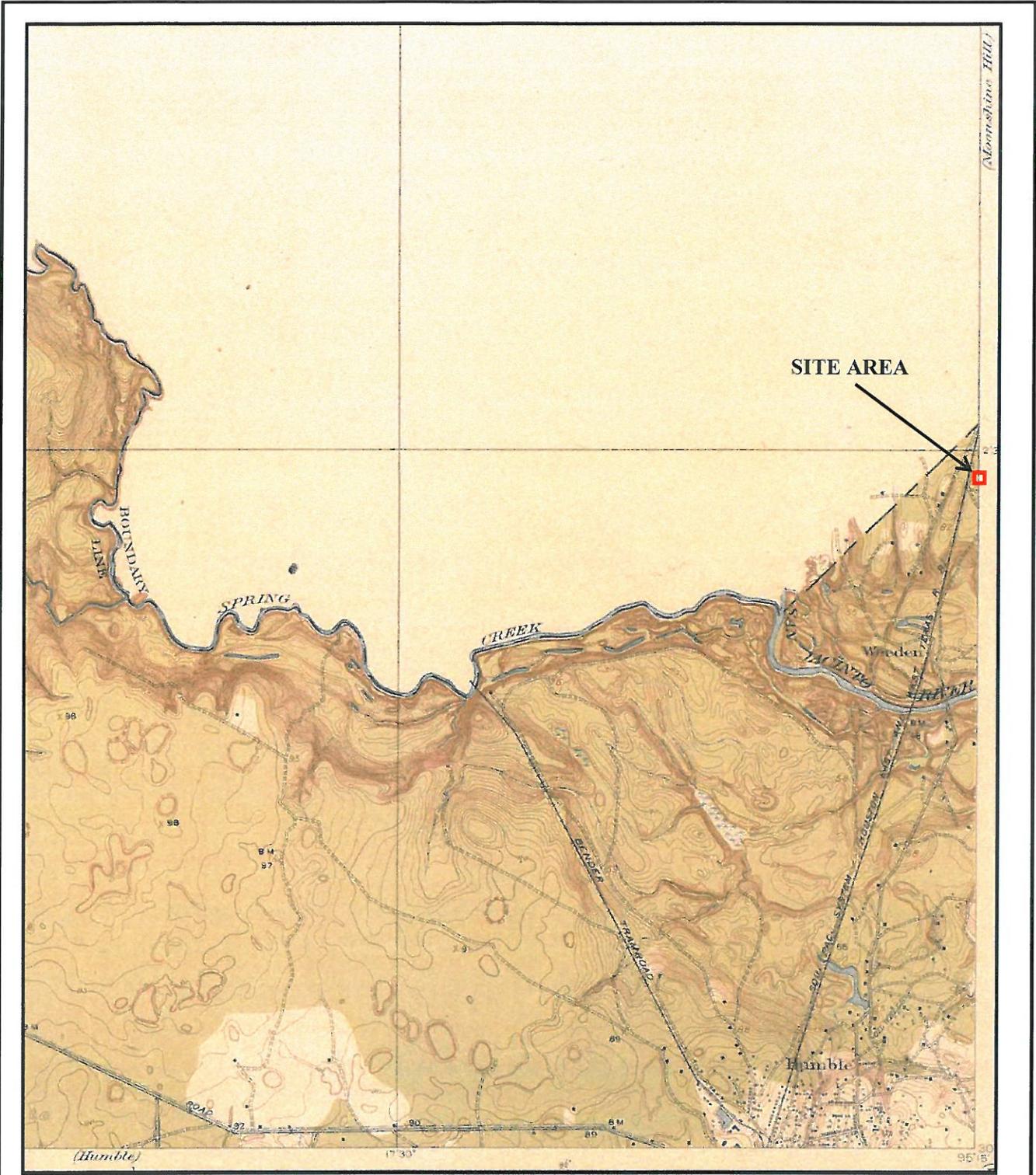
2001	Latifees Altrtns	Cole Directory	Houston Suburban
1996-97	Latifees Altrtns	Cole Directory	Houston Suburban
1991-92	Latifees Alteration	Cole Directory	Houston & Harris County
1986-87	Bills Fish Market	Cole Directory	Houston & Harris County

23220 Loop 494

1981	Dr Sam Knippa	Cole Directory	Houston & Harris County
------	---------------	----------------	----------------------------

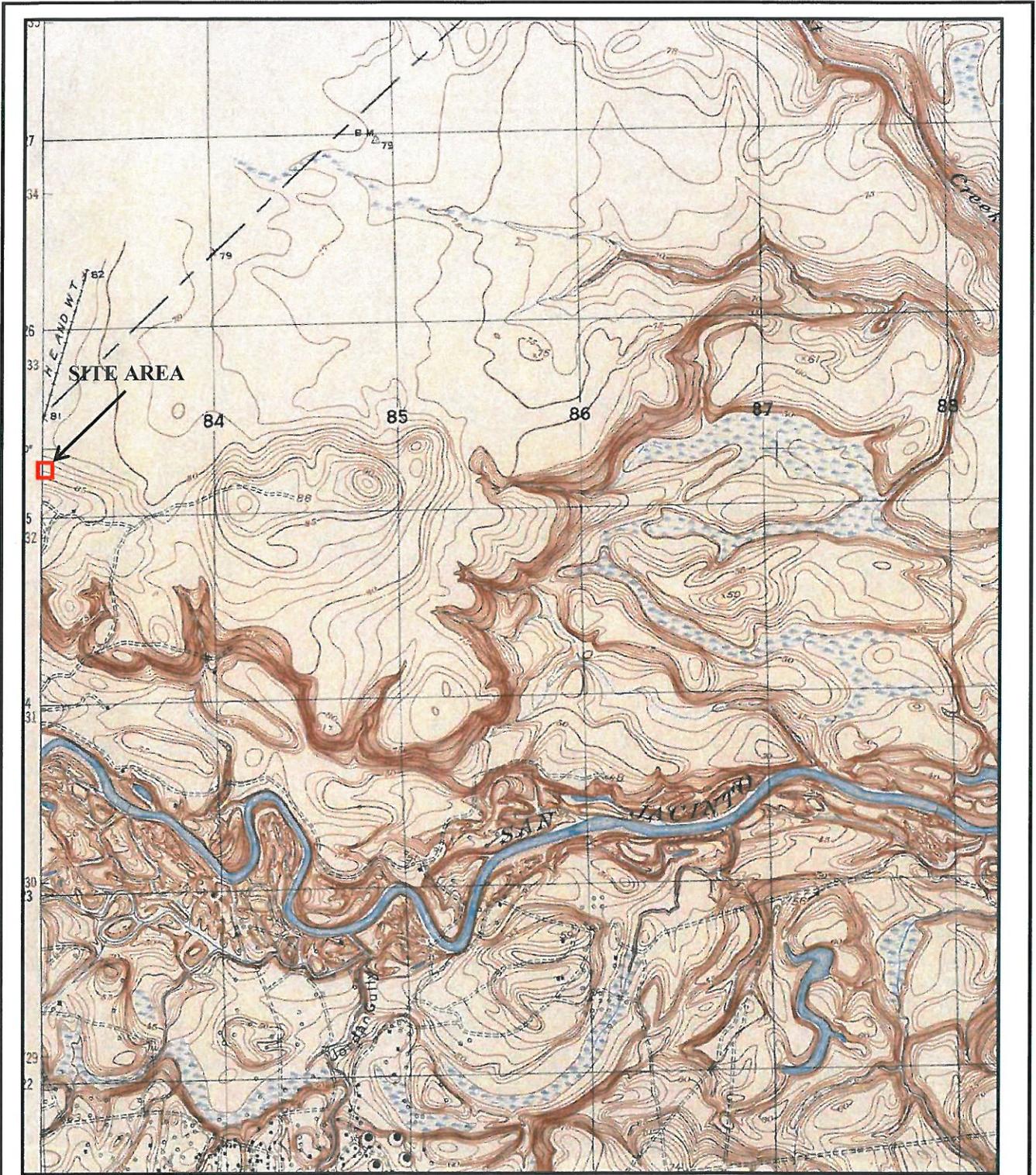
Comments: **Found target property in Kingwood, not Houston.**

TOPOGRAPHIC, NWI AND FEMA MAPS



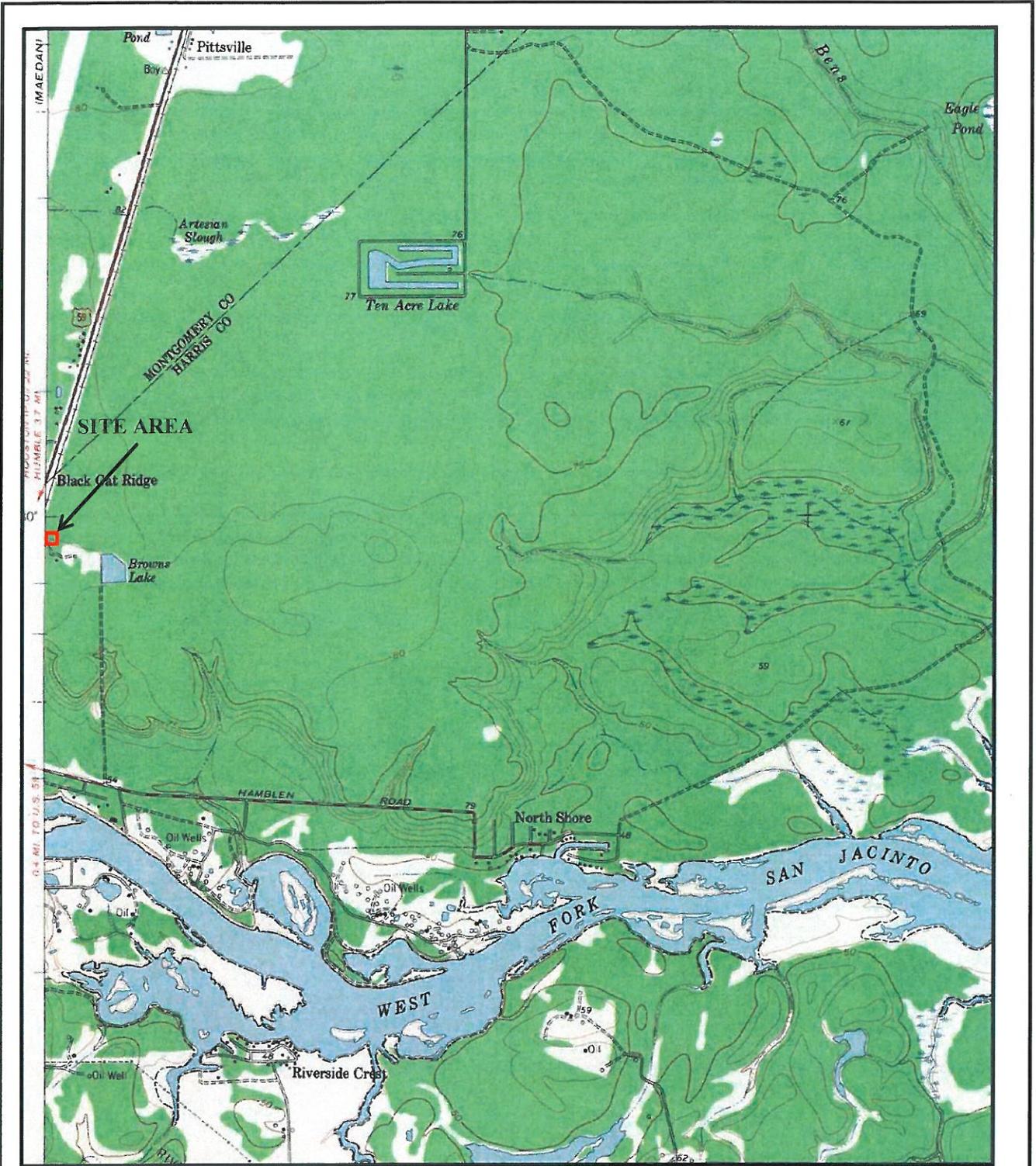
Source: U.S. Geological Survey (1916 Weeden Quadrangle)

	Drawn:	NL	<p style="text-align: center;"> TOPOGRAPHIC MAP (1916) Phase I ESA – Forest Cove Well Project WBS S-000100-0016-3 Houston, Harris County, Texas </p> 
	Checked:	EH	
	Date:	May 2014	
Report No.	HE1216880	Scale:	NTS



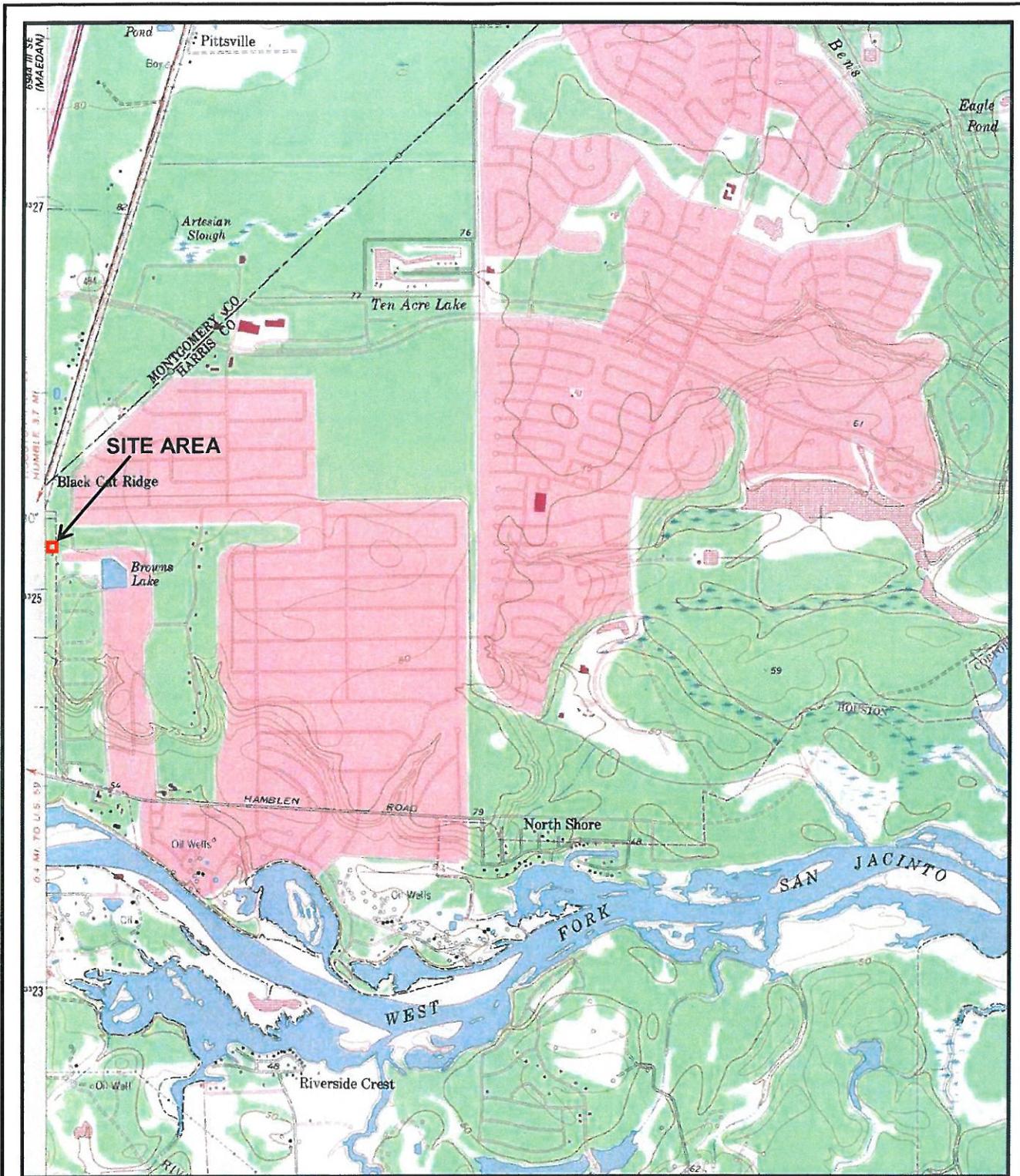
Source: U.S. Geological Survey (1949 Moonshine Hill Quadrangle)

	Drawn:	NL	<p style="text-align: center;"> TOPOGRAPHIC MAP (1949) Phase I ESA – Forest Cove Well Project WBS S-000100-0016-3 Houston, Harris County, Texas </p> 
	Checked:	EH	
	Date:	May 2014	
Report No.	HE1216880	Scale:	N'TS



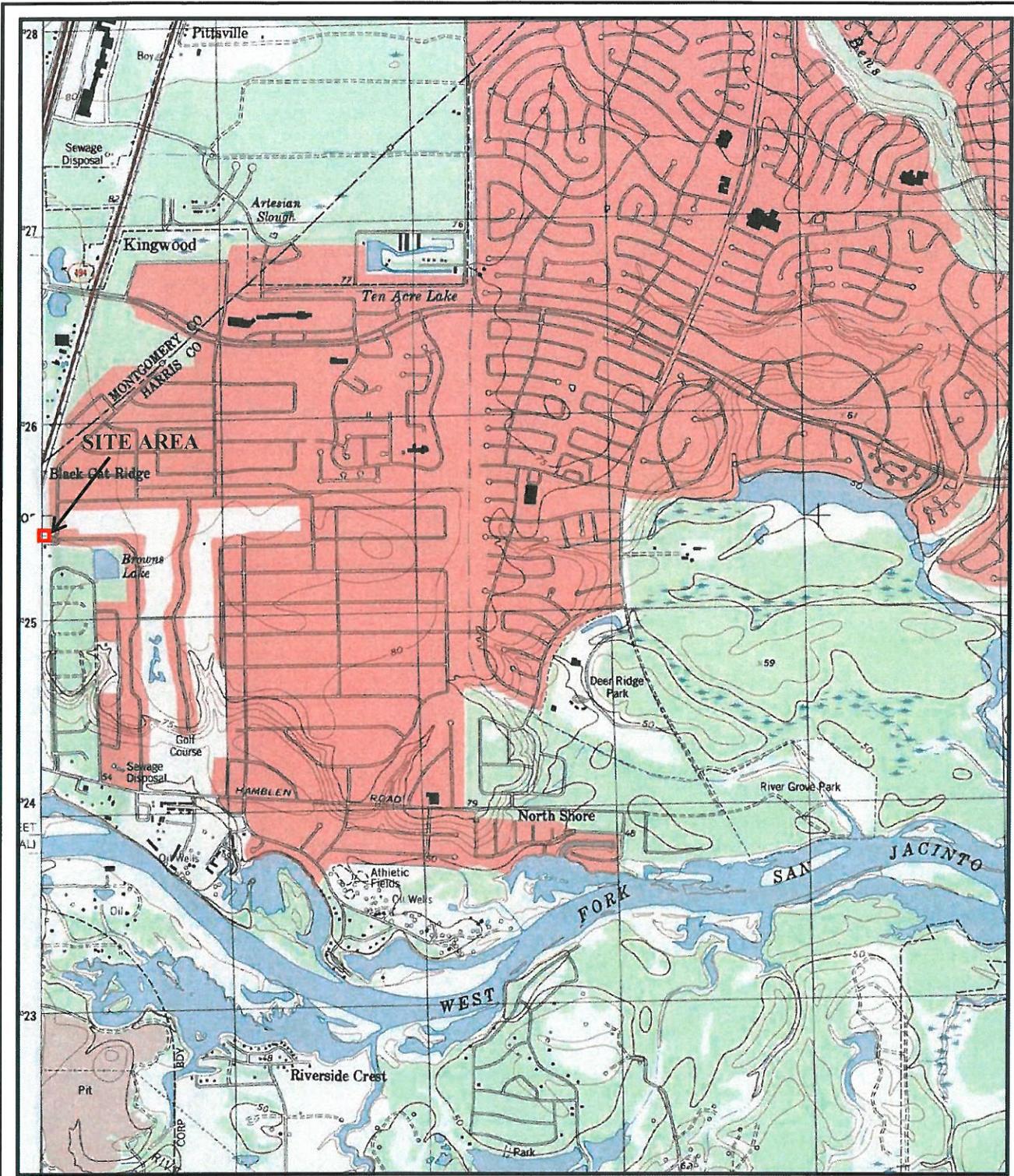
Source: U.S. Geological Survey (1961 Moonshine Hill Quadrangle)

	Drawn:	NL	<p style="text-align: center;"> TOPOGRAPHIC MAP (1961) Phase I ESA – Forest Cove Well Project WBS S-000100-0016-3 Houston, Harris County, Texas </p> 
	Checked:	EH	
	Date:	May 2014	
Report No.	HE1216880	Scale:	N/T'S



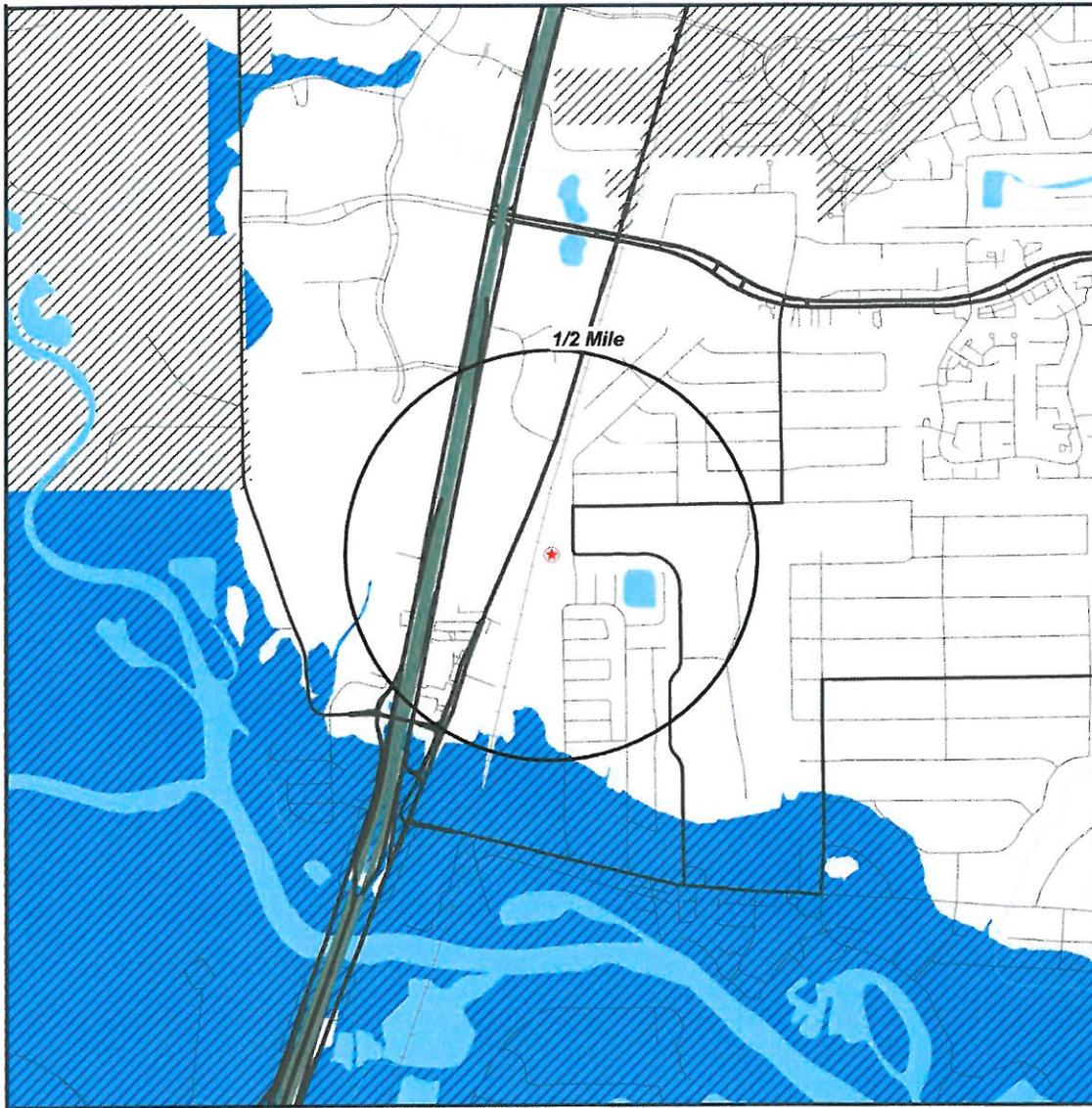
Source: U.S. Geological Survey (1980 Moonshine Hill Quadrangle)

	Drawn:	NL	<p style="text-align: center;"> TOPOGRAPHIC MAP (1980) Phase I ESA – Forest Cove Well Project WBS S-000100-0016-3 Houston, Harris County, Texas </p> 
	Checked:	EH	
	Date:	May 2014	
Report No.	HE1216880	Scale:	NTS



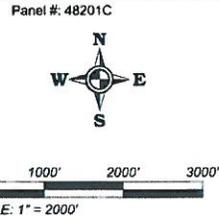
Source: U.S. Geological Survey (1995 Moonshine Hill Quadrangle)

	Drawn:	NL	<p style="text-align: center;"> TOPOGRAPHIC MAP (1995) Phase I ESA – Forest Cove Well Project WBS S-000100-0016-3 Houston, Harris County, Texas </p> 
	Checked:	EH	
	Date:	May 2014	
Report No.	HE1216880	Scale:	NTS



- ★ Target Property (TP)
- ZONE A
 - ZONE AE
 - ZONE AH
 - ZONE A0
 - ZONE AR
 - ZONE V
 - ZONE VE
 - ZONE D
 - ZONE X
 - AREA NOT INCLUDED
 - OPEN WATER
 - NDA - DIGITAL DATA NOT AVAILABLE

Water Well No. 5
HOUSTON, Texas
77339

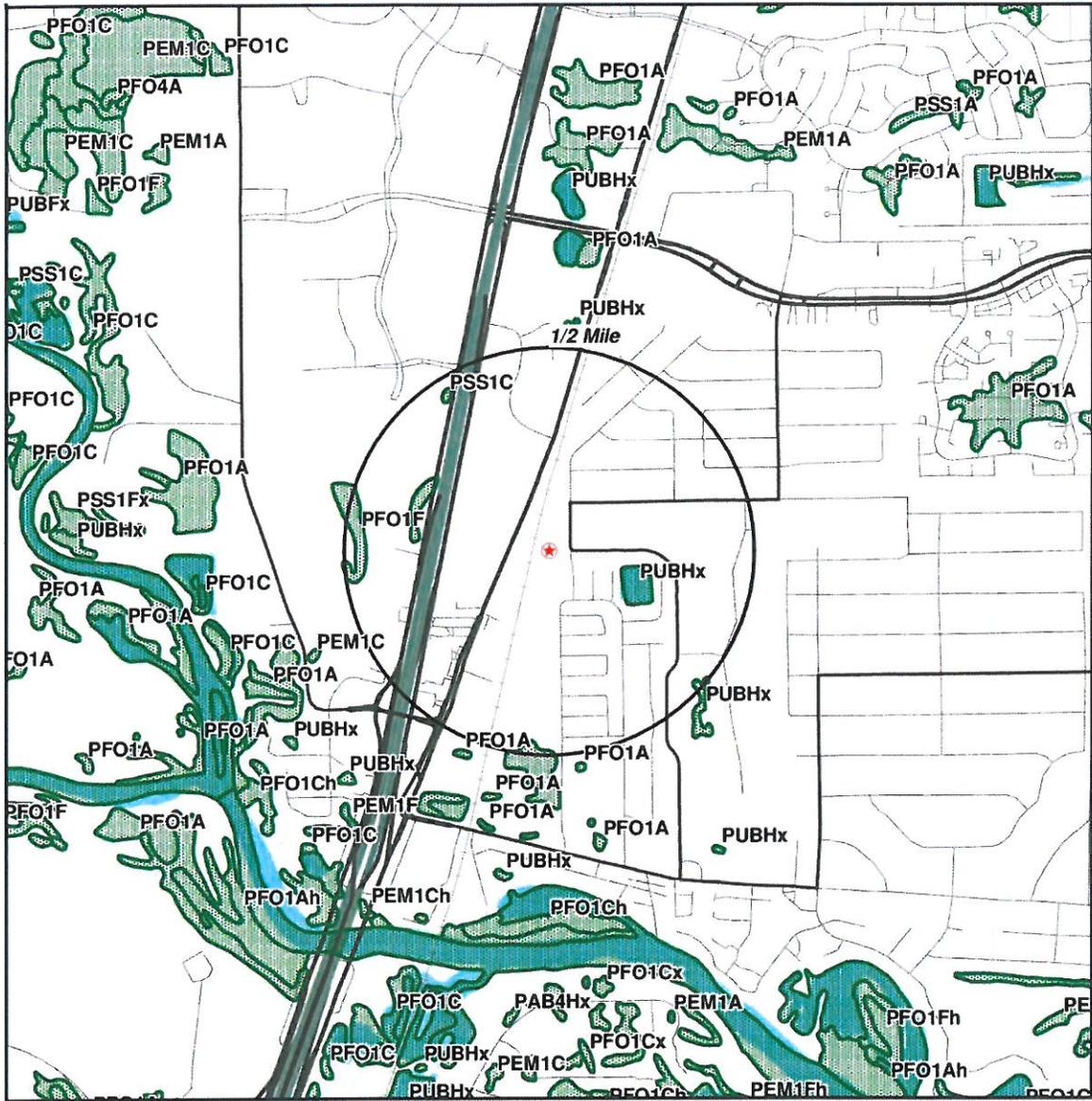


Source: FEMA Panel 48201C

	Drawn:	NL
	Checked:	EH
	Date:	May 2014
Report No.	HE1216880	Scale: NTS

FEMA MAP
 Phase I ESA – Forest Cove Well Project
 WBS No. S-000100-0016-3
 Houston, Harris County, Texas



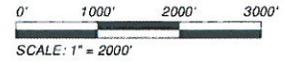


★ Target Property (TP)

 NWI BOUNDARY

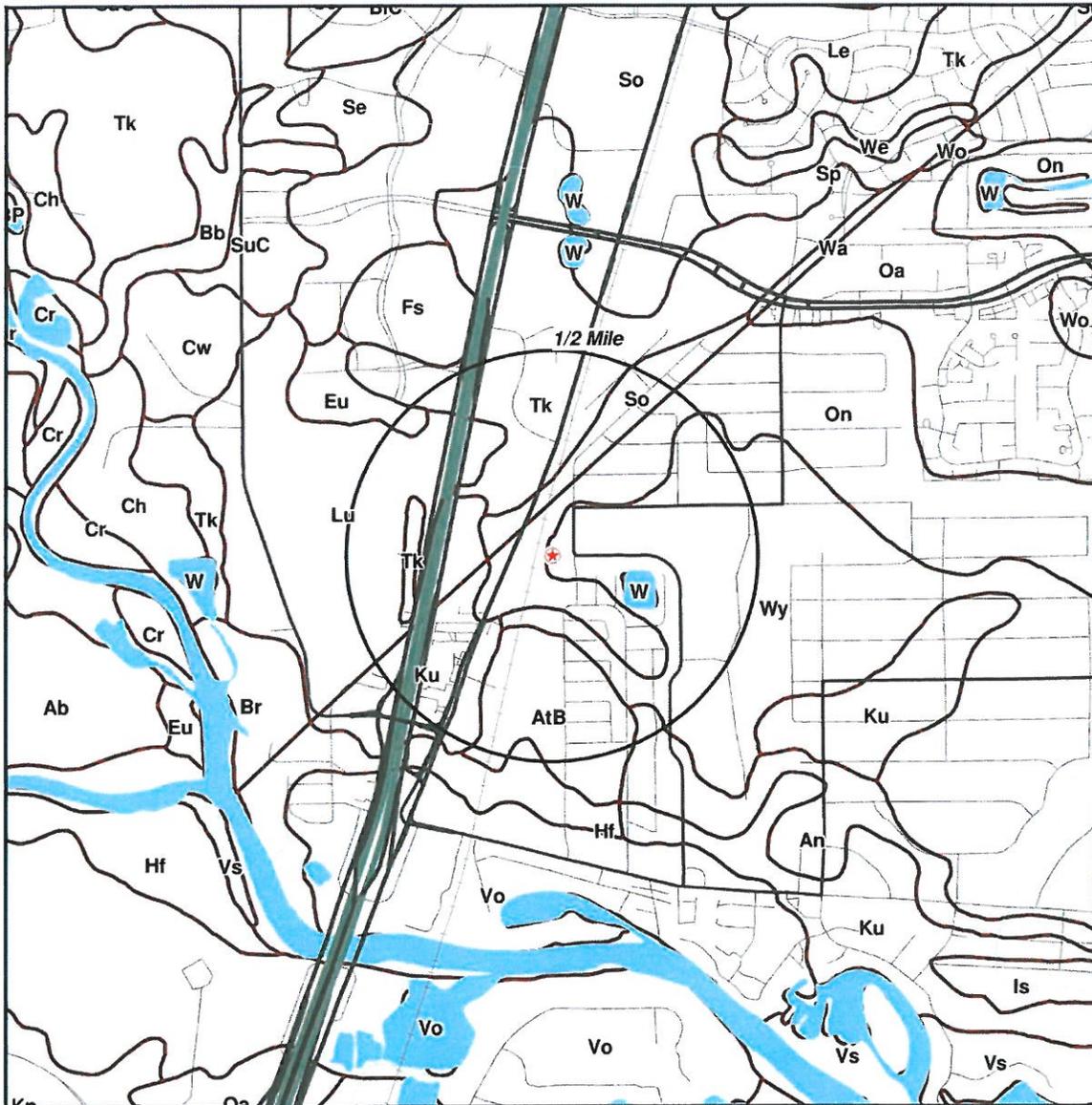
 NDA - DIGITAL DATA NOT AVAILABLE

Water Well No. 5
HOUSTON, Texas
77339



Source: USDA NWI Map

	Drawn:	NL	<p>NWI MAP Phase I ESA – Forest Cove Well Project WBS No. S-000100-0016-3 Houston, Harris County, Texas</p> 
	Checked:	EH	
	Date:	May 2014	
Report No.	HE1216880	Scale:	

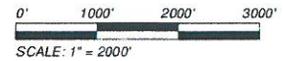


★ Target Property (TP)

SOIL BOUNDARY

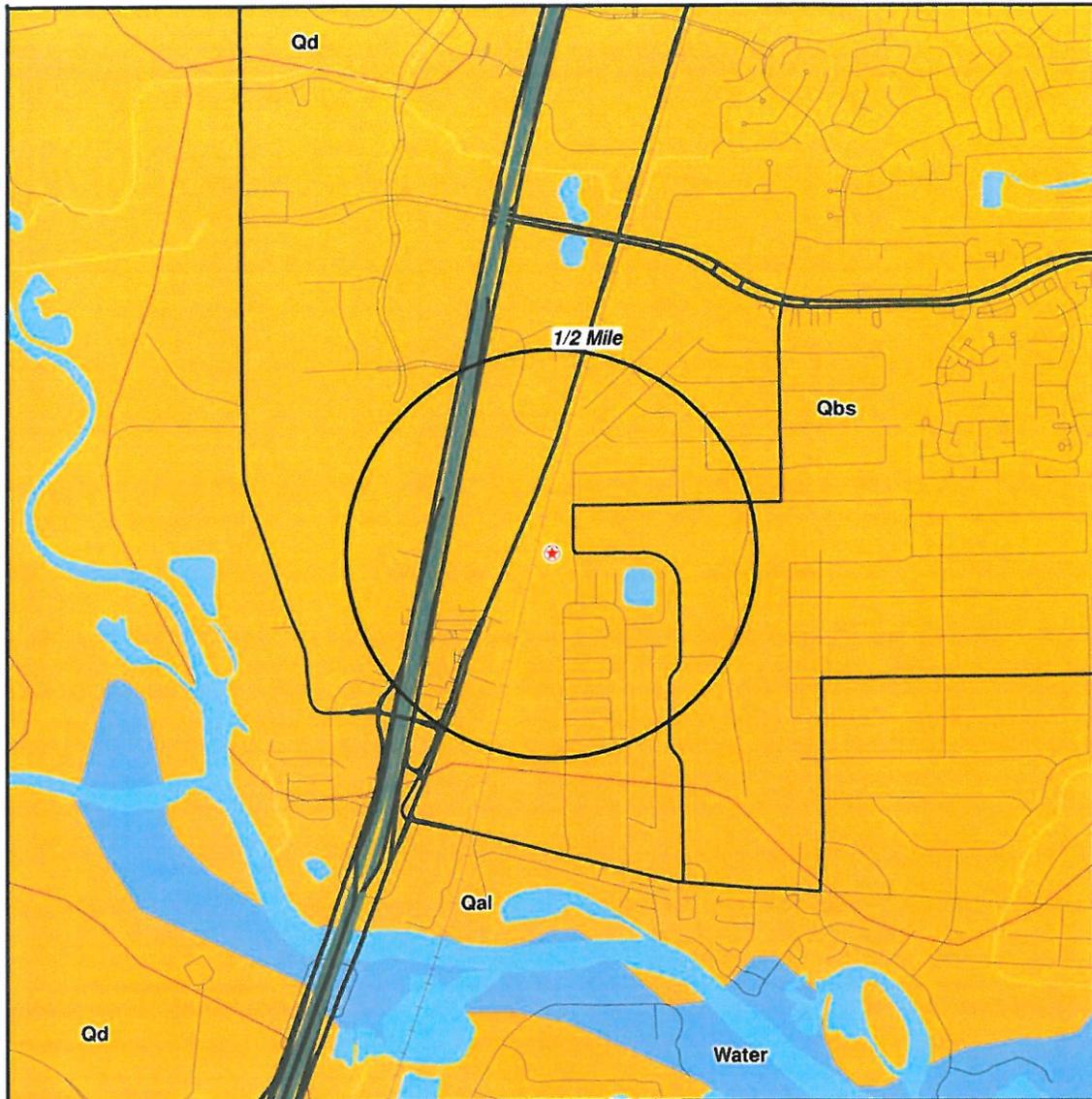
NDA - DIGITAL DATA NOT AVAILABLE/NOT COMPLETE

**Water Well No. 5
HOUSTON, Texas
77339**



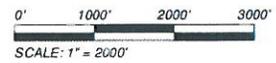
Source: United States Department of Agriculture, Soil Conservation Service, Soil Survey of Harris County, 1976

	Drawn:	NL	SOIL MAP Phase I ESA – Forest Cove Well Project WBS S-000100-0016-3 Houston, Harris County, Texas	
	Checked:	BH		
	Date:	May 2014		
Report No.	HE1216880	Scale:		



★ Target Property (TP)

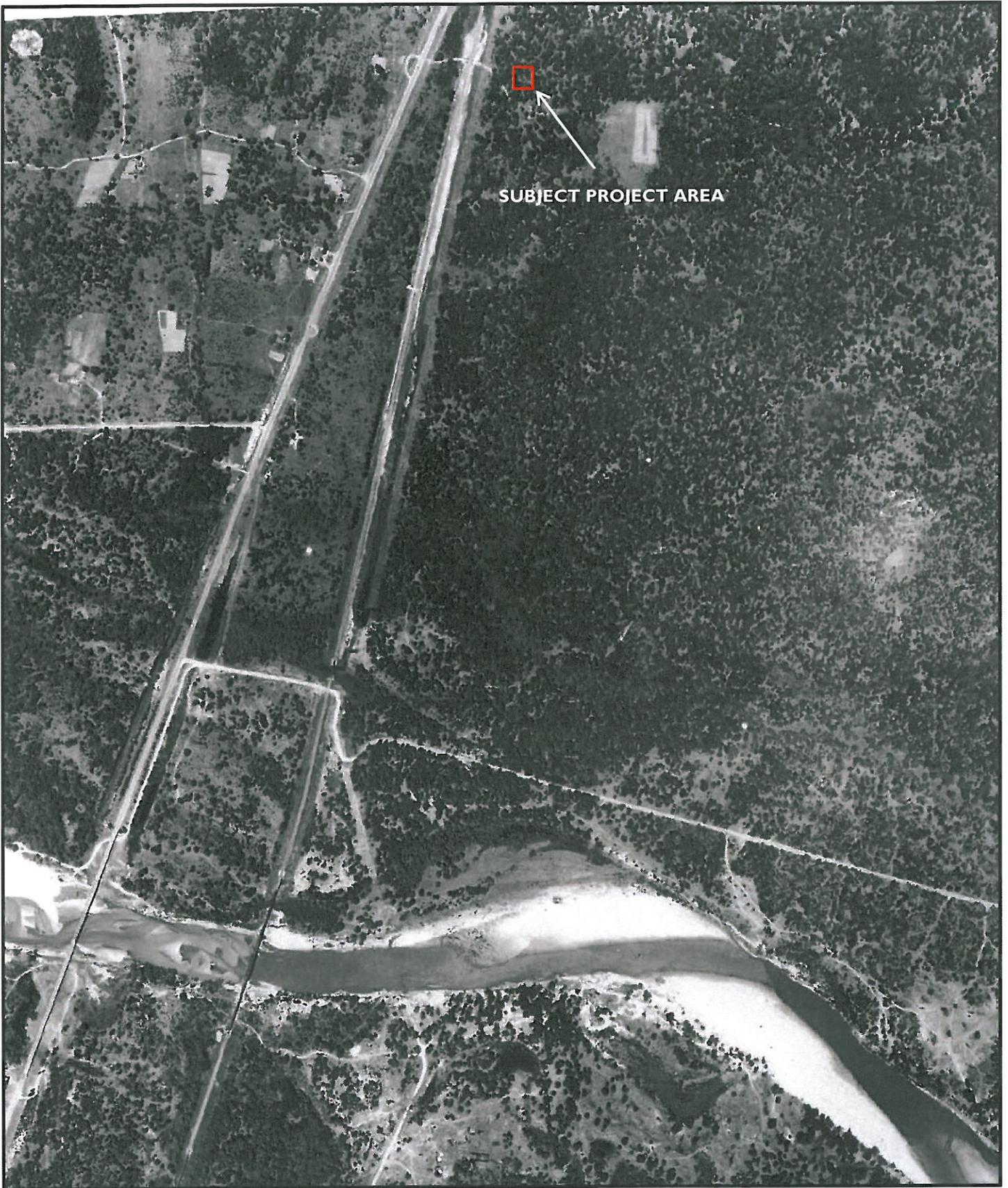
**Water Well No. 5
HOUSTON, Texas
77339**



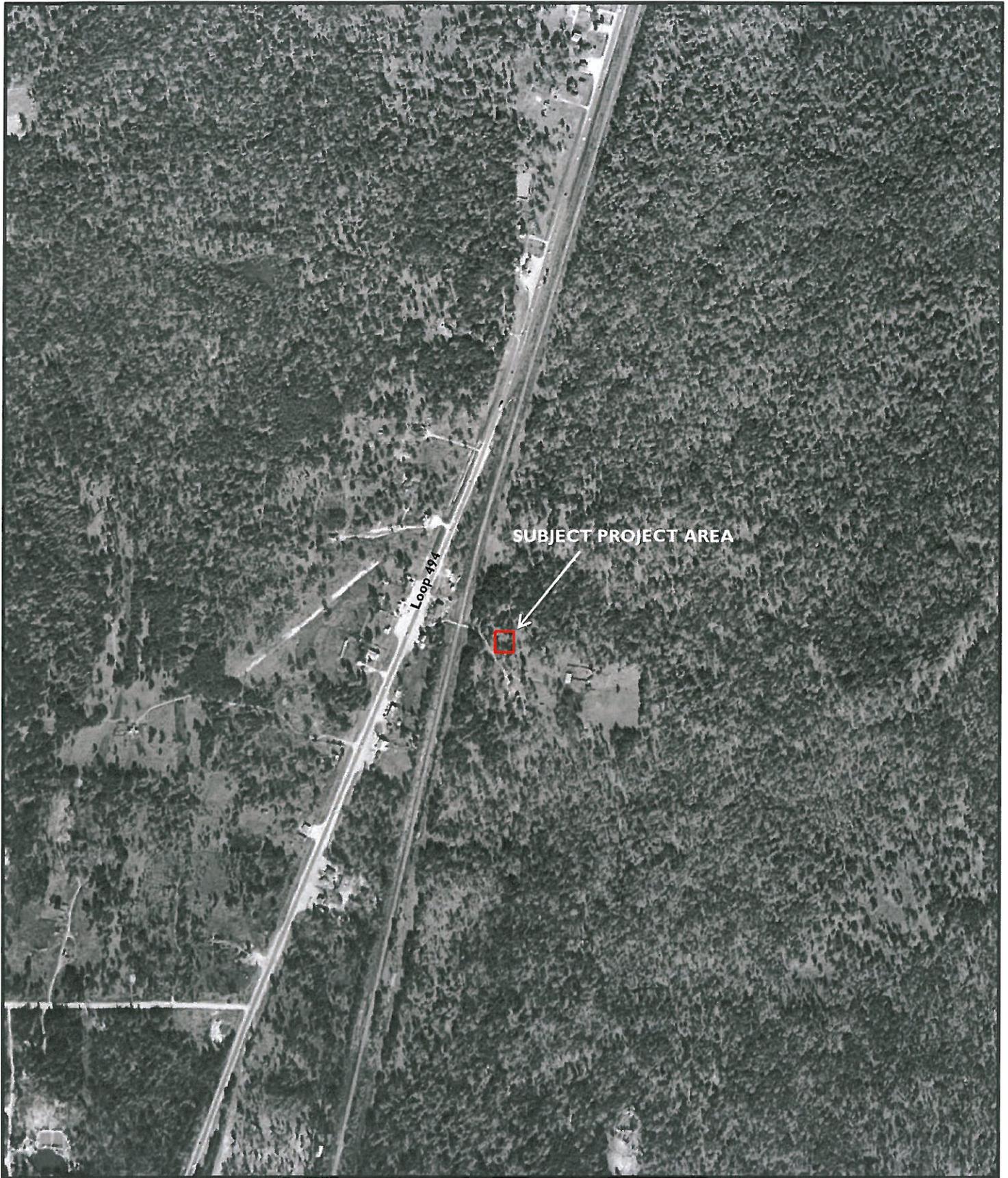
Source: Bureau of Economic Geology, 1992. Geologic Atlas of Texas, Houston Sheet, University of Texas at Austin

	Drawn:	NL	GEOLOGY MAP Phase I ESA – Forest Cove Well Project WBS No. S-000100-0016-3 Houston, Harris County, Texas	
	Checked:	EH		
	Date:	May 2014		
Report No.	HE1216880	Scale:		

AERIAL PHOTOGRAPHS



Phase I ESA – FOREST COVE WELL PROJECT
WBS No. S-000100-0016-3
1944 AERIAL PHOTO
SCALE: 1" = 700'



Phase I ESA – FOREST COVE WELL PROJECT
WBS No. S-000100-0016-3
1957 AERIAL PHOTO
SCALE: 1" = 700'



Phase I ESA – FOREST COVE WELL PROJECT
WBS No. S-000100-0016-3
1968 AERIAL PHOTO
SCALE: 1" = 700'



Phase I ESA – FOREST COVE WELL PROJECT
WBS No. S-000100-0016-3
1979 AERIAL PHOTO
SCALE: 1" = 700'



Phase I ESA – FOREST COVE WELL PROJECT
WBS No. S-000100-0016-3
1989 AERIAL PHOTO
SCALE: 1" = 700'



Phase I ESA – FOREST COVE WELL PROJECT
WBS No. S-000100-0016-3
1996 AERIAL PHOTO
SCALE: 1" = 700'



Phase I ESA – FOREST COVE WELL PROJECT
WBS No. S-000100-0016-3
2004 AERIAL PHOTO
SCALE: 1" = 700'



Phase I ESA – FOREST COVE WELL PROJECT
WBS No. S-000100-0016-3
2012 AERIAL PHOTO
SCALE: 1" = 700'

APPENDIX D
RESUME OF ENVIRONMENTAL PROFESSIONAL



EDWARD HAWKINSON, PG, CAPM
PROJECT GEOLOGIST

EDUCATION MBA, University of Cincinnati, 1977
MS, Geology, University of Cincinnati, 1975
BS, Geology, The Ohio State University, 1968

LICENSE Professional Geologist, TX (45), 2003
Professional Geologist, AR, 1989
Professional Geologist, TN, 1990

EXPERIENCE SUMMARY

Mr. Hawkinson has over 25 years of experience providing a wide range of environmental services including Phase I and Phase II Environmental Site Assessments; NEPA documents including Categorical Exclusion and Environmental Assessment studies; wetland studies and permitting; threatened and endangered species studies, cultural resources studies; underground and leaking petroleum storage tank assessment and remediation; invasive and non-invasive geologic fault studies; hazardous waste assessment and management; RCRA/CERCLA investigations; aquifer characterization and interpretations and remedial system design and construction oversight. Environmental work is conducted in accordance with ASTM standards and applicable city, county, state and federal regulations and guidelines which include EPA, US Fish and Wildlife, Texas Parks & Wildlife, and USACE. Mr. Hawkinson is familiar with the protocols in conducting environmental studies, such as ASTM, ASFE, and TNRCC RBCA procedures.

SIGNIFICANT PROJECT EXPERIENCE

Lake Houston and Lynchburg Reservoir, Harris County, Texas. Project Manager for environmental analysis of recent soil discoloration (possibly due to petroleum hydrocarbons) near the southwest corner of the Lynchburg Reservoir area site, where a large quantity of debris was deposited on and near these sites from Hurricane Ike. The purpose of this study was to provide sampling and testing services to determine if hydrocarbon (or other) contamination is present, and if present, whether impacted soils will require special disposal measures.

Metro Intermodal Transit Facility, Houston, Texas. Project Manager for an environmental assessment for the proposed Transit Facility north of downtown Houston, which will provide commuters easy transfer between many different transit modes and providers. The project is to include the construction of a great circle (terminal area), a train hall, a bus hall, a market facility and development sites.

IH 10 General Engineering Consultant Fault Studies, Houston, Texas. Mr. Hawkinson served on a team that conducted comprehensive geologic fault studies for three sections involving two major interchanges and one overpass. The IH 10 and Loop 610 and I-10 and Beltway 8 interchanges were located on the surface trace of the Eureka Heights and the Long Point Faults, respectively. Investigations included field delineation of fault scarps and marking for detailed

HVJ ASSOCIATES, INC.

Edward Hawkinson, PG, CAPM, Page 2

surveying. A Phase I fault study was conducted for the section between SH 8 and Barker-Cypress Road to determine if a potential fault was located in that area. Published records from the USGS and academia indicated the potential for an active fault to cross the roadway in this section.

FM 2234 Roadway Widening: FM 521 to SH 288, Houston, Texas. Project Manager for a hazardous materials initial site assessment for the widening of FM 2234, from FM 521 to SH 288. The project involved widening the alignment from two lanes to four lanes and rights-of-way were acquired.

Kirby Drive Storm Sewer, Houston, Texas. Project Manager for a Phase I and Phase II environmental site assessment for the proposed storm sewer project. The project involved two 10- by 10-foot box culverts; storm sewers including storm sewer leads, inlets and manholes; 24-inch waterline; 8-inch sanitary sewer; six lanes of concrete paving; asphalt transitions, and traffic signal foundations. The Phase I ESA identified the potential for groundwater and soil contamination to impact the project so recommended a Phase II ESA adjacent to the listed sites to determine the nature of any contamination located within the project alignment and to develop recommendations for design and construction of proposed facilities.

Texas A&M Institute for Pre-Clinical Study, College Station, Texas. Project Manager for a Phase I environmental site assessment, threatened and endangered species study, cultural resources study, and wetlands identification for a 10.55-acre tract in College Station. The proposed project involved the construction of a two- to three-story building with a total area of 59,000 square feet and two additional one-to two-story buildings with planned areas of 28,000 square feet each.

Westside Mitigation, Houston, Texas. Project Manager for a geotechnical and hydrogeologic assessment of the Houston Airport System site for a proposed wetland construction project.

Gulf Meadows Wastewater Treatment Plant, Houston, Texas. Project Manager for a background Phase I Environmental Site Assessment (ESA) and a Phase II ESA proposed general demolition of the existing sewage treatment plant and assignment of the former plant for non-industrial use as a park since the property is adjacent to an existing park and school area.

West White Oak Bayou Trail Extension Categorical Exclusion, Houston, Texas. Performed environmental assessment for the proposed hike and bike trail extension along White Oak Bayou under TxDOT environmental guidelines for NEPA projects. Specific tasks included preparing environmental documents, conducting wetlands delineations, and coordination with archeological vendor.

New Luke Road, San Antonio, Texas. Performed an environmental assessment for a portion of the former industrial complex associated with Kelly Air Force Base. Evaluated the threat of hazardous waste plumes (soil and groundwater) to impact the design, construction, and operation of the new facility. Work was conducted as part of an environmental assessment for the TxDOT San Antonio.

West White Oak Bayou Trail Extension, Houston, Texas. Performed an environmental assessment with a finding of a categorical exclusion for a 3-mile segment of a proposed bikeway. Critical issues addressed included wetlands, floodplains, and historical/archeological sites.

Goose Creek Categorical Exclusion, Baytown, Texas. Identified four areas of possible jurisdictional wetland development along Goose Creek, east of Houston near Baytown, using standard USACE wetland delineation methodology. Identified wetland hydrology, wetland and non-wetland soil regimes, and wetland vegetation in these areas of possible jurisdictional wetland development and conveyed these results in a report to the USACE for a determination.

Southeast University Hobby Corridor, Houston, Texas. Performed an environmental study relating to water resources, including data collection and analysis of existing conditions. The study included documentation of surface waters, groundwater, floodplains and drainage, and wetlands and riverine systems for Affected Environment of the Southeast Corridor Draft Environmental Impact Statement. The work was in compliance with all local, state, and federal regulations including the National Environmental Policy Act.

Dairy Ashford No. 2 Lift Station, Houston, Texas. Completed a Phase I ESA for the proposed construction of the Dairy Ashford No. 2 sanitary sewer lift station on a vacant lot once occupied by a wastewater treatment plant to include environmental regulatory agency summary records review, field observations, and interviews; review of available, historical maps, aerial photographs; a review of available geologic literature to characterize the geologic, physiographic, and hydrogeologic setting to determine potential release pathways; and a site reconnaissance to conduct interviews, verify environmental and historical records, identify current land-use activities, and identify potential areas of environmental concern based on current conditions. Developed a report summarizing his findings with conclusions and recommendations.

Environmental Site Assessment, Adjoining Properties, Almeda Sims Sludge Drying Facility, Houston, Texas. Completed a Phase I ESA for the adjoining properties of the proposed new construction of a sludge drying facility at the Almeda-Sims WWTP. The objective of this study was to identify current or previous land use activities that may have created an environmental concern to the project on two properties that adjoin the Almeda-Sims WWTP.

Westway, Homestead, and Chocolate Bayou Wastewater Treatment Plants, Houston, Texas. Project Manager for Phase I environmental site assessments for modifications and improvements at the plants.

Galveston Sewer Replacements, Galveston, Texas. Completed a Phase I ESA for sanitary sewer projects in Galveston, Texas. The objectives of this study were to identify current or previous land use activities that may have created an environmental concern to the project. The projects are located in a mixed area of residential, commercial, and industrial land uses. Based on available information, found that potential impact may include contaminated soils, groundwater, vapors, and impacts associated with waste handling and worker protection. Recommended additional investigations at all three of the project areas to determine the nature and extent, if any, of contamination along the project alignment. Soil borings were recommended as well as groundwater sampling due to the high level of the water table in this area.

Clay Road Improvements Phase I, Houston, Texas. Performed a Phase I environmental site assessment and wetland determination for improvements to Clay Road, from Elrod to Peek Road.

A.D. Dyess Park, Cypress, NW Harris County, Texas. Project Geologist for a multi-phase environmental investigation for A.D. Dyess Park in northwest Harris County. Services included a Phase I ESA, wetlands determination, wetlands delineation, study on the presence or absence of threatened and endangered species, an evaluation of cultural resources, and permit support for Harris County in connection with the wetlands. The wetland delineation study was conducted using those specific procedures for tracts of more than 5 acres, as promulgated in the USACE Wetland Manual.

Collingsworth Bridge Phase II Environmental Site Assessment, Houston, Texas.

Completed Phase I and II environmental site assessments for the construction of a grade separation across the railroad tracks along Collingsworth along an alignment adjoining the South Cavalcade Superfund Site. Conducted extensive review of regulatory agency documents relating to environmental sites in the alignment area, conducted subsurface investigations, and provided recommendations for worker health and safety, materials handling and materials disposal during construction.

Texas Medical Center Transit Center, Subsurface Investigation, Houston, Texas. Supervised the geoprobe boring installation, soil sampling and analysis/reporting for the project. Soil samples were collected in a grid pattern in the vicinity of a former service station location and at locations east and north of this potentially contaminated property. All soil samples were screened with an organic vapor meter and selected samples were submitted for the analysis of "chemicals of concern" typically associated with a leaking petroleum storage tank installation.

Jacintoport and Pennsinula Boulevards Reconstruction, Phase I ESA, Harris County, Texas.

Project Manager for conducting a Phase I ESA, which included in the scope an evaluation of Threatened and Endangered Species, Wetlands, and Cultural Resources. The Phase I ESA was conducted per ASTM and ESA Section 404 guidelines. Coordination was conducted with the US Fish and Wildlife Service and the Texas Historical Commission. The project involved the realignment of Jacinto Port Road and Peninsula Boulevard in southeast Harris County.

Elementary School # 36 - FM 1464 on 12.12 Acres, Fort Bend County, Texas. Project Manager for a Phase I Environmental Site Assessment for the location of a proposed elementary school on approximately 12.12 acres. The objectives of this study were to identify current or previous land use activities that may have created an environmental concern to the project. The project was located in an area of vacant land which abutted the West Oaks Village Subdivision. The Phase I ESA did not reveal evidence of recognized environmental conditions in connection with the 12.12-acre parcel. HVJ had no recommendations for further environmental studies involving hazardous materials and/or contamination on the 12.12-acre parcel. Services provided included a review of ASTM E-1527 records and an evaluation of the project to be impact wetlands, cultural resources, or be impacted by active geologic faulting.

Elementary School #38, Fort Bend County ESA, Fort Bend County, Texas. Project Manager for a Phase I ESA for an approximate 8.8-acre tract immediately east of Lexington Boulevard. The objectives of this study were to determine whether recognized environmental conditions may be located on or near the project site or on adjacent parcels that may lead to an environmental concern. In addition to the standard ESA presentation, we provided threatened and endangered species and cultural resources information.

WHCRWA Waterline, Harris County, Texas. Project Manager for a Phase IA environmental site assessment, wetlands reconnaissance study, cultural resources study, and threatened and endangered species study for a proposed 12- to 16-inch water line.

Grant Road Detention Pond, Cypress, Texas. Project Manager for environmental services for construction of a detention basin approximately 5-acres, measuring about 1300 by 160 feet and located on a 10-acre parcel. The parcel is located about 450 feet east of Perry Road, along the south side of Grant Road. HVJ previously conducted a Phase I ESA, wetlands determination, and a review of Threatened and Endangered Species for the Grant Road alignment. The scope of this project included these items as well as a review of cultural resources. The Phase I Environmental Site Assessment will be based on Harris County standard practice document entitled "Minimum Requirements and Guidelines for performing Preliminary Environmental Site Assessments" and ASTM Standards (E-1527).

WHCRWA Waterline, Harris County, Texas. Project Manager for a Phase IA environmental site assessment, wetlands reconnaissance study, cultural resources study, and threatened and endangered species study for a proposed 12- to 16-inch water line.

Karst Invertebrate Survey, San Antonio, Texas. Project Manager for a geologic assessment and Endangered Karst Invertebrate Survey for a 300-foot section of roadway right-of-way at the intersection of Babcock Road and Hausman Road. The property is located within the Edwards Aquifer Recharge Zone and also an area documented as Threatened and Endangered Species in the form of Karst invertebrates.

SAWS ESA - Kelly AFB, San Antonio, Texas. SAWS is proposing to make improvements to the existing stand-alone water distribution system at Kelly USA and Kelly AFB to tie the system into Pressure Zone 4 and provide a reliable water supply for the business park being developed. Project Manager for Phase I ESA.

PROFESSIONAL AFFILIATIONS

Houston Geological Society
Texas Association of Environmental Professionals
Geological Society of America